

3rd-Party Software Report for **splunk-add-on-for-microsoft-cloud-services**

This document lists the open source software and other third-party components used in splunk-add-on-for-microsoft-cloud-services.

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bb72529bc32d81f9c491905ec623bd353b505b36

Dependencies Summary

This section shows the summary of all packages in splunk-add-on-for-microsoft-cloud-services.

Package	Declared License(s)	Discovered License(s)
@babel/code-frame 7.29.0	MIT	None
@babel/generator 7.29.1	MIT	None
@babel/helper-annotate-as-pure 7.27.3	MIT	None
@babel/helper-globals 7.28.0	MIT	None
@babel/helper-module-imports 7.28.6	MIT	None
@babel/helper-plugin-utils 7.28.6	MIT	None
@babel/helper-string-parser 7.27.1	MIT	None
@babel/helper-validator-identifier 7.28.5	MIT	None
@babel/parser 7.29.2	MIT	None
@babel/plugin-syntax-jsx 7.28.6	MIT	None

<u>@babel/runtime 7.29.2</u>	MIT	None
<u>@babel/template 7.28.6</u>	MIT	None
<u>@babel/traverse 7.29.0</u>	MIT	None
<u>@babel/types 7.29.0</u>	MIT	None
<u>@dnd-kit/accessibility 3.1.1</u>	MIT	None
<u>@dnd-kit/core 6.3.1</u>	MIT	None
<u>@dnd-kit/modifiers 7.0.0</u>	MIT	None
<u>@dnd-kit/sortable 8.0.0</u>	MIT	None
<u>@dnd-kit/utilities 3.2.2</u>	MIT	None
<u>@emotion/is-prop-valid 1.4.0</u>	MIT	None
<u>@emotion/memoize 0.9.0</u>	MIT	None
<u>@emotion/stylis 0.8.5</u>	MIT	None
<u>@emotion/unitless 0.7.5</u>	MIT	None
<u>@jridgewell/gen-mapping 0.3.13</u>	MIT	None
<u>@jridgewell/resolve-uri 3.1.2</u>	MIT	None
<u>@jridgewell/sourcemap-codec 1.5.5</u>	MIT	None
<u>@jridgewell/trace-mapping 0.3.31</u>	MIT	None
<u>@react-spring/animated 9.2.6</u>	MIT	None
<u>@react-spring/core 9.2.6</u>	MIT	None
<u>@react-spring/konva 9.2.6</u>	MIT	None
<u>@react-spring/native 9.2.6</u>	MIT	None
<u>@react-spring/rafz 9.2.6</u>	MIT	None

@react-spring/shared 9.2.6	MIT	None
@react-spring/three 9.2.6	MIT	None
@react-spring/types 9.2.6	MIT	None
@react-spring/web 9.2.6	MIT	None
@react-spring/zdog 9.2.6	MIT	None
@splunk/react-icons 4.14.0	Apache-2.0, proprietary- license	None
@splunk/react-ui 4.47.1	Apache-2.0, proprietary- license	MIT
@splunk/splunk-utils 2.3.4	Apache-2.0, proprietary- license	None
@splunk/themes 0.19.0	Apache-2.0, proprietary- license	None
@splunk/themes 0.25.0	Apache-2.0, proprietary- license	None
@splunk/ui-utils 1.12.0	Apache-2.0, proprietary- license	None
@types/json-schema 7.0.15	MIT	None
PyJWT 2.13.0	MIT	None
PySocks 1.7.1	BSD-3-Clause	Apache-2.0
ajv 6.14.0	MIT	None
ajv-keywords 3.5.2	MIT	None
attrs 26.1.0	MIT	None

<u>azure-core 1.39.0</u>	MIT	None
<u>azure-data-tables 12.7.0</u>	MIT	None
<u>azure-eventhub 5.15.1</u>	MIT	None
<u>azure-eventhub-checkpointstoreblob 1.2.0</u>	MIT	None
<u>azure-identity 1.25.3</u>	MIT	None
<u>azure-mgmt-compute 38.0.0</u>	MIT	None
<u>azure-mgmt-core 1.6.0</u>	MIT	None
<u>azure-mgmt-resource 25.0.0</u>	MIT	None
<u>azure-storage-blob 12.29.0</u>	MIT	None
<u>babel-plugin-styled-components 2.1.4</u>	MIT	None
<u>big.js 5.2.2</u>	MIT	None
<u>camelize 1.0.1</u>	MIT	None
<u>cattr 23.1.2</u>	MIT	None
<u>certifi 2025.8.3</u>	MPL-2.0	None
<u>cffi 2.1.1</u>	mit-0	MIT
<u>charset-normalizer 3.5.1</u>	MIT	None
<u>color-blend 2.0.9</u>	MIT	None
<u>commonmark 0.30.0</u>	Multi-license: BSD-2-Clause OR MIT	None
<u>commonmark-react-renderer 4.3.5</u>	MIT	None
<u>cryptography 50.0.0</u>	Apache-2.0	None
<u>css-color-keywords 1.0.0</u>	ISC	None

<u>css-to-react-native 3.2.0</u>	MIT	None
<u>debug 4.4.3</u>	MIT	None
<u>decimal.js-light 2.5.1</u>	MIT	None
<u>defusedxml 0.7.1</u>	None	PSF-2.0
<u>deprecation 2.1.0</u>	Apache-2.0	None
<u>dequal 2.0.3</u>	MIT	None
<u>emojis-list 3.0.0</u>	MIT	None
<u>entities 2.0.3</u>	BSD-2-Clause	None
<u>exceptiongroup 1.3.1</u>	Python-2.0, MIT	None
<u>fast-deep-equal 3.1.3</u>	MIT	None
<u>fast-json-stable-stringify 2.1.0</u>	MIT	None
<u>googleapis-common-protos 1.75.1</u>	Apache-2.0	None
<u>grpcio 1.74.0</u>	MPL-2.0, BSD-3-Clause, Apache-2.0	apache-2.0 WITH llvm-exception, BSD-2-Clause, Info-ZIP, ISC, MIT, mit-old-style, mit-old-style-no-advert, Zlib
<u>has-flag 3.0.0</u>	MIT	None
<u>hoist-non-react-statics 3.3.2</u>	BSD-3-Clause	None
<u>idna 3.16</u>	BSD-3-Clause	None
<u>importlib-metadata 6.11.0</u>	Apache-2.0	None
<u>isodate 0.7.2</u>	BSD-3-Clause	None
<u>js-tokens 4.0.0</u>	MIT	None
<u>jsesc 3.1.0</u>	MIT	None

<u>json-schema-traverse 0.4.1</u>	MIT	None
<u>json5 2.2.3</u>	MIT	None
<u>keycode 2.2.1</u>	MIT	None
<u>loader-utils 2.0.4</u>	MIT	None
<u>lodash 4.18.1</u>	MIT, CC0-1.0	None
<u>lodash-es 4.18.1</u>	MIT, CC0-1.0	None
<u>lodash.assign 4.2.0</u>	MIT, CC0-1.0	None
<u>lodash.isplainobject 4.0.6</u>	MIT, CC0-1.0	None
<u>loose-envify 1.4.0</u>	MIT	None
<u>mdurl 1.0.1</u>	MIT	None
<u>minimist 1.2.8</u>	MIT	None
<u>moment 2.30.1</u>	MIT	None
<u>ms 2.1.3</u>	MIT	None
<u>msal 1.37.0</u>	MIT	None
<u>msal-extensions 1.3.1</u>	MIT	None
<u>multidict 6.7.1</u>	Apache-2.0	0BSD
<u>object-assign 4.1.1</u>	MIT	None
<u>opentelemetry-api 1.39.1</u>	Apache-2.0	None
<u>opentelemetry-exporter-otlp-proto-common 1.39.1</u>	Apache-2.0	None
<u>opentelemetry-exporter-otlp-proto-grpc 1.39.1</u>	Apache-2.0	None
<u>opentelemetry-proto 1.39.1</u>	Apache-2.0	None

<u>opentelemetry-sdk 1.39.1</u>	Apache-2.0	None
<u>opentelemetry-semantic-conventions 0.60b1</u>	Apache-2.0	None
<u>packaging 26.3</u>	Apache-2.0	None
<u>pascalcase 0.1.1</u>	MIT	None
<u>picocolors 1.1.1</u>	ISC	None
<u>picomatch 2.3.2</u>	MIT	None
<u>postcss-value-parser 4.2.0</u>	MIT	None
<u>prop-types 15.8.1</u>	MIT	None
<u>propcache 0.5.2</u>	Apache-2.0	None
<u>protobuf 6.33.6</u>	BSD-3-Clause, Protobuf	MIT
<u>punycode 2.3.1</u>	MIT	None
<u>pycparser 3.0</u>	BSD-3-Clause	None
<u>raw-loader 4.0.2</u>	MIT	None
<u>react 16.14.0</u>	MIT	None
<u>react-dom 16.14.0</u>	MIT	None
<u>react-is 16.13.1</u>	MIT	None
<u>react-resize-detector 3.4.0</u>	MIT	None
<u>react-spring 9.2.4</u>	MIT	None
<u>requests 2.32.5</u>	Apache-2.0	None
<u>resize-observer-polyfill 1.5.1</u>	MIT	None
<u>scheduler 0.19.1</u>	MIT	None

<u>schema-utils 3.3.0</u>	MIT	None
<u>scriptjs 2.5.9</u>	MIT	None
<u>semver 7.7.4</u>	ISC	None
<u>shallowequal 1.1.0</u>	MIT	None
<u>solnlib 8.1.0</u>	Apache-2.0	None
<u>sortedcontainers 2.4.0</u>	Apache-2.0	None
<u>splunk-sdk 2.1.0</u>	Apache-2.0	None
<u>splunktalib 3.0.6</u>	Apache-2.0	None
<u>splunktaucclib 6.6.0</u>	Apache-2.0	None
<u>ssh://git@github.com/splunk/splunksdc.git v1.2.1</u>	None	None
<u>string.prototype.repeat 0.2.0</u>	MIT	None
<u>styled-components 5.3.11</u>	MIT	None
<u>supports-color 5.5.0</u>	MIT	None
<u>tinycolor2 1.6.0</u>	MIT	None
<u>tslib 2.8.1</u>	0BSD	None
<u>typing-extensions 4.16.0</u>	Python-2.0	None
<u>u-msgpack-python 2.8.0</u>	MIT	None
<u>underscore 1.13.8</u>	MIT	None
<u>uri-js 4.4.1</u>	BSD-2-Clause	None
<u>urllib3 1.26.19</u>	MIT	None
<u>use-deep-compare 1.3.0</u>	MIT	None

<u>use-typed-event-listener 3.0.0</u>	MIT	None
<u>websocket-client 1.8.0</u>	Apache-2.0	None
<u>xss-filters 1.2.7</u>	Multi-license: BSD-2-Clause OR unknown OR BSD-3-Clause	BSD-3-Clause
<u>yaml 1.24.5</u>	Apache-2.0	None
<u>zipp 3.23.0</u>	MIT	None

Dependencies Details

This section shows the details for each package in splunk-add-on-for-microsoft-cloud-services.

@splunk/react-icons 4.14.0		npm+@splunk/react-icons\$4.14.0 • Direct	
Description			
		Library of various React icons	
Package Info			
Package Author(s)	devinfo@splunk.com, vtsvetkov@splunk.com, webplatform@splunk.com		
Package Manager	NPM		
Project URL	https://www.npmjs.com/package/@splunk/react-icons		
Package Download URL	https://registry.npmjs.org/@splunk/react-icons/-/react-icons-4.14.0.tgz		
Dependency Path	@splunk/react-icons, @splunk/react-ui > @splunk/react-icons		
Declared License(s)			
Apache-2.0			
Copyright(s)	None		
proprietary-license			
Copyright(s)	Splunk Inc.		
Discovered License(s)			
		None	
Notice File(s)			
		None	
@splunk/react-ui 4.47.1		npm+@splunk/react-ui\$4.47.1 • Direct	

Package Info

Package Author(s)	devinfo@splunk.com, vtsvetkov@splunk.com, webplatform@splunk.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/@splunk/react-ui
Package Download URL	https://registry.npmjs.org/@splunk/react-ui/-/react-ui-4.47.1.tgz
Dependency Path	@splunk/react-ui

Declared License(s)

Apache-2.0

Copyright(s)	None
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proprietary-license

Copyright(s)	Splunk Inc.
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Discovered License(s)

MIT

Copyright(s)	2014 Call-Em-All
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Notice File(s)

None

@splunk/splunk-utils 2.3.4

npm+@splunk/splunk-utils\$2.3.4 • [Direct](#)

Description

Library of common Splunk Enterprise utilities

Package Info

Package Author(s)	devinfo@splunk.com, vtsvetkov@splunk.com, webplatform@splunk.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/@splunk/splunk-utils

Package Download URL <https://registry.npmjs.org/@splunk/splunk-utils/-/splunk-utils-2.3.4.tgz>

Dependency Path @splunk/splunk-utils

Declared License(s)

Apache-2.0

Copyright(s) None

proprietary-license

Copyright(s) Splunk Inc.

Discovered License(s)

None

Notice File(s)

None

@splunk/themes 0.19.0

npm+@splunk/themes\$0.19.0 •

Direct

Description

Theme variables and mixins for the Splunk design language

Package Info

Package Author(s) devinfo@splunk.com, vtsvetkov@splunk.com, webplatform@splunk.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/@splunk/themes>

Package Download URL <https://registry.npmjs.org/@splunk/themes/-/themes-0.19.0.tgz>

Dependency Path @splunk/themes

Declared License(s)

Apache-2.0

Copyright(s) None

proprietary-license

Copyright(s) Splunk Inc.

Discovered License(s)

None

Notice File(s)

None

@splunk/ui-utils 1.12.0

npm+@splunk/ui-utils\$1.12.0 • Direct

Description

Library of common UI utilities

Package Info

Package Author(s) devinfo@splunk.com, webplatform@splunk.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/@splunk/ui-utils>

Package Download URL <https://registry.npmjs.org/@splunk/ui-utils/-/ui-utils-1.12.0.tgz>

Dependency Path @splunk/react-icons > @splunk/ui-utils, @splunk/react-ui > @splunk/react-icons > @splunk/ui-utils, @splunk/react-ui > @splunk/ui-utils, @splunk/splunk-utils > @splunk/ui-utils, @splunk/ui-utils

Declared License(s)

Apache-2.0

Copyright(s) None

proprietary-license

Copyright(s) Splunk Inc.

Discovered License(s)

None

Notice File(s)

None

azure-core 1.39.0

pip+azure-core\$1.39.0 • Direct

Description

Microsoft Azure Core Library for Python

Package Info

Package Author(s)	Microsoft Corporation <azpysdkhelp@microsoft.com> License-Expression: MIT
Package Manager	Pip
Project URL	https://pypi.org/project/azure-core/
Package Download URL	https://files.pythonhosted.org/packages/34/83/bbde3faa84ddcb8eb0eca4b3ffb3221252281db4ce351300fe248c5c70b1/azure_core-1.39.0.tar.gz
Dependency Path	azure-core, azure-data-tables > azure-core, azure-eventhub > azure-core, azure-eventhub-checkpointstoreblob > azure-core, azure-eventhub-checkpointstoreblob > azure-eventhub > azure-core, azure-identity > azure-core, azure-mgmt-compute > azure-mgmt-core > azure-core, azure-mgmt-resource > azure-mgmt-core > azure-core, azure-storage-blob > azure-core

Declared License(s)

MIT	
Copyright(s)	Microsoft Corporation.

Discovered License(s)

None	
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Notice File(s)

None	
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azure-data-tables 12.7.0

pip+azure-data-tables\$12.7.0 • Direct

Description

Microsoft Azure Data Tables Client Library for Python

Package Info

Package Author(s)	ascl@microsoft.com
Package Manager	Pip
Project URL	https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/tables/azure-data-tables
Package Download URL	https://files.pythonhosted.org/packages/ad/b8/e76cfa7f5f847722664c6f8108c391deadcb9d9aad579650c128affd4669/azure_data_tables-12.7.0.tar.gz
Dependency Path	azure-data-tables

Declared License(s)	
MIT	
Copyright(s)	Microsoft Corporation.
Discovered License(s)	
None	
Notice File(s)	
None	

azure-eventhub 5.15.1

pip+azure-eventhub\$5.15.1 • Direct

Description	# Azure Event Hubs client library for Python Azure Event Hubs is a highly scalable publish-subscribe service that can ingest millions of events per second and stream them to multiple consumers. This lets you process and analyze the massive amounts of data produced by your connected devices and applications. Once Event Hubs has collected the data, you can retrieve, transform, and store it by using any real-time analytics provider or with batching/storage adapters. If you would like to know more about Azure Event Hubs, you may wish to review: [What is Event Hubs] (https://docs.microsoft.com/azure/event-hubs/event-hubs-about)? The Azure Event Hubs client library allows for publishing and consuming of Azure Event Hubs events and may be used to: - Emit telemetry about your application for business intelligence and diagnostic purposes. - Publish facts about the state of your application which interested parties may observe and use as a trigger for taking action. - Observe interesting operations and interactions happening within your business or other ecosystem, allowing loosely coupled systems to interact without the need to bind them together. - Receive events from one or more publishers, transform them to better meet the needs of your ecosystem, then publish the transformed events to a new stream for consumers to observe. [Source code] (https://github.com/Azure/azure-sdk-for-
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`python/blob/main/sdk/eventhub/azure-eventhub/)` | [Package (PyPi)]
(<https://pypi.org/project/azure-eventhub/>) | [Package (Conda)]
(<https://anaconda.org/microsoft/azure-eventhub/>) | [API reference documentation][[api_reference](#)] | [Product documentation]
(<https://docs.microsoft.com/azure/event-hubs/>) | [Samples]
(<https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/eventhub/azure-eventhub/samples>)

Getting started

Prerequisites - Python 3.8 or later. - **Microsoft Azure Subscription:** To use Azure services, including Azure Event Hubs, you'll need a subscription. If you do not have an existing Azure account, you may sign up for a free trial or use your MSDN subscriber benefits when you [\[create an account\]\(https://azure.microsoft.com/free/\)](#). - **Event Hubs namespace with an Event Hub:** To interact with Azure Event Hubs, you'll also need to have a namespace and Event Hub available. If you are not familiar with creating Azure resources, you may wish to follow the step-by-step guide for [\[creating an Event Hub using the Azure portal\]\(https://docs.microsoft.com/azure/event-hubs/event-hubs-create\)](#). There, you can also find detailed instructions for using the Azure CLI, Azure PowerShell, or Azure Resource Manager (ARM) templates to create an Event Hub.

Install the package

Install the Azure Event Hubs client library for Python with pip: `$ pip install azure-eventhub`

Authenticate the client

Interaction with Event Hubs starts with an instance of `EventHubConsumerClient` or `EventHubProducerClient` class. You need either the host name, SAS/AAD credential and event hub name or a connection string to instantiate the client object. **[Create client from connection string:]** (https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub/samples/sync_samples/connection_string_authentication.py)

[For the Event Hubs client library to interact with an Event Hub, the easiest means is to use a connection string, which is created automatically when creating an Event Hubs namespace. If you aren't familiar with shared access policies in Azure, you may wish to follow the step-by-step guide to [\[get an Event Hubs connection string\]\(https://docs.microsoft.com/azure/event-hubs/event-hubs-get-connection-string\)](#). - The `from_connection_string` method takes the connection string of the form `Endpoint=sb://<yournamespace>.servicebus.windows.net/;SharedAccessKeyName=<yoursharedaccesskeyname>;SharedAccessKey=<yoursharedaccesskey>` and entity name to your Event Hub instance. You can get the connection string from the [\[Azure portal\]\(https://docs.microsoft.com/azure/event-hubs/event-hubs-get-connection-string#get-connection-string-from-the-portal\)](#). **[Create client using the azure-identity library:] (https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub/samples/sync_samples/client_identity_authentication.py)**

Alternately, one can use a `Credential` object to authenticate via AAD with the `azure-identity` package. - This constructor demonstrated in the sample linked above takes the host name and entity name of your Event Hub instance and credential that implements the `[TokenCredential]` (<https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/core/azure-core/azure/core/credentials.py>) protocol. There are implementations of the `TokenCredential` protocol available in the `[azure-identity package]` (<https://pypi.org/project/azure-identity/>). The host name is of the format `<yournamespace.servicebus.windows.net>`. - To use the credential types provided by `azure-identity`, please install the package: `pip install azure-`

identity` - Additionally, to use the async API, you must first install an async transport, such as `[aiohttp]`(<https://pypi.org/project/aiohttp/>): `pip install aiohttp`` - When using Azure Active Directory, your principal must be assigned a role which allows access to Event Hubs, such as the Azure Event Hubs Data Owner role. For more information about using Azure Active Directory authorization with Event Hubs, please refer to `[the associated documentation]`(<https://docs.microsoft.com/azure/event-hubs/authorize-access-azure-active-directory>). `## Key concepts` - An `**EventHubProducerClient**` is a source of telemetry data, diagnostics information, usage logs, or other log data, as part of an embedded device solution, a mobile device application, a game title running on a console or other device, some client or server based business solution, or a web site. - An `**EventHubConsumerClient**` picks up such information from the Event Hub and processes it. Processing may involve aggregation, complex computation, and filtering. Processing may also involve distribution or storage of the information in a raw or transformed fashion. Event Hub consumers are often robust and high-scale platform infrastructure parts with built-in analytics capabilities, like Azure Stream Analytics, Apache Spark, or Apache Storm. - A `**partition**` is an ordered sequence of events that is held in an Event Hub. Azure Event Hubs provides message streaming through a partitioned consumer pattern in which each consumer only reads a specific subset, or partition, of the message stream. As newer events arrive, they are added to the end of this sequence. The number of partitions is specified at the time an Event Hub is created and cannot be changed. - A `**consumer group**` is a view of an entire Event Hub. Consumer groups enable multiple consuming applications to each have a separate view of the event stream, and to read the stream independently at their own pace and from their own position. There can be at most 5 concurrent readers on a partition per consumer group; however it is recommended that there is only one active consumer for a given partition and consumer group pairing. Each active reader receives all of the events from its partition; if there are multiple readers on the same partition, then they will receive duplicate events. For more concepts and deeper discussion, see: `[Event Hubs Features]`(<https://docs.microsoft.com/azure/event-hubs/event-hubs-features>). Also, the concepts for AMQP are well documented in `[OASIS Advanced Messaging Queuing Protocol (AMQP) Version 1.0]`(<https://docs.oasis-open.org/amqp/core/v1.0/os/amqp-core-overview-v1.0-os.html>). `### Thread safety` We do not guarantee that the `EventHubProducerClient` or `EventHubConsumerClient` are thread-safe. We do not recommend reusing these instances across threads. It is up to the running application to use these classes in a thread-safe manner. The data model type, `EventDataBatch` is not thread-safe. It should not be shared across threads nor used concurrently with client methods. `## Examples` The following sections provide several code snippets covering some of the most common Event Hubs tasks, including: - `[Inspect an Event Hub]`([#inspect-an-event-hub](#)) - `[Publish events to an Event Hub]`([#publish-events-to-an-event-hub](#)) - `[Consume events from an Event Hub]`([#consume-events-from-an-event-hub](#)) - `[Consume events from an Event Hub in batches]`([#consume-events-from-an-event-hub-in-batches](#)) - `[Publish events to an Event Hub asynchronously]`([#publish-events-to-an-event-hub-asynchronously](#)) - `[Consume events from an Event Hub asynchronously]`([#consume-events-from-an-event-hub-asynchronously](#)) - `[Consume events from an Event Hub in batches asynchronously]`([#consume-events-from-an-event-hub-in-batches-asynchronously](#)) - `[Consume events and save checkpoints using a`

```

checkpoint store](#consume-events-and-save-checkpoints-using-a-checkpoint-store) - [Use EventHubConsumerClient to work with IoT Hub]
(#use-eventhubconsumerclient-to-work-with-iot-hub) ### Inspect an Event
Hub Get the partition ids of an Event Hub.
python import os from
azure.eventhub import EventHubConsumerClient from azure.identity import
DefaultAzureCredential FULLY_QUALIFIED_NAMESPACE =
os.environ["EVENT_HUB_HOSTNAME"] EVENTHUB_NAME =
os.environ["EVENT_HUB_NAME"] consumer_client = EventHubConsumerClient(
fully_qualified_namespace=FULLY_QUALIFIED_NAMESPACE,
consumer_group='$Default', eventhub_name=EVENTHUB_NAME,
credential=DefaultAzureCredential(), ) with consumer_client: pass #
consumer_client is now ready to be used.
### Publish events to an Event
Hub Use the create_batch method on EventHubProducerClient to create an
EventDataBatch object which can then be sent using the send_batch method.
Events may be added to the EventDataBatch using the add method until the
maximum batch size limit in bytes has been reached.
<!--
SNIPPET:send.send_event_data_batch -->
python def
send_event_data_batch(producer): # Without specifying partition_id or
partition_key # the events will be distributed to available partitions via round-
robin. event_data_batch = producer.create_batch()
event_data_batch.add(EventData("Single message"))
producer.send_batch(event_data_batch)
<!-- END SNIPPET -->
### Consume
events from an Event Hub There are multiple ways to consume events from
an EventHub. To simply trigger a callback when an event is received, the
EventHubConsumerClient.receive method will be of use as follows:
python import logging from azure.eventhub import EventHubConsumerClient from
azure.identity import DefaultAzureCredential fully_qualified_namespace = '<<
EVENT HUBS FULLY QUALIFIED NAMESPACE >>' consumer_group = '<<
CONSUMER GROUP >>' eventhub_name = '<< NAME OF THE EVENT HUB >>'
client = EventHubConsumerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, consumer_group=consumer_group,
credential=DefaultAzureCredential(), ) logger =
logging.getLogger("azure.eventhub") logging.basicConfig(level=logging.INFO)
def on_event(partition_context, event): logger.info("Received event from
partition {}".format(partition_context.partition_id))
partition_context.update_checkpoint(event) with client: client.receive(
on_event=on_event, starting_position="-1", # "-1" is from the beginning of the
partition. ) # receive events from specified partition: #
client.receive(on_event=on_event, partition_id='0')
### Consume events
from an Event Hub in batches Whereas the above sample triggers the
callback for each message as it is received, the following sample triggers
the callback on a batch of events, attempting to receive a number at a time.
python import logging from azure.eventhub import EventHubConsumerClient
from azure.identity import DefaultAzureCredential fully_qualified_namespace = '<<
EVENT HUBS FULLY QUALIFIED NAMESPACE >>' consumer_group = '<<
CONSUMER GROUP >>' eventhub_name = '<< NAME OF THE EVENT HUB >>'
client = EventHubConsumerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, consumer_group=consumer_group,
credential=DefaultAzureCredential(), ) logger =
logging.getLogger("azure.eventhub") logging.basicConfig(level=logging.INFO)
def on_event_batch(partition_context, events): logger.info("Received event
from partition {}".format(partition_context.partition_id))

```

```

partition_context.update_checkpoint() with client: client.receive_batch(
on_event_batch=on_event_batch, starting_position="-1", # "-1" is from the
beginning of the partition. ) # receive events from specified partition: #
client.receive_batch(on_event_batch=on_event_batch, partition_id='0')`###
Publish events to an Event Hub asynchronously Use the `create_batch`
method on EventHubProducer to create an EventDataBatch object which can
then be sent using the `send_batch` method. Events may be added to the
EventDataBatch using the `add` method until the maximum batch size limit in
bytes has been reached.
python import asyncio from azure.eventhub.aio
import EventHubProducerClient # The package name suffixed with ".aio" for
async from azure.eventhub import EventData from azure.identity.aio import
DefaultAzureCredential fully_qualified_namespace = '<< EVENT HUBS FULLY
QUALIFIED NAMESPACE >>' eventhub_name = '<< NAME OF THE EVENT HUB
>>' async def create_batch(client): event_data_batch = await
client.create_batch() can_add = True while can_add: try:
event_data_batch.add(EventData('Message inside EventBatchData')) except
ValueError: can_add = False # EventDataBatch object reaches max_size.
return event_data_batch async def send(): client = EventHubProducerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, credential=DefaultAzureCredential(), )
batch_data = await create_batch(client) async with client: await
client.send_batch(batch_data) if __name__ == '__main__': loop =
asyncio.get_event_loop() loop.run_until_complete(send())`### Consume
events from an Event Hub asynchronously This SDK supports both
synchronous and asyncio based code. To receive as demonstrated in the
samples above, but within aio, one would need the following:
python import logging import asyncio from azure.eventhub.aio import
EventHubConsumerClient from azure.identity.aio import
DefaultAzureCredential fully_qualified_namespace = '<< EVENT HUBS FULLY
QUALIFIED NAMESPACE >>' consumer_group = '<< CONSUMER GROUP >>'
eventhub_name = '<< NAME OF THE EVENT HUB >>' logger =
logging.getLogger("azure.eventhub") logging.basicConfig(level=logging.INFO)
async def on_event(partition_context, event): logger.info("Received event
from partition {}".format(partition_context.partition_id)) await
partition_context.update_checkpoint(event) async def receive(): client =
EventHubConsumerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, consumer_group=consumer_group,
credential=DefaultAzureCredential(), ) async with client: await client.receive(
on_event=on_event, starting_position="-1", # "-1" is from the beginning of the
partition. ) # receive events from specified partition: # await
client.receive(on_event=on_event, partition_id='0') if __name__ == '__main__':
loop = asyncio.get_event_loop() loop.run_until_complete(receive())`###
Consume events from an Event Hub in batches asynchronously All
synchronous functions are supported in aio as well. As demonstrated above
for synchronous batch receipt, one can accomplish the same within asyncio
as follows:
python import logging import asyncio from azure.eventhub.aio
import EventHubConsumerClient from azure.identity.aio import
DefaultAzureCredential fully_qualified_namespace = '<< EVENT HUBS FULLY
QUALIFIED NAMESPACE >>' consumer_group = '<< CONSUMER GROUP >>'
eventhub_name = '<< NAME OF THE EVENT HUB >>' logger =
logging.getLogger("azure.eventhub") logging.basicConfig(level=logging.INFO)
async def on_event_batch(partition_context, events): logger.info("Received
event from partition {}".format(partition_context.partition_id)) await

```

```

partition_context.update_checkpoint() async def receive_batch(): client =
EventHubConsumerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, consumer_group=consumer_group,
credential=DefaultAzureCredential(), ) async with client: await
client.receive_batch( on_event_batch=on_event_batch, starting_position="-1",
# "-1" is from the beginning of the partition. ) # receive events from specified
partition: # await client.receive_batch(on_event_batch=on_event_batch,
partition_id='0') if __name__ == '__main__': loop = asyncio.get_event_loop()
loop.run_until_complete(receive_batch()) `### Consume events and save
checkpoints using a checkpoint store EventHubConsumerClient` is a high
level construct which allows you to receive events from multiple partitions at
once and load balance with other consumers using the same Event Hub and
consumer group. This also allows the user to track progress when events are
processed using checkpoints. A checkpoint is meant to represent the last
successfully processed event by the user from a particular partition of a
consumer group in an Event Hub instance. The EventHubConsumerClient`
uses an instance of CheckpointStore` to update checkpoints and to store the
relevant information required by the load balancing algorithm. Search pypi
with the prefix `azure-eventhub-checkpointstore` to find packages that
support this and use the CheckpointStore` implementation from one such
package. Please note that both sync and async libraries are provided. In the
below example, we create an instance of EventHubConsumerClient` and use
a BlobCheckpointStore`. You need to [create an Azure Storage account]
(https://docs.microsoft.com/azure/storage/common/storage-quickstart-
create-account?tabs=azure-portal) and a [Blob Container]
(https://docs.microsoft.com/azure/storage/blobs/storage-quickstart-blobs-
portal#create-a-container) to run the code. [Azure Blob Storage Checkpoint
Store Async](https://github.com/Azure/azure-sdk-for-
python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob-ai)
and [Azure Blob Storage Checkpoint Store Sync]
(https://github.com/Azure/azure-sdk-for-
python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob) are
one of the CheckpointStore` implementations we provide that applies Azure
Blob Storage as the persistent store.
python import asyncio from
azure.eventhub.aio import EventHubConsumerClient from
azure.eventhub.extensions.checkpointstoreblobai import
BlobCheckpointStore from azure.identity.aio import DefaultAzureCredential
fully_qualified_namespace = '<< EVENT HUBS FULLY QUALIFIED NAMESPACE
>>' consumer_group = '<< CONSUMER GROUP >>' eventhub_name = '<<
NAME OF THE EVENT HUB >>' blob_account_url = '<< STORAGE ACCOUNT
URL >>' container_name = '<<NAME OF THE BLOB CONTAINER>>' async def
on_event(partition_context, event): # do something await
partition_context.update_checkpoint(event) # Or update_checkpoint every N
events for better performance.
async def receive(client): await client.receive(
on_event=on_event, starting_position="-1", # "-1" is from the beginning of the
partition. )
async def main(): checkpoint_store = BlobCheckpointStore(
blob_account_url=blob_account_url, container_name=container_name,
credential=DefaultAzureCredential() ) client = EventHubConsumerClient(
fully_qualified_namespace=fully_qualified_namespace,
eventhub_name=eventhub_name, credential=DefaultAzureCredential(),
consumer_group=consumer_group, checkpoint_store=checkpoint_store, #
For load balancing and checkpoint. Leave None for no load balancing )
async with client: await receive(client) if __name__ == '__main__': loop =

```

```

asyncio.get_event_loop() loop.run_until_complete(main()) `### Use
EventHubConsumerClient to work with IoT Hub You can use
EventHubConsumerClient` to work with IoT Hub as well. This is useful for
receiving telemetry data of IoT Hub from the linked EventHub. The associated
connection string will not have send claims, hence sending events is not
possible. Please notice that the connection string needs to be for an [Event
Hub-compatible endpoint](https://docs.microsoft.com/azure/iot-hub/iot-hub-
devguide-messages-read-builtin), e.g. "Endpoint=sb://my-iothub-namespace-
[uid].servicebus.windows.net/;SharedAccessKeyName=my-SA-
name;SharedAccessKey=my-SA-key;EntityPath=my-iot-hub-name" There are
two ways to get the Event Hubs compatible endpoint: - Manually get the
"Built-in endpoints" of the IoT Hub in Azure Portal and receive from it.
python
from azure.eventhub import EventHubConsumerClient connection_str =
'Endpoint=sb://my-iothub-namespace-
[uid].servicebus.windows.net/;SharedAccessKeyName=my-SA-
name;SharedAccessKey=my-SA-key;EntityPath=my-iot-hub-name'
consumer_group = '<< CONSUMER GROUP >>' client =
EventHubConsumerClient.from_connection_string(connection_str,
consumer_group) partition_ids = client.get_partition_ids() ` - Programmatically
retrieve the built-in Event Hubs compatible endpoint. Refer to [IoT Hub
Connection String Sample](https://github.com/Azure/azure-sdk-for-
python/blob/main/sdk/eventhub/azure-
eventhub/samples/async_samples/iot_hub_connection_string_receive_async.py).
## Troubleshooting See the azure-eventhub` [troubleshooting guide]
(https://github.com/Azure/azure-sdk-for-
python/blob/main/sdk/eventhub/azure-eventhub/TROUBLESHOOTING.md)
for details on how to diagnose various failure scenarios. ### Logging -
Enable azure.eventhub` logger to collect traces from the library. - Enable
AMQP frame level trace by setting logging_enable=True` when creating the
client. - Refer to [this guide]
(https://learn.microsoft.com/azure/developer/python/sdk/azure-sdk-logging)
on configuring logging for Azure libraries for Python for additional
information. python import logging import sys handler =
logging.StreamHandler(stream=sys.stdout) log_fmt =
logging.Formatter(fmt="%({asctime)s | %(threadName)s | %(levelname)s | %(
name)s | %(message)s") handler.setFormatter(log_fmt) logger =
logging.getLogger('azure.eventhub') logger.setLevel(logging.DEBUG)
logger.addHandler(handler) ... from azure.eventhub import
EventHubProducerClient, EventHubConsumerClient producer =
EventHubProducerClient(..., logging_enable=True) consumer =
EventHubConsumerClient(..., logging_enable=True) `## Next steps ### More
sample code Please take a look at the [samples]
(https://github.com/Azure/azure-sdk-for-
python/blob/main/sdk/eventhub/azure-eventhub/samples) directory for
detailed examples of how to use this library to send and receive events
to/from Event Hubs. ### Documentation Reference documentation is
available [here]
(https://azuresdkdocs.blob.core.windows.net/$web/python/azure-
eventhub/latest/azure.eventhub.html). ### Schema Registry and Avro
Encoder The EventHubs SDK integrates nicely with the [Schema Registry]
[schemaregistry_service] service and [Avro][avro]. For more information,
please refer to [Schema Registry SDK][schemaregistry_repo] and [Schema
Registry Avro Encoder SDK][schemaregistry_avroencoder_repo]. ### Pure
Python AMQP Transport and Backward Compatibility Support The Azure

```

Event Hubs client library is now based on a pure Python AMQP implementation. `uAMQP` has been removed as required dependency. To use `uAMQP` as the underlying transport: 1. Install `uamqp` with pip. `$ pip install uamqp` 2. Pass `uamqp_transport=True` during client construction. `python`

```

from azure.eventhub import EventHubProducerClient,
EventHubConsumerClient
from azure.identity import DefaultAzureCredential
fully_qualified_namespace = '<< EVENT HUBS FULLY QUALIFIED NAMESPACE >>'
consumer_group = '<< CONSUMER GROUP >>'
eventhub_name = '<< NAME OF THE EVENT HUB >>'
client = EventHubProducerClient(
    fully_qualified_namespace=fully_qualified_namespace,
    eventhub_name=eventhub_name,
    credential=DefaultAzureCredential(),
    uamqp_transport=True)
client = EventHubConsumerClient(
    fully_qualified_namespace=fully_qualified_namespace,
    eventhub_name=eventhub_name,
    credential=DefaultAzureCredential(),
    consumer_group=consumer_group,
    uamqp_transport=True)

```

`Note: The message attribute on EventData/EventDataBatch, which previously exposed the uamqp.Message, has been deprecated. The "Legacy" objects returned by EventData.message/EventDataBatch.message have been introduced to help facilitate the transition.`

Building uAMQP wheel from source If `uAMQP` (<https://pypi.org/project/uamqp/>) is intended to be used as the underlying AMQP protocol implementation for `azure-eventhub`, `uAMQP` wheels can be found for most major operating systems. If you intend to use `uAMQP` and you're running on a platform for which `uAMQP` wheels are not provided, please follow the `uAMQP Installation` (<https://github.com/Azure/azure-uamqp-python#installation>) guidance to install from source.

Provide Feedback If you encounter any bugs or have suggestions, please file an issue in the `Issues` (<https://github.com/Azure/azure-sdk-for-python/issues>) section of the project.

Contributing This project welcomes contributions and suggestions. Most contributions require you to agree to a Contributor License Agreement (CLA) declaring that you have the right to, and actually do, grant us the rights to use your contribution. For details, visit <https://cla.microsoft.com>. When you submit a pull request, a CLA-bot will automatically determine whether you need to provide a CLA and decorate the PR appropriately (e.g., label, comment). Simply follow the instructions provided by the bot. You will only need to do this once across all repos using our CLA. This project has adopted the `Microsoft Open Source Code of Conduct` (<https://opensource.microsoft.com/codeofconduct/>). For more information see the `Code of Conduct FAQ` (<https://opensource.microsoft.com/codeofconduct/faq/>) or contact opencode@microsoft.com (<mailto:opencode@microsoft.com>) with any additional questions or comments.

[avro]: <https://avro.apache.org/>

[api_reference]: <https://docs.microsoft.com/python/api/overview/azure/eventhub-readme>

[schemaregistry_service]: <https://aka.ms/schemaregistry>

[schemaregistry_repo]: <https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/schemaregistry/azure-schemaregistry>

[schemaregistry_avroencoder_repo]: <https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/schemaregistry/azure-schemaregistry-avroencoder> !

[Impressions] (<https://azure-sdk-impressions.azurewebsites.net/api/impressions/azure-sdk-for-python/sdk/eventhub/azure-eventhub/README.png>)

Release History ## 5.13.0 (2024-11-12) ### Features Added - Added `ssl_context` parameter to the clients to allow users to pass in the SSL context, in which case,

`connection\_verify` will be ignored if specified. ### Other Changes - Added debug logging to track received messages. ## 5.12.2 (2024-10-02) ### Bugs Fixed - Implemented backpressure for async consumer to address a memory leak issue. ([#36398](https://github.com/Azure/azure-sdk-for-python/issues/36398)) ## 5.12.1 (2024-06-11) ### Bugs Fixed - Fixed a bug where the correct URI was not being used for consumer authentication, causing issues when assigning roles at the consumer group level. ([#35337](https://github.com/Azure/azure-sdk-for-python/issues/35337)) ## 5.12.0 (2024-05-16) ### Features Added - Added support for non-tls connections ([#34272]) ## 5.11.7 (2024-04-10) ### Bugs Fixed - Fixed a bug where using `EventHubProducerClient` in buffered mode could potentially drop a buffered message without actually sending it. ([#34712](https://github.com/Azure/azure-sdk-for-python/pull/34712)) ### Other Changes - Updated network trace logging to replace `None` values in AMQP connection info with empty strings as per the OpenTelemetry specification. ## 5.11.6 (2024-02-12) This version and all future versions will require Python 3.8+. Python 3.7 is no longer supported. ### Features Added - Added `keep\_alive` functionality on `EventHubProducerClient` to allow for long-living producers. ([#33726](https://github.com/Azure/azure-sdk-for-python/issues/33726)) ### Other Changes - Added support for Python 3.12. ## 5.11.5 (2023-11-13) ### Bugs Fixed - Fixed a pyAMQP error where events split across multiple `TransferFrames` were depleting the link credit by more than 1 credit per message. ([#32767](https://github.com/Azure/azure-sdk-for-python/pull/32767)) ## 5.11.4 (2023-08-08) ### Features Added - A new float keyword argument `socket\_timeout` has been added to the sync and async `EventHubConsumerClient` and `EventHubProducerClient`. ### Bugs Fixed - Fixed bug ([#31258](https://github.com/Azure/azure-sdk-for-python/issues/31258)) where async `BlobCheckpointStore` was reprocessing old events after an error. ## 5.11.3 (2023-07-12) ### Bugs Fixed - Fixed the error `end frame received on invalid channel` which was raised when a disconnect was sent by the service ([#30860](https://github.com/Azure/azure-sdk-for-python/pull/30860)) - Fixed the error `link already closed` which was raised when the client was closing and disconnecting from the service ([#30836](https://github.com/Azure/azure-sdk-for-python/pull/30836)) ### Other Changes - Updated tracing ([#29934](https://github.com/Azure/azure-sdk-for-python/pull/29934)): - Span names renamed: - `Azure.EventHubs.send` to `EventHubs.send` - `Azure.EventHubs.message` to `EventHubs.message` - `Azure.EventHubs.process` to `EventHubs.process` - An `EventHubs.receive` span will be created upon receiving events. - Additional attributes added to spans: - `messaging.system` - messaging system (i.e., `eventhubs`) - `messaging.operation` - type of operation (i.e., `publish`, `receive`, or `process`) - `messaging.batch.message\_count` - number of messages sent, received, or processed (if more than one) - The `component` attribute was removed from all spans. - All `send` spans now contain links to `message` spans. Now, `message` spans will no longer contain a link to the `send` span. - Message application properties will now contain values for `traceparent` (and `tracestate` if applicable) - Process spans will now be a direct children of message span contexts in when event handling on a per-message basis. ([#30537](https://github.com/Azure/azure-sdk-for-python/pull/30537)) ## 5.11.2 (2023-03-20) ### Bugs Fixed - Fixed a bug that would prevent reconnect after a long idle period, network drop (issue #28996) ## 5.11.1 (2023-01-25) ### Bugs Fixed - Fixed a bug where, when `websocket-client` was not installed, the error was not caught/raised properly (issue #28453). ## 5.11.0

(2023-01-19) Version 5.11.0 is our first stable release of the Azure Event Hubs client library based on a pure Python implemented AMQP stack. ### Features Added - A new boolean keyword argument `uamqp_transport` has been added to `sync` and `async` `EventHubProducerClient`/`EventHubConsumerClient` constructors which indicates whether to use the `uamqp` library or the default pure Python AMQP library as the underlying transport. ### Bugs Fixed - Fixed a bug that caused an error when sending batches with tracing enabled (issue #27986). - Fixed a bug where `EventHubSharedKeyCredential` returned an `AccessToken.token` of type `bytes` and not `str`, now matching the documentation. ### Other Changes - The `message` attribute on `EventData`/`EventDataBatch`, which previously exposed the `uamqp.Message`, has been deprecated. - `LegacyMessage`/`LegacyBatchMessage` objects returned by the `message` attribute on `EventData`/`EventDataBatch` have been introduced to help facilitate the transition. - Removed `uAMQP` from required dependencies. - Adding `uamqp >= 1.6.3` as an optional dependency for use with the `uamqp_transport` keyword. - Added support for Python 3.11. ## 5.8.0b2 (2022-10-11) ### Features Added - Updated the optional dependency for `async` transport using AMQP over WebSocket from `websocket-client` to `aiohttp` (Issue #24315, thanks @hansmbakker for the suggestion). ## 5.8.0b1 (2022-09-22) This version and all future versions will require Python 3.7+. Python 3.6 is no longer supported. ### Other Changes - Added the `uamqp_transport` optional parameter to the clients, to allow switching to the `uamqp` library as the transport. ## 5.10.1 (2022-08-22) This version and all future versions will require Python 3.7+, Python 3.6 is no longer supported. ### Bugs Fixed - Fixed a bug in `async` `BufferedProducer` that would block when flushing the queue causing the client to freeze up (issue #23510). - Fixed a bug in the `async` `EventHubProducerClient` and `EventHubConsumerClient` that set the default value of the `transport_type` parameter in the `from_connection_string` methods to `None` rather than `TransportType.Amqp`. ### Other Changes - Internal refactoring to support upcoming Pure Python AMQP-based release. - Updated `uAMQP` dependency to 1.6.0. ## 5.8.0a5 (2022-07-19) ### Bugs Fixed - Fixed bug that prevented token refresh at regular intervals. - Fixed bug that was improperly passing the `debug` keyword argument, so that network trace debug logs are output when requested. ### Other Changes - Added logging added in to track proper token refreshes & fetches, output exception reason for producer init failure. ## 5.10.0 (2022-06-08) ### Features Added - Includes the following features related to buffered sending of events: - A new method `send_event` to `EventHubProducerClient` which allows sending single `EventData` or `AmqpAnnotatedMessage`. - Buffered mode sending to `EventHubProducerClient` which is intended to allow for efficient publishing of events without having to explicitly manage batches in the application. - The constructor of `EventHubProducerClient` and `from_connection_string` method takes the following new keyword arguments for configuration: - `buffered_mode`: The flag to enable/disable buffered mode sending. - `on_success`: The callback to be called once events have been successfully published. - `on_error`: The callback to be called once events have failed to be published. - `max_buffer_length`: The total number of events per partition that can be buffered before a flush will be triggered. - `max_wait_time`: The amount of time to wait for a batch to be built with events in the buffer before publishing. - A new method `EventHubProducerClient.flush` which flushes events in the buffer to be sent immediately. - A new method `EventHubProducerClient.get_buffered_event_count` which returns the number

of events that are buffered and waiting to be published for a given partition. - A new property `EventHubProducerClient.total_buffered_event_count` which returns the total number of events that are currently buffered and waiting to be published, across all partitions. - A new boolean keyword argument `flush` to `EventHubProducerClient.close` which indicates whether to flush the buffer or not while closing. ## 5.8.0a4 (2022-06-07) ### Features Added - Added support for connection using websocket and http proxy. - Added support for custom endpoint connection over websocket. ## 5.9.0 (2022-05-10) ### Features Added - The classmethod `from_message_content` has been added to `EventData` for interoperability with the Schema Registry Avro Encoder library, and takes `content` and `content_type` as positional parameters. ### Other Changes - Features related to buffered sending of events are still in beta and will not be included in this release. ## 5.9.0b3 (2022-04-20) ### Features Added - Introduced new method `send_event` to `EventHubProducerClient` which allows sending single `EventData` or `AmqpAnnotatedMessage`. - Introduced buffered mode sending to `EventHubProducerClient` which is intended to allow for efficient publishing of events without having to explicitly manage batches in the application. - The constructor of `EventHubProducerClient` and `from_connection_string` method now takes the following new keyword arguments for configuration: - `buffered_mode`: The flag to enable/disable buffered mode sending. - `on_success`: The callback to be called once events have been successfully published. - `on_error`: The callback to be called once events have failed to be published. - `max_buffer_length`: The total number of events per partition that can be buffered before a flush will be triggered. - `max_wait_time`: The amount of time to wait for a batch to be built with events in the buffer before publishing. - Introduced new method `EventHubProducerClient.flush` which flushes events in the buffer to be sent immediately. - Introduced new method `EventHubProducerClient.get_buffered_event_count` which returns the number of events that are buffered and waiting to be published for a given partition. - Introduced new property `EventHubProducerClient.total_buffered_event_count` which returns the total number of events that are currently buffered and waiting to be published, across all partitions. - Introduced new boolean keyword argument `flush` to `EventHubProducerClient.close` which indicates whether to flush the buffer or not while closing. ### Other Changes - Updated `EventData` internals for interoperability with the Schema Registry Avro Encoder library. ## 5.9.0b2 (2022-03-09) ### Breaking Changes - `from_message_data` on `EventData` has been renamed `from_message_content` for interoperability with the Schema Registry Avro Encoder library. The `data` parameter has been renamed to `content`. ## 5.8.0a3 (2022-03-08) ### Other Changes - Improved the performance of async sending and receiving. ## 5.9.0b1 (2022-02-09) - The following features have been temporarily pulled out of async `EventHubProducerClient` and `EventHubConsumerClient` which will be added back in future previews as we work towards a stable release: - Passing the following keyword arguments to the constructors and `from_connection_string` methods of the `EventHubProducerClient` and `EventHubConsumerClient` is not supported: `transport_type`, `http_proxy`, `custom_endpoint_address`, and `connection_verify`. ## 5.8.0a2 (2022-02-09) ### Features Added - Added support for async `EventHubProducerClient` and `EventHubConsumerClient`. ## 5.8.0a1 (2022-01-13) Version 5.8.0a1 is our first efforts to build an Azure Event Hubs client library based on pure python implemented AMQP stack. ### Breaking changes - The following features have been temporarily pulled out which will be added back in future previews as we work towards a stable release: - Async is not supported. - Passing the

following keyword arguments to the constructors and `from_connection_string` methods of the `EventHubProducerClient` and `EventHubConsumerClient` is not supported: `transport_type`, `http_proxy`, `custom_endpoint_address`, and `connection_verify`. **### Other Changes** - uAMQP dependency is removed. **## 5.7.0 (2022-01-12)** This version and all future versions will require Python 3.6+. Python 2.7 is no longer supported. **### Features Added** - Added support for fixed (linear) retry backoff: - `Sync/async EventHubProducerClient` and `EventHubConsumerClient` constructors and `from_connection_string` take `retry_mode` as a keyword argument. **### Bugs Fixed** - Fixed a bug that `EventHubProducerClient` could be reopened for sending events instead of encountering with `KeyError` when the client is previously closed (issue #21849). **### Other Changes** - Improved token refresh timing to prevent potentially blocking main flow when the token is about to get expired soon. - Updated uAMQP dependency to 1.5.1. **## 5.6.1 (2021-10-06)** **### Bugs Fixed** - Fixed a bug for checking that `azure.eventhub.amqp.AmqpMessageHeader` and `azure.eventhub.amqp.AmqpMessageProperties` contain specific properties using the `in` keyword. **### Other Changes** - Updated uAMQP dependency to 1.4.3. - Added support for Python 3.10. - Fixed memory leak in win32 socketio and tlsio (issue #19777). - Fixed memory leak in the process of converting `AMQPValue` into string (issue #19777). **## 5.6.0 (2021-07-07)** **### Features Added** - Added support for sending AMQP annotated message which allows full access to the AMQP message fields. - Introduced new namespace `azure.eventhub.amqp`. - Added new enum class `azure.eventhub.amqp.AmqpMessageBodyType` to represent the body type of the message which includes: - `DATA`: The body of message consists of one or more data sections and each section contains opaque binary data. - `SEQUENCE`: The body of message consists of one or more sequence sections and each section contains an arbitrary number of structured data elements. - `VALUE`: The body of message consists of one `amqp-value` section and the section contains a single AMQP value. - Introduced new class `azure.eventhub.amqp.AmqpAnnotatedMessage` for accessing low-level amqp message sections which can be instantiated for sending. - Introduced new classes `azure.eventhub.amqp.AmqpMessageHeader` and `azure.eventhub.amqp.AmqpMessageProperties` for accessing amqp header and properties. - Added new property `body_type` on `azure.eventhub.EventData` which returns `azure.eventhub.amqp.AmqpMessageBodyType`. - Added new read-only property `raw_amqp_message` on `azure.eventhub.EventData` which returns `azure.eventhub.amqp.AmqpAnnotatedMessage`. **### Fixed** - Updated uAMQP dependency to 1.4.1. - Fixed a bug that attributes `creation_time`, `absolute_expiry_time` and `group_sequence` on `MessageProperties` should be compatible with integer types on Python 2.7. **## 5.5.0 (2021-05-13)** ****New Features**** - Added support for using `azure.core.credentials.AzureNamedKeyCredential` as credential for authenticating producer and consumer clients. ****Bug Fixes**** - Fixed bug that custom user agent string should be put in front of the built-in user agent string instead of being appended. - Updated uAMQP dependency to 1.4.0. - Fixed memory leaks in the process of link attach where source and target cython objects are not properly deallocated (#15747). - Improved management operation callback not to parse description value of non `AMQP_TYPE_STRING` type as string (#18361). ****Notes**** - Updated `azure-core` dependency to 1.14.0. **## 5.4.0 (2021-04-07)** This version follows from version 5.3.1, rather than 5.4.0b1 so that the preview idempotent producer

feature is not included. ****New Features**** - Added support for using `azure.core.credentials.AzureSasCredential` as credential for authenticating producer and consumer clients. - Updated `list_ownership`, `claim_ownership`, `update_checkpoint`, `list_checkpoints` on sync and async `CheckpointStore` to support taking `**kwargs`. - WARNING: Implementing a custom `checkpointstore` that does not support taking `**kwargs` in the methods listed previously will result in the following pylint error: W0221: Parameters differ from overridden `_____` method (arguments-differ). - Updated `update_checkpoint` on sync and async `PartitionContext` to support taking `**kwargs`. ****Bug Fixes**** - Updated uAMQP dependency to 1.3.0. - Fixed bug that sending message of large size triggering segmentation fault when the underlying socket connection is lost (#13739, #14543). - Fixed bug in link flow control where link credit and delivery count should be calculated based on per message instead of per transfer frame (#16934). ****Notes**** - Updated `azure-core` dependency to 1.13.0. ## 5.4.0b1 (2021-03-09) This version and all future versions will require Python 2.7 or Python 3.6+, Python 3.5 is no longer supported. ****New Features**** - Added support for idempotent publishing which is supported by the service to endeavor to reduce the number of duplicate events that are published. - `EventHubProducerClient` constructor accepts two new parameters for idempotent publishing: - `enable_idempotent_partitions`: A boolean value to tell the `EventHubProducerClient` whether to enable idempotency. - `partition_config`: The set of configurations that can be specified to influence publishing behavior specific to the configured Event Hub partition. - Introduced a new method `get_partition_publishing_properties` on `EventHubProducerClient` to inspect the information about the state of publishing for a partition. - Introduced a new property `published_sequence_number` on `EventData` to get the publishing sequence number assigned to the event at the time it was successfully published. - Introduced a new property `starting_published_sequence_number` on `EventDataBatch` to get the publishing sequence number assigned to the first event in the batch at the time the batch was successfully published. - Introduced a new class `azure.eventhub.PartitionPublishingConfiguration` which is a set of configurations that can be specified to influence the behavior when publishing directly to an Event Hub partition. ****Notes**** - Updated uAMQP dependency to 1.2.15. ## 5.3.1 (2021-03-09) This version will be the last version to officially support Python 3.5, future versions will require Python 2.7 or Python 3.6+. ****Bug fixes**** - Sending empty `event_data_batch` will be a no-op now instead of raising error. ## 5.3.0 (2021-02-08) ****New Features**** - Added a `parse_connection_string` method which parses a connection string into a properties bag, `EventHubConnectionStringProperties`, containing its component parts. - The constructor and `from_connection_string` method of `EventHubConsumerClient` and `EventHubProducerClient` now accept two new optional arguments: - `custom_endpoint_address` which allows for specifying a custom endpoint to use when communicating with the Event Hubs service, and is useful when your network does not allow communicating to the standard Event Hubs endpoint. - `connection_verify` which allows for specifying the path to the custom CA_BUNDLE file of the SSL certificate which is used to authenticate the identity of the connection endpoint. ****Notes**** - Updated uAMQP dependency to 1.2.14. ## 5.2.1 (2021-01-11) ****Bug fixes**** - Updated `azure.eventhub.extension.__init__.py` to be compatible with `pkgutil`-style namespace (PR #13210, thanks @pjachowi). - Updated uAMQP dependency to 1.2.13 - Added support for Python 3.9. - Fixed bug that macOS was unable to detect network error (#15473). - Fixed bug that

`Uamqp.ReceiveClient` and `Uamqp.ReceiveClientAsync` receive messages during connection establishment (#15555). - Fixed bug where connection establishment on macOS with Clang 12 triggering unrecognized selector exception (#15567). - Fixed bug in accessing message properties triggering segmentation fault when the underlying C bytes are NULL (#15568). ## 5.2.0 (2020-09-08) ****New Features**** - Connection strings used with `from_connection_string` methods now supports using the `SharedAccessSignature` key in lieu of `sharedaccesskey` and `sharedaccesskeyname`, taking the string of the properly constructed token as value. ## 5.2.0b1 (2020-07-06) ****New Features**** - `EventHubConsumerClient` constructor accepts two new parameters for the load balancer. - `load_balancing_strategy`, which can be "greedy" or "balanced". With greedy strategy, one execution of load balancing will claim as many partitions as required to balance the load whereas with balanced strategy one execution of load balancing will claim at most 1 partition. - `partition_ownership_expiration_interval`, which allows you to customize the partition ownership expiration for load balancing. A consumer client may lose its owned partitions more often with a smaller expiration interval. But a larger interval may result in idle partitions not being claimed for longer time. - Added enum class `azure.eventhub.LoadBalancingStrategy` for `load_balancing_strategy`. ## 5.1.0 (2020-05-04) ****New Features**** - `EventHubProducerClient.send_batch` accepts either an `EventDataBatch` or a finite list of `EventData`. #9181 - Added `enqueueTime` to span links of distributed tracing. #9599 ****Bug fixes**** - Fixed a bug that turned `azure.eventhub.EventHubConsumerClient` into an exclusive receiver when it has no checkpoint store. #11181 - Updated uAMQP dependency to 1.2.7. - Fixed bug in setting certificate of `tlsio` on MacOS. #7201 - Fixed bug that caused segmentation fault in network tracing on MacOS when setting `logging_enable` to `True` in `EventHubConsumerClient` and `EventHubProducerClient`. ## 5.1.0b1 (2020-04-06) ****New Features**** - Added `EventHubConsumerClient.receive_batch()` to receive and process events in batches instead of one by one. #9184 - `EventHubConsumerClient.receive()` has a new param `max_wait_time`. `on_event` is called every `max_wait_time` when no events are received and `max_wait_time` is not `None` or 0. - Param `event` of `PartitionContext.update_checkpoint` is now optional. The last received event is used when param `event` is not passed in. - `EventData.system_properties` has added missing properties when consuming messages from IoT Hub. #10408 ## 5.0.1 (2020-03-09) ****Bug fixes**** - Fixed a bug that swallowed errors when receiving events with `azure.eventhub.EventHubConsumerClient`. #9660 - Fixed a bug that caused `get_eventhub_properties`, `get_partition_ids`, and `get_partition_properties` to raise an error on Azure Stack #9920 ## 5.0.0 (2020-01-13) ****Breaking changes**** - `EventData` - Removed deprecated property `application_properties` and deprecated method `encode_message()`. - `EventHubConsumerClient` - `on_error` would be called when `EventHubConsumerClient` failed to claim ownership of partitions. - `on_partition_close` and `on_partition_initialize` would be called in the case of exceptions raised by `on_event` callback. - `EventHubConsumerClient` would close and re-open the internal partition receiver in this case. - Default starting position from where `EventHubConsumerClient` should resume receiving after recovering from an error has been re-prioritized. - If there is checkpoint, it will resume from the checkpoint. - If there is no checkpoint but `starting_position` is provided, it will resume from `starting_position`. - If there is no checkpoint or `starting_position`, it will resume from the latest position. - `PartitionContext` -

`update_checkpoint` would do in-memory checkpoint instead of doing nothing when checkpoint store is not explicitly provided. - The in-memory checkpoints would be used for `EventHubConsumerClient` receiving recovering. - `get_partition_ids`, `get_partition_properties`, `get_eventhub_properties` would raise error in the case of service returning an error status code. - `AuthenticationError` would be raised when service returning error code 401. - `ConnectError` would be raised when service returning error code 404. - `EventHubError` would be raised when service returning other error codes. **## 5.0.0b6 (2019-12-03) **Breaking changes**** - All exceptions should now be imported from `azure.eventhub.exceptions`. - Introduced separate `EventHubSharedKeyCredential` objects for synchronous and asynchronous operations. For async, import the credentials object from the `azure.eventhub.aio` namespace. - `EventData` - Renamed property `application_properties` to `properties`. - `EventData` no longer has attribute `last_enqueued_event_properties` - use this on `PartitionContext` instead. - `EventDataBatch` - `EventDataBatch.try_add` has been renamed to `EventDataBatch.add`. - Renamed property `size` to `size_in_bytes`. - Renamed attribute `max_size` to `max_size_in_bytes`. - `EventHubConsumerClient` and `EventHubProducerClient` - Renamed method `get_properties` to `get_eventhub_properties`. - Renamed parameters in constructor: `host` to `fully_qualified_namespace`, `event_hub_path` to `eventhub_name`. - Renamed parameters in `get_partition_properties`: `partition` to `partition_id`. - Renamed parameter `consumer_group_name` to `consumer_group` and moved that parameter from `receive` method to the constructor of `EventHubConsumerClient`. - Renamed parameter `initial_event_position` to `starting_position` on the `receive` method of `EventHubConsumerClient`. - Renamed parameter `event_hub_path` to `eventhub_name` in constructor and `from_connection_string` method of the client object. - `EventHubProducerClient.send` has been renamed to `send_batch` which will only accept `EventDataBatch` object as input. - `EventHubProducerClient.create_batch` now also takes the `partition_id` and `partition_key` as optional parameters (which are no longer specified at send). - Renamed module `PartitionManager` to `CheckpointStore`. - Receive event callback parameter has been renamed to `on_event` and now operates on a single event rather than a list of events. - Removed class `EventPosition`. - The `starting_position` parameter of the `receive` method accepts `offset(str)`, `sequence number(int)`, `datetime(datetime.datetime)` or `dict` of these types. - The `starting_position_inclusive` parameter of the `receive` method accepts `bool` or `dict` indicating whether the given event position is inclusive or not. - `PartitionContext` no longer has attribute `owner_id`. - `PartitionContext` now has attribute `last_enqueued_event_properties` which is populated if `track_last_enqueued_event_properties` is set to `True` in the `receive` method. ****New features**** - Added new parameter `idle_timeout` in construct and `from_connection_string` to `EventHubConsumerClient` and `EventHubProducerClient` after which the underlying connection will close if there is no further activity. **## 5.0.0b5 (2019-11-04) **Breaking changes**** - `EventHubClient`, `EventHubConsumer` and `EventHubProducer` has been removed. Use `EventHubProducerClient` and `EventHubConsumerClient` instead. - Construction of both objects is the same as it was for the previous client. - Introduced `EventHubProducerClient` as substitution for `EventHubProducer`. - `EventHubProducerClient` supports sending events to different partitions. - Introduced `EventHubConsumerClient` as substitution for `EventHubConsumer`. - `EventHubConsumerClient` supports receiving events from single/all partitions. - There are no longer methods which directly return

EventData, all receiving is done via callback method: `on_events`.

- `EventHubConsumerClient` has taken on the responsibility of `EventProcessor`.
- `EventHubConsumerClient` now accepts `PartitionManager` to do load-balancing and checkpoint.
- Replaced `PartitionProcessor` by four independent callback methods accepted by the `receive` method on `EventHubConsumerClient`:
 - `on_events(partition_context, events)` called when events are received.
 - `on_error(partition_context, exception)` called when errors occur.
 - `on_partition_initialize(partition_context)` called when a partition consumer is opened.
 - `on_partition_close(partition_context, reason)` called when a partition consumer is closed.
- Some modules and classes that were importable from several different places have been removed:
 - `azure.eventhub.common` has been removed. Import from `azure.eventhub` instead.
 - `azure.eventhub.client_abstract` has been removed. Use `azure.eventhub.EventHubProducerClient` or `azure.eventhub.EventHubConsumerClient` instead.
 - `azure.eventhub.client` has been removed. Use `azure.eventhub.EventHubProducerClient` or `azure.eventhub.EventHubConsumerClient` instead.
 - `azure.eventhub.producer` has been removed. Use `azure.eventhub.EventHubProducerClient` instead.
 - `azure.eventhub.consumer` has been removed. Use `azure.eventhub.EventHubConsumerClient` instead.
 - `azure.eventhub.aio.client_async` has been removed. Use `azure.eventhub.aio.EventHubProducerClient` or `azure.eventhub.aio.EventHubConsumerClient` instead.
 - `azure.eventhub.aio.producer_async` has been removed. Use `azure.eventhub.aio.EventHubProducerClient` instead.
 - `azure.eventhub.aio.consumer_async` has been removed. Use `azure.eventhub.aio.EventHubConsumerClient` instead.
 - `azure.eventhub.aio.event_processor.event_processor` has been removed. Use `azure.eventhub.aio.EventHubConsumerClient` instead.
 - `azure.eventhub.aio.event_processor.partition_processor` has been removed. Use callback methods instead.
 - `azure.eventhub.aio.event_processor.partition_manager` has been removed. Import from `azure.eventhub.aio` instead.
 - `azure.eventhub.aio.event_processor.partition_context` has been removed. Import from `azure.eventhub.aio` instead.
 - `azure.eventhub.aio.event_processor.sample_partition_manager` has been removed.
- **Bug fixes**
 - Fixed bug in user-agent string not being parsed.
- **New features**
 - Added support for tracing (issue #7153).
 - Added the capability of tracking last enqueued event properties of the partition to `EventHubConsumer`.
 - Added new boolean type parameter `track_last_enqueued_event_properties` in method `EventHubClient.create_consumer()`.
 - Added new property `last_enqueued_event_properties` of `EventHubConsumer` which contains `sequence_number`, `offset`, `enqueued_time` and `retrieval_time` information.
 - By default the capability is disabled as it will cost extra bandwidth for transferring more information if turned on.
- **Breaking changes**
 - Removed support for IoT Hub direct connection. - [EventHubs compatible connection string](https://docs.microsoft.com/azure/iot-hub/iot-hub-devguide-messages-read-builtin) of an IoT Hub can be used to create `EventHubClient` and read properties or events from an IoT Hub.
 - Removed support for sending `EventData` to IoT Hub.
 - Removed parameter `exception` in method `close()` of `EventHubConsumer` and `EventHubProducer`.
 - Updated uAMQP dependency to 1.2.3.
- **5.0.0b3 (2019-09-10) New features**
 - Added support for automatic load balancing among multiple `EventProcessor`.

Added BlobPartitionManager which implements PartitionManager. - Azure Blob Storage is applied for storing data used by EventProcessor. - Packaged separately as a plug-in to EventProcessor. - For details, please refer to [Azure Blob Storage Partition Manager](https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/eventhub/azure-eventhub-checkpointstoreblob-ai). - Added property `system\_properties` on EventData. **Breaking changes**

- Removed constructor method of PartitionProcessor. For initialization please implement the method initialize.
- Replaced CheckpointManager by PartitionContext. - PartitionContext has partition context information and method update_checkpoint.
- Updated all methods of PartitionProcessor to include PartitionContext as part of the arguments.
- Updated accessibility of class members in EventHub/EventHubConsumer/EventHubProducer to be private.
- Moved `azure.eventhub.eventprocessor` under `ai` package, which now becomes `azure.eventhub.ai.eventprocessor`. ## 5.0.0b2 (2019-08-06)

New features

- Added method `create_batch` on the EventHubProducer to create an EventDataBatch that can then be used to add events until the maximum size is reached.
- This batch object can then be used in the `send()` method to send all the added events to Event Hubs.
- This allows publishers to build batches without the possibility of encountering the error around the message size exceeding the supported limit when sending events.
- It also allows publishers with bandwidth concerns to control the size of each batch published.
- Added new configuration parameters for exponential delay between retry operations.
- `retry_total`: The total number of attempts to redo the failed operation.
- `backoff_factor`: The delay time factor.
- `backoff_max`: The maximum delay time in total.
- Added support for context manager on EventHubClient.
- Added new error type `OperationTimeoutError` for send operation.
- Introduced a new class EventProcessor which replaces the older concept of [Event Processor Host](https://docs.microsoft.com/azure/event-hubs/event-hubs-event-processor-host). This early preview is intended to allow users to test the new design using a single instance of EventProcessor. The ability to checkpoints to a durable store will be added in future updates.
- EventProcessor: EventProcessor creates and runs consumers for all partitions of the eventhub.
- PartitionManager: PartitionManager defines the interface for getting/claiming ownerships of partitions and updating checkpoints.
- PartitionProcessor: PartitionProcessor defines the interface for processing events.
- CheckpointManager: CheckpointManager takes responsibility for updating checkpoints during events processing.

Breaking changes

- EventProcessorHost was replaced by EventProcessor, please read the new features for details.
- Replaced `max_retries` configuration parameter of the EventHubClient with `retry_total`. ## 5.0.0b1 (2019-06-25)

Version 5.0.0b1 is a preview of our efforts to create a client library that is user friendly and idiomatic to the Python ecosystem. The reasons for most of the changes in this update can be found in the [Azure SDK Design Guidelines for Python](https://azuresdkspecs.z5.web.core.windows.net/PythonSpec.html). For more information, please visit <https://aka.ms/azure-sdk-preview1-python>.

New features

- Added new configuration parameters for creating EventHubClient.
- `credential`: The credential object used for authentication which implements `TokenCredential` interface of getting tokens.
- `transport_type`: The type of transport protocol that will be used for communicating with the Event Hubs service.
- `max_retries`: The max number of attempts to redo the failed operation when an error happened.
- for detailed information about the configuration parameters, please read the reference documentation.
- Added new methods `get_partition_properties` and

`get_partition_ids`` to `EventHubClient`. - Added support for http proxy. - Added support for authentication using azure-identity credential. - Added support for transport using AMQP over WebSocket. **\*\*Breaking changes\*\*** - New error hierarchy - `azure.error.EventHubError`` - `azure.error.ConnectionLostError`` - `azure.error.ConnectError`` - `azure.error.AuthenticationError`` - `azure.error.EventDataError`` - `azure.error.EventDataSendError`` - Renamed `Sender/Receiver` to `EventHubProducer/EventHubConsumer`. - Renamed `add_sender`` to `create_producer`` and `add_receiver`` to `create_consumer`` in `EventHubClient`. - `EventHubConsumer` is now iterable. - Rename class `azure.eventhub.Offset` to `azure.eventhub.EventPosition`. - Rename method `get_eventhub_info`` to `get_properties`` of `EventHubClient`. - Reorganized connection management, `EventHubClient` is no longer responsible for opening/closing `EventHubProducer/EventHubConsumer`. - Each `EventHubProducer/EventHubConsumer` is responsible for its own connection management. - Added support for context manager on `EventHubProducer` and `EventHubConsumer`. - Reorganized async APIs into "azure.eventhub.aio" namespace and rename to drop the "_async" suffix. - Updated uAMQP dependency to 1.2. **## 1.3.1 (2019-02-28) **BugFixes**** - Fixed bug where datetime offset filter was using a local timestamp rather than UTC. - Fixed stackoverflow error in continuous connection reconnect attempts. **## 1.3.0 (2019-01-29) **BugFixes**** - Added support for auto reconnect on token expiration and other auth errors (issue #89). ****Features**** - Added ability to create `ServiceBusClient` from an existing SAS auth token, including providing a function to auto-renew that token on expiry. - Added support for storing a custom EPH context value in checkpoint (PR #84, thanks @konstantinmiller) **## 1.2.0 (2018-11-29)** - Support for Python 2.7 in `azure.eventhub` module (`azure.eventprocessorhost` will not support Python 2.7). - Parse `EventData.enqueue_time` as a UTC timestamp (issue #72, thanks @vjrantal) **## 1.1.1 (2018-10-03)** - Fixed bug in Azure namespace package. **## 1.1.0 (2018-09-21)** - Changes to `AzureStorageCheckpointLeaseManager`` parameters to support other connection options (issue #61): - The `storage_account_name``, `storage_account_key`` and `lease_container_name`` arguments are now optional keyword arguments. - Added a `sas_token`` argument that must be specified with `storage_account_name`` in place of `storage_account_key``. - Added an `endpoint_suffix`` argument to support storage endpoints in National Clouds. - Added a `connection_string`` argument that, if specified, overrides all other endpoint arguments. - The `lease_container_name`` argument now defaults to "eph-leases" if not specified. - Fix for clients failing to start if run called multiplied times (issue #64). - Added convenience methods `body_as_str`` and `body_as_json`` to `EventData` object for easier processing of message data. **## 1.0.0 (2018-08-22)** - API stable. - Renamed internal `_async`` module to `async_ops`` for docs generation. - Added optional `auth_timeout`` parameter to `EventHubClient`` and `EventHubClientAsync`` to configure how long to allow for token negotiation to complete. Default is 60 seconds. - Added optional `send_timeout`` parameter to `EventHubClient.add_sender`` and `EventHubClientAsync.add_async_sender`` to determine the timeout for Events to be successfully sent. Default value is 60 seconds. - Reformatted logging for performance. **## 0.2.0 (2018-08-06)** - Stability improvements for EPH. - Updated uAMQP version. - Added new configuration options for Sender and Receiver; `keep_alive`` and `auto_reconnect``. These flags have been added to the following: - `EventHubClient.add_receiver`` - `EventHubClient.add_sender`` - `EventHubClientAsync.add_async_receiver`` - `EventHubClientAsync.add_async_sender`` - `EPHOptions.keep_alive_interval``

EPHOptions.auto_reconnect_on_error`## 0.2.0rc2 (2018-07-29) - **Breaking change** EventData.offset`will now return an object of type ~uamqp.common.Offset`rather than str. The original string value can be retrieved from ~uamqp.common.Offset.value.` - Each sender/receiver will now run in its own independent connection. - Updated uAMQP dependency to 0.2.0 - Fixed issue with IoT Hub clients not being able to retrieve partition information. - Added support for HTTP proxy settings to both EventHubClient and EPH. - Added error handling policy to automatically reconnect on retryable error. - Added keep-alive thread for maintaining an unused connection. ## 0.2.0rc1 (2018-07-06) - **Breaking change** Restructured library to support Python 3.7. Submodule `async` has been renamed and all classes from this module can now be imported from azure.eventhub directly. - **Breaking change** Removed optional `callback` argument from Receiver.receive`and AsyncReceiver.receive`. - **Breaking change** EventData.properties`has been renamed to EventData.application\_properties`. This removes the potential for messages to be processed via callback for not yet returned in the batch. - Updated uAMQP dependency to v0.1.0 - Added support for constructing IoT Hub connections. - Fixed memory leak in receive operations. - Dropped Python 2.7 wheel support. ## 0.2.0b2 (2018-05-29) - Added `namespace\_suffix` to EventHubConfig() to support national clouds. - Added `device\_id` attribute to EventData to support IoT Hub use cases. - Added message header to workaround service bug for PartitionKey support. - Updated uAMQP dependency to vRC1. ## 0.2.0b1 (2018-04-20) - Updated uAMQP to latest version. - Further testing and minor bug fixes. ## 0.2.0a2 (2018-04-02) - Updated uAMQP dependency.

Package Info

Package Author(s)	azpysdkhelp@microsoft.com
Package Manager	Pip
Project URL	https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/eventhub/azure-eventhub
Package Download URL	https://files.pythonhosted.org/packages/20/bf/96eec5aa57cb08f1e84e1dfa3888e52dbba53e218596cdab5b61d795a1ae/azure_eventhub-5.15.1.tar.gz
Dependency Path	azure-eventhub, azure-eventhub-checkpointstoreblob > azure-eventhub

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None

Notice File(s)

None

azure-eventhub-checkpointstoreblob 1.2.0

pip+azure-eventhub-checkpointstoreblob\$1.2.0 •

Direct

Description

Azure EventHubs Checkpoint Store using Storage Blobs client library for Python Azure EventHubs Checkpoint Store is used for storing checkpoints while processing events from Azure Event Hubs. This Checkpoint Store package works as a plug-in package to EventHubConsumerClient. It uses Azure Storage Blob as the persistent store for maintaining checkpoints and partition ownership information. Please note that this is a sync library, for async version of the Azure EventHubs Checkpoint Store client library, please refer to [azure-eventhub-checkpointstoreblob-aiio](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob-aiio). [Source code](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob/) | [Package (PyPi)](https://pypi.org/project/azure-eventhub-checkpointstoreblob) | [Package (Conda)](https://anaconda.org/microsoft/azure-eventhub/) | [API reference documentation](https://azuresdkdocs.z19.web.core.windows.net/python/azure-eventhub/latest/azure.eventhub.html#azure.eventhub.CheckpointStore) | [Azure EventHubs documentation](https://learn.microsoft.com/azure/event-hubs/) | [Azure Storage documentation](https://learn.microsoft.com/azure/storage/) ## _Disclaimer_ _Azure SDK Python packages support for Python 2.7 has ended 01 January 2022. For more information and questions, please refer to [https://github.com/Azure/azure-sdk-for-python/issues/20691_ ## Getting started ### Prerequisites - Python 3.8 or later. - **Microsoft Azure Subscription:** To use Azure services, including Azure Event Hubs, you'll need a subscription. If you do not have an existing Azure account, you may sign up for a free trial or use your MSDN subscriber benefits when you [create an account](https://azure.microsoft.com/). - **Event Hubs namespace with an Event Hub:** To interact with Azure Event Hubs, you'll also need to have a namespace and Event Hub available. If you are not familiar with creating Azure resources, you may wish to follow the step-by-step guide for [creating an Event Hub using the Azure portal](https://learn.microsoft.com/azure/event-hubs/event-hubs-create). There, you can also find detailed instructions for using the Azure CLI, Azure PowerShell, or Azure Resource Manager (ARM) templates to create an Event Hub. - **Azure Storage Account:** You'll need to have an Azure Storage Account and create a Azure Blob Storage Block Container to store the checkpoint data with blobs. You may follow the guide [creating an Azure Block Blob Storage Account](https://learn.microsoft.com/azure/storage/blobs/storage-blob-create-account-block-blob). ### Install the package`\$ pip install azure-eventhub-checkpointstoreblob` ## Key concepts ### Checkpointing Checkpointing is a process by which readers mark or commit their position within a partition event sequence. Checkpointing is the responsibility of the consumer and occurs on a per-partition basis within a consumer group. This responsibility

means that for each consumer group, each partition reader must keep track of its current position in the event stream, and can inform the service when it considers the data stream complete. If a reader disconnects from a partition, when it reconnects it begins reading at the checkpoint that was previously submitted by the last reader of that partition in that consumer group. When the reader connects, it passes the offset to the event hub to specify the location at which to start reading. In this way, you can use checkpointing to both mark events as "complete" by downstream applications, and to provide resiliency if a failover between readers running on different machines occurs.

It is possible to return to older data by specifying a lower offset from this checkpointing process. Through this mechanism, checkpointing enables both failover resiliency and event stream replay.

Offsets & sequence numbers

Both offset & sequence number refer to the position of an event within a partition. You can think of them as a client-side cursor. The offset is a byte numbering of the event. The offset/sequence number enables an event consumer (reader) to specify a point in the event stream from which they want to begin reading events. You can specify a timestamp such that you receive events enqueued only after the given timestamp. Consumers are responsible for storing their own offset values outside of the Event Hubs service. Within a partition, each event includes an offset, sequence number and the timestamp of when it was enqueued.

Examples - [Create an Azure EventHubs EventHubConsumerClient](#create-an-eventhubconsumerclient) - [Consume events using a BlobCheckpointStore](#consume-events-using-a-blobcheckpointstore-to-do-checkpoint)

Create an EventHubConsumerClient`The easiest way to create a EventHubConsumerClient`is to use a connection string. python from

azure.eventhub import EventHubConsumerClient eventhub_client =

EventHubConsumerClient.from_connection_string("my_eventhub_namespace_connection_string",

"my_consumer_group", eventhub_name="my_eventhub")`For other ways of

creating a EventHubConsumerClient, refer to [EventHubs library]

([https://github.com/Azure/azure-sdk-for-](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub)

[python/blob/main/sdk/eventhub/azure-eventhub](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub)) for more details. ###

Consume events using a BlobCheckpointStore`to do checkpoint python from

azure.eventhub import EventHubConsumerClient from

azure.eventhub.extensions.checkpointstoreblob import BlobCheckpointStore

connection_str = '<< CONNECTION STRING FOR THE EVENT HUBS

NAMESPACE >>' consumer_group = '<< CONSUMER GROUP >>'

eventhub_name = '<< NAME OF THE EVENT HUB >>' storage_connection_str =

'<< CONNECTION STRING OF THE STORAGE >>' container_name = '<<

STORAGE CONTAINER NAME>>' def on_event(partition_context, event): # Put

your code here. partition_context.update_checkpoint(event) # Or

update_checkpoint every N events for better performance. def main():

checkpoint_store = BlobCheckpointStore.from_connection_string(

storage_connection_str, container_name) client =

EventHubConsumerClient.from_connection_string(connection_str,

consumer_group, eventhub_name=eventhub_name,

checkpoint_store=checkpoint_store,) with client: client.receive(on_event) if

__name__ == '__main__': main() ##### Use BlobCheckpointStore`with a

different version of Azure Storage Service API Some environments have

different versions of Azure Storage Service API. BlobCheckpointStore`by

default uses the Storage Service API version 2019-07-07. To use it against a

different version, specify `api\_version`when you create the

BlobCheckpointStore`object. ## Troubleshooting ### General Enabling

logging will be helpful to do trouble shooting. ### Logging - Enable

`azure.eventhub.extensions.checkpointstoreblob`logger` to collect traces from the library. - Enable `azure.eventhub`logger` to collect traces from the main `azure-eventhub` library. - Enable `azure.eventhub.extensions.checkpointstoreblob._vendor.storage`logger` to collect traces from `azure storage blob` library. - Enable `uamqp`logger` to collect traces from the underlying `uAMQP` library. - Enable AMQP frame level trace by setting `logging_enable=True`` when creating the client. ## Next steps ### More sample code Get started with our [EventHubs Checkpoint Store samples](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob/samples). - [receive_events_using_checkpoint_store.py](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob/samples/receive_events_using_checkpoint_store.py) - EventHubConsumerClient with blob checkpoint store example - [receive_events_using_checkpoint_store_storage_api_version.py](https://github.com/Azure/azure-sdk-for-python/blob/main/sdk/eventhub/azure-eventhub-checkpointstoreblob/samples/receive_events_using_checkpoint_store_storage_api_version.py) - EventHubConsumerClient with blob checkpoint store and storage version example ### Documentation Reference documentation is available [here](https://azuresdkdocs.z19.web.core.windows.net/python/azure-eventhub/latest/azure.eventhub.html#azure.eventhub.CheckpointStore). ### Provide Feedback If you encounter any bugs or have suggestions, please file an issue in the [Issues](https://github.com/Azure/azure-sdk-for-python/issues) section of the project. ## Contributing This project welcomes contributions and suggestions. Most contributions require you to agree to a Contributor License Agreement (CLA) declaring that you have the right to, and actually do, grant us the rights to use your contribution. For details, visit <https://cla.microsoft.com>. When you submit a pull request, a CLA-bot will automatically determine whether you need to provide a CLA and decorate the PR appropriately (e.g., label, comment). Simply follow the instructions provided by the bot. You will only need to do this once across all repos using our CLA. This project has adopted the [Microsoft Open Source Code of Conduct](https://opensource.microsoft.com/codeofconduct/). For more information see the [Code of Conduct FAQ](https://opensource.microsoft.com/codeofconduct/faq/) or contact opencode@microsoft.com with any additional questions or comments. # Release History ## 1.2.0 (2025-02-13) This version and all future versions will require Python 3.8+. Python 2.7, 3.6, and 3.7 are no longer supported. ### Bugs Fixed - Fixed a bug with `BlobCheckpointStore.claim_ownership`` mutating the `ownership_list`` argument to no longer mutate the argument. - Updated `azure-core`` dependency to 1.20.1 to fix `chardet`` ImportError. ### Other Changes - Updated vendor `azure-storage-blob` dependency to v12.24.0. - Fixed typing/linting issues and other bugs. See `azure-storage-blob CHANGELOG.md` for more info. ## 1.1.4 (2021-04-07) This version and all future versions will require Python 2.7 or Python 3.6+, Python 3.5 is no longer supported. **New features** - Updated `list_ownership``, `claim_ownership``, `update_checkpoint``, `list_checkpoints`` on `BlobCheckpointStore`` to support taking `**kwargs``. ## 1.1.3 (2021-03-09) This version will be the last version to officially support Python 3.5, future versions will require Python 2.7 or Python 3.6+. **Bug fixes** - Updated vendor `azure-storage-blob` dependency to v12.7.1. - Fixed storage blob authentication failure due to request date header too old (#16192). ## 1.1.2

(2021-01-11) ****Bug fixes**** - Fixed a bug that BlobCheckpointStore.list_ownership` and BlobCheckpointStore.list\_checkpoints` triggering KeyError` due to reading empty metadata of parent node when working with Data Lake enabled Blob Storage. ## 1.1.1 (2020-09-08) ****Bug fixes**** - Fixed a bug that may gradually slow down retrieving checkpoint data from the storage blob if the storage account "File share soft delete" is enabled. #12836 ## 1.1.0 (2020-03-09) ****New features**** - Param `api\_version` of BlobCheckpointStore` now supports older versions of Azure Storage Service API. ## 1.0.0 (2020-01-13) Stable release. No new features or API changes. ## 1.0.0b6 (2019-12-04) **\*\*Breaking changes\*\*** - Renamed BlobPartitionManager` to BlobCheckpointStore`. - Constructor of BlobCheckpointStore` has been updated to take the storage container details directly rather than an instance of ContainerClient`. - A from\_connection\_string` constructor has been added for Blob Storage connection strings. - Module blobstoragepm` is now internal, all imports should be directly from azure.eventhub.extensions.checkpointstoreblob`. - BlobCheckpointStore` now has a close()` function for shutting down an HTTP connection pool, additionally the object can be used in a context manager to manage the connection. ## 1.0.0b5 (2019-11-04) ****New features**** - BlobPartitionManager` that uses Azure Blob Storage Block Blob to store EventProcessor checkpoint data ![Impressions](https://azure-sdk-impressions.azurewebsites.net/api/impressions/azure-sdk-for-python/sdk/eventhub/azure-eventhub-checkpointstoreblob/HISTORY.png)

Package Info

Package Author(s)	azpysdkhelp@microsoft.com
Package Manager	Pip
Project URL	https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/eventhub/azure-eventhub-checkpointstoreblob
Package Download URL	https://files.pythonhosted.org/packages/0d/f1/b683ef6e5e053401023453ef0ba77b6e029e5efbc5fa1468a36b0affac25/azure_eventhub_checkpointstoreblob-1.2.0.tar.gz
Dependency Path	azure-eventhub-checkpointstoreblob

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None

Notice File(s)

None

azure-identity 1.25.3

pip+azure-identity\$1.25.3 •

Direct

Description

Microsoft Azure Identity Library for Python

Package Info

Package Author(s)	Microsoft Corporation <azpysdkhelp@microsoft.com> License-Expression: MIT
Package Manager	Pip
Project URL	https://pypi.org/project/azure-identity/
Package Download URL	https://files.pythonhosted.org/packages/c5/0e/3a63efb48aa4a5ae2cfca61ee152fbc668092134d3eb8bfda472dd5c617/azure_identity-1.25.3.tar.gz
Dependency Path	azure-identity

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None

Notice File(s)

None

azure-mgmt-compute 38.0.0

pip+azure-mgmt-compute\$38.0.0 •

Direct

Description

Microsoft Azure Compute Management Client Library for Python

Package Info

Package Author(s)	Microsoft Corporation <azpysdkhelp@microsoft.com>
Package Manager	Pip

Project URL	https://pypi.org/project/azure-mgmt-compute/
Package Download URL	https://files.pythonhosted.org/packages/4f/ee/a143c8395267aea8d735c5336519ef94eeaa45f235c89c06f417d1d2ce60/azure_mgmt_compute-38.0.0.tar.gz
Dependency Path	azure-mgmt-compute
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Discovered License(s)	
None	
Notice File(s)	
None	

azure-mgmt-resource 25.0.0

pip+azure-mgmt-resource\$25.0.0 •

Direct

Description	
Microsoft Azure Resource Management Client Library for Python	
Package Info	
Package Author(s)	Microsoft Corporation <azpysdkhelp@microsoft.com>
Package Manager	Pip
Project URL	https://pypi.org/project/azure-mgmt-resource/
Package Download URL	https://files.pythonhosted.org/packages/d7/7e/b3f9d544a94782be9c5ab8123d2fa7fb20cbdf3f5a16b883f308865e1406/azure_mgmt_resource-25.0.0.tar.gz
Dependency Path	azure-mgmt-resource
Declared License(s)	
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Copyright(s)	Microsoft Corporation.

Discovered License(s)

None

Notice File(s)

None

azure-storage-blob 12.29.0

pip+azure-storage-blob\$12.29.0 •

Direct

Description

Microsoft Azure Blob Storage Client Library for Python

Package Info

Package Author(s)	ascl@microsoft.com
Package Manager	Pip
Project URL	https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/storage/azure-storage-blob
Package Download URL	https://files.pythonhosted.org/packages/59/25/fdcf1e381922dbab8ba23d6fd78d397fe6cbac6b480310218834b7bc91fe/azure_storage_blob-12.29.0.tar.gz
Dependency Path	azure-storage-blob

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None

Notice File(s)

None

cattrs 23.1.2

pip+cattrs\$23.1.2 •

Direct

Description

Composable complex class support for attrs and dataclasses.

Package Info

Package Author(s)	Tin Tvrtkovic <tinchester@gmail.com>
Package Manager	Pip
Project URL	https://pypi.org/project/cattr/
Package Download URL	https://files.pythonhosted.org/packages/68/d4/27f9fd840e74d51b6d6a024d39ff495b56ffde71d28eb82758b7b85d0617/cattr-23.1.2.tar.gz
Dependency Path	cattr

Declared License(s)

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Copyright(s)	2016 Tin Tvrtković

Discovered License(s)

None	
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Notice File(s)

None	
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certifi 2025.8.3

pip+certifi\$2025.8.3 • [Direct](#)

Description

Python package for providing Mozilla's CA Bundle.

Package Info

Package Author(s)	me@kennethreitz.com
Package Manager	Pip
Project URL	https://github.com/certifi/python-certifi
Package Download URL	https://files.pythonhosted.org/packages/dc/67/960ebe6bf230a96cda2e0abcf73af550ec4f090005363542f0765df162e0/certifi-2025.8.3.tar.gz
Dependency Path	ssh://git@github.com/splunk/splunksdcm.git > requests > certifi, azure-core > requests > certifi, azure-data-tables > azure-core > requests > certifi, azure-identity > msal > requests > certifi, azure-identity > msal-extensions > msal > requests > certifi, certifi, requests > certifi, splunktalib > requests > certifi,

splunktaucclib > requests > certifi, splunktaucclib > splunktalib > requests > certifi

Declared License(s)

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None

Notice File(s)

None

cryptography 50.0.0

pip+cryptography\$50.0.0 •

Direct

Description

pyca/cryptography ===== .. image::
https://img.shields.io/pypi/v/cryptography.svg :target:
https://pypi.org/project/cryptography/ :alt: Latest Version .. image::
https://readthedocs.org/projects/cryptography/badge/?version=latest
:target: https://cryptography.io :alt: Latest Docs .. image::
https://github.com/pyca/cryptography/workflows/CI/badge.svg?
branch=main :target: https://github.com/pyca/cryptography/actions?
query=workflow%3ACI+branch%3Amain `cryptography` is a package which
provides cryptographic recipes and primitives to Python developers. Our
goal is for it to be your "cryptographic standard library". It supports Python
3.7+ and PyPy3 7.3.11+. `cryptography` includes both high level recipes and
low level interfaces to common cryptographic algorithms such as symmetric
ciphers, message digests, and key derivation functions. For example, to
encrypt something with `cryptography`'s high level symmetric encryption
recipe: .. code-block:: pycon >>> from cryptography.fernet import Fernet >>>
Put this somewhere safe! >>> key = Fernet.generate_key() >>> f =
Fernet(key) >>> token = f.encrypt(b"A really secret message. Not for prying
eyes.") >>> token b'...' >>> f.decrypt(token) b'A really secret message. Not for
prying eyes.' You can find more information in the `documentation`. You can
install `cryptography` with: .. code-block:: console \$ pip install cryptography
For full details see the installation `documentation`. Discussion ~~~~~ If
you run into bugs, you can file them in our issue tracker`. We maintain a
`cryptography-dev` mailing list for development discussion. You can also join
`#pyca` on `irc.libera.chat` to ask questions or get involved. Security ~~~~~
Need to report a security issue? Please consult our `security reporting`
documentation. .. _documentation: https://cryptography.io/ .. _the installation
documentation: https://cryptography.io/en/latest/installation/ .. _issue
tracker: https://github.com/pyca/cryptography/issues .. _cryptography-dev:
https://mail.python.org/mailman/listinfo/cryptography-dev .. _security
reporting: https://cryptography.io/en/latest/security/

Package Info

Package Author(s)	The Python Cryptographic Authority and individual contributors <cryptography-dev@python.org>
Package Manager	Pip
Project URL	https://pypi.org/project/cryptography/
Package Download URL	https://files.pythonhosted.org/packages/de/41/6cbdcf9142d00fe82836fbb51e503e58088575cf7a0fe1dbff6695bf0840/cryptography-50.0.0.tar.gz
Dependency Path	azure-eventhub-checkpointstoreblob > cryptography, azure-identity > cryptography, azure-identity > msal > cryptography, azure-identity > msal > pyjwt > cryptography, azure-identity > msal-extensions > msal > cryptography, azure-identity > msal-extensions > msal > pyjwt > cryptography, azure-storage-blob > cryptography, cryptography

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None

Notice File(s)

None

exceptiongroup 1.3.1

pip+exceptiongroup\$1.3.1 • [Direct](#)

Description

Backport of PEP 654 (exception groups)

Package Info

Package Author(s)	Alex Grönholm <alex.gronholm@nextday.fi>
Package Manager	Pip
Project URL	https://pypi.org/project/exceptiongroup/
Package Download URL	https://files.pythonhosted.org/packages/50/79/66800aadf48771f6b62f7eb014e352e5d06856655206165d775e675a02c9/exceptiongroup-1.3.1.tar.gz

Dependency Path cattrs > exceptiongroup, exceptiongroup

Declared License(s)

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None

Notice File(s)

None

grpcio 1.74.0

pip+grpcio\$1.74.0 • Direct

Description

HTTP/2-based RPC framework

Package Info

Package Author(s) The gRPC Authors <grpc-io@googlegroups.com>

Package Manager Pip

Project URL <https://pypi.org/project/grpcio/>

Package Download URL <https://files.pythonhosted.org/packages/38/b4/35feb8f7cab7239c5b94bd2db71abb3d6adb5f335ad8f131abb6060840b6/grpcio-1.74.0.tar.gz>

Dependency Path grpcio, opentelemetry-exporter-otlp-proto-grpc > grpcio, solnlib > grpcio, solnlib > opentelemetry-exporter-otlp-proto-grpc > grpcio, splunktaucclib > solnlib > grpcio, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > grpcio

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<http://www.winimage.com/zLibDll/minizip.html>)

ISC

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Copyright(s) 2009 - 2013 by Daniel Stenberg et al

Zlib

Copyright(s) 2003, 2012, 2013 Mark Adler

Notice File(s)

None

idna 3.16

pip+idna\$3.16 •

Direct

Description

Internationalized Domain Names in Applications (IDNA)

Package Info

Package Author(s) Kim Davies <kim+pypi@gumleaf.org>

Package Manager Pip

Project URL <https://pypi.org/project/idna/>

Package Download URL <https://files.pythonhosted.org/packages/1a/88/bcf9709822fe69d02c2a6a77956c98ce6ea8ca8767a9aadcedc7eb6a2390/idna-3.16.tar.gz>

Dependency Path ssh://git@github.com/splunk/splunksdc.git > requests > idna, azure-core > requests > idna, azure-data-tables > yarl > idna, azure-identity > msal > requests > idna, azure-identity > msal-extensions > msal > requests > idna, idna, requests > idna, splunktalib > requests > idna, splunktaucclib > requests > idna, splunktaucclib > splunktalib > requests > idna

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Discovered License(s)

None

Notice File(s)

None

isodate 0.7.2

pip+isodate\$0.7.2 •

Direct

Description

An ISO 8601 date/time/duration parser and formatter

Package Info

Package Author(s)	Gerhard Weis
Package Manager	Pip
Project URL	https://pypi.org/project/isodate/
Package Download URL	https://files.pythonhosted.org/packages/54/4d/e940025e2ce31a8ce1202635910747e5a87cc3a6a6bb2d00973375014749/isodate-0.7.2.tar.gz
Dependency Path	azure-data-tables > isodate, azure-eventhub-checkpointstoreblob > isodate, azure-mgmt-compute > isodate, azure-mgmt-resource > isodate, azure-storage-blob > isodate, isodate

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Discovered License(s)

None

Notice File(s)

None

opentelemetry-api 1.39.1

pip+opentelemetry-api\$1.39.1 •

Direct

Description

OpenTelemetry Python API

Package Info

Package Author(s)	OpenTelemetry Authors <cncf-opentelemetry-contributors@lists.cncf.io>
Package Manager	Pip
Project URL	https://pypi.org/project/opentelemetry-api/
Package Download URL	https://files.pythonhosted.org/packages/97/b9/3161be15bb8e3ad01be8be5a968a9237c3027c5be504362ff800fca3e442/opentelemetry_api-1.39.1.t

[ar.gz](#)

Dependency Path

opentelemetry-api, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-api, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api, opentelemetry-sdk > opentelemetry-api, opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api, solnlib > opentelemetry-api, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api, solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api, splunktaucclib > solnlib > opentelemetry-api, splunktaucclib > solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api

Declared License(s)

Apache-2.0

Copyright(s)

The OpenTelemetry Authors

Discovered License(s)

None

Notice File(s)

None

opentelemetry-exporter-otlp-proto-grpc 1.39.1

pip+opentelemetry-exporter-otlp-proto-grpc\$1.39.1 •

Direct

Description

OpenTelemetry Collector Protobuf over gRPC Exporter

Package Info

Package Author(s)

OpenTelemetry Authors <cncf-opentelemetry-contributors@lists.cncf.io>

Package Manager

Pip

Project URL

<https://pypi.org/project/opentelemetry-exporter-otlp-proto-grpc/>

Package Download URL

https://files.pythonhosted.org/packages/53/48/b329fed2c610c2c32c9366d9dc597202c9d1e58e631c137ba15248d8850f/opentelemetry_exporter_otlp_proto_grpc-1.39.1.tar.gz

Dependency Path

opentelemetry-exporter-otlp-proto-grpc, solnlib > opentelemetry-exporter-otlp-proto-grpc, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc

Declared License(s)

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Copyright(s)

The OpenTelemetry Authors

Discovered License(s)

None

Notice File(s)

None

opentelemetry-sdk 1.39.1

None

raw-loader 4.0.2

npm+raw-loader\$4.0.2 •

Direct

Description

A loader for webpack that allows importing files as a String

Package Info

Package Author(s) bebraw@gmail.com, eric@smarterspam.com, mail@johannesewald.de, michael.ciniawsky@gmail.com, sean.larkin@cuw.edu, sheo13666q@gmail.com, tobias.koppers@googlemail.com, wiens.joshua@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/raw-loader>

Package Download URL <https://registry.npmjs.org/raw-loader/-/raw-loader-4.0.2.tgz>

Dependency Path raw-loader

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None

Notice File(s)

None

react 16.14.0

npm+react\$16.14.0 •

Direct

Description

React is a JavaScript library for building user interfaces.

Package Info

Package Author(s) opensource+npm@fb.com, react-core@meta.com

Package Manager NPM

Project URL <https://react.dev/>

Package Download URL <https://registry.npmjs.org/react/-/react-16.14.0.tgz>

Dependency Path react

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None

Notice File(s)

None

react-dom 16.14.0

npm+react-dom\$16.14.0 • [Direct](#)

Description

React package for working with the DOM.

Package Info

Package Author(s) opensource+npm@fb.com, react-core@meta.com

Package Manager NPM

Project URL <https://react.dev/>

Package Download URL <https://registry.npmjs.org/react-dom/-/react-dom-16.14.0.tgz>

Dependency Path react-dom

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Discovered License(s)

None

Notice File(s)	
None	
requests 2.32.5	pip+requests\$2.32.5 • Direct
Description	
Python HTTP for Humans.	
Package Info	
Package Author(s)	Kenneth Reitz <me@kennethreitz.org>
Package Manager	Pip
Project URL	https://pypi.org/project/requests/
Package Download URL	https://files.pythonhosted.org/packages/c9/74/b3ff8e6c8446842c3f5c837e9c3dfcf2018ea6ecef224c710c85ef728f4/requests-2.32.5.tar.gz
Dependency Path	ssh://git@github.com/splunk/splunksdsc.git > requests, azure-core > requests, azure-data-tables > azure-core > requests, azure-eventhub > azure-core > requests, azure-identity > msal > requests, azure-identity > msal-extensions > msal > requests, requests, splunktalib > requests, splunktaucclib > requests, splunktaucclib > splunktalib > requests
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File Path	NOTICE
Notice Text	Requests Copyright 2019 Kenneth Reitz
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solnlib 8.1.0

pip+solnlib\$8.1.0 •

Direct

Description

The Splunk Software Development Kit for Splunk Solutions

Package Info

Package Author(s)	addonfactory@splunk.com
Package Manager	Pip
Project URL	https://github.com/splunk/addonfactory-solutions-library-python
Package Download URL	https://files.pythonhosted.org/packages/21/3c/5501f1d50fae9c6ce9150d711e6d0120cbef6856275132e16b911ebddd9c/solnlib-8.1.0.tar.gz
Dependency Path	solnlib, splunktaucclib > solnlib

Declared License(s)

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None

Notice File(s)

None

sortedcontainers 2.4.0

pip+sortedcontainers\$2.4.0 •

Direct

Description

Sorted Containers -- Sorted List, Sorted Dict, Sorted Set

Package Info

Package Author(s)	contact@grantjenks.com
Package Manager	Pip
Project URL	http://www.grantjenks.com/docs/sortedcontainers/

Package Download URL <https://files.pythonhosted.org/packages/e8/c4/ba2f8066cceb6f23394729afe52f3bf7adec04bf9ed2c820b39e19299111/sortedcontainers-2.4.0.tar.gz>

Dependency Path ssh://git@github.com/splunk/splunksdsc.git > sortedcontainers, solnlib > sortedcontainers, sortedcontainers, splunktalib > sortedcontainers, splunktaucclib > solnlib > sortedcontainers, splunktaucclib > splunktalib > sortedcontainers

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Notice File(s)

None

splunk-sdk 2.1.0

pip+splunk-sdk\$2.1.0 • Direct

Description

None

Package Info

Package Author(s) devinfo@splunk.com

Package Manager Pip

Project URL <http://github.com/splunk/splunk-sdk-python>

Package Download URL <https://files.pythonhosted.org/packages/2c/89/31974e00319b750a5a126717d286e8addb683554454fed1ae6c86977cbcf/splunk-sdk-2.1.0.tar.gz>

Dependency Path ssh://git@github.com/splunk/splunksdsc.git > splunk-sdk, solnlib > splunk-sdk, splunk-sdk, splunktaucclib > solnlib > splunk-sdk, splunktaucclib > splunk-sdk

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Notice File(s)

None

splunktalib 3.0.6

pip+splunktalib\$3.0.6 •

Direct

Description

Supporting library for Splunk Add-ons

Package Info

Package Author(s)	rfaircloth@splunk.com
Package Manager	Pip
Project URL	https://github.com/splunk/addonfactory-ta-library-python
Package Download URL	https://files.pythonhosted.org/packages/fa/e6/c2010c0b1b29b90d83b1a4eb8be59a9773f9fd316724024411c34555b5cc/splunktalib-3.0.6.tar.gz
Dependency Path	splunktalib, splunktaucclib > splunktalib

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None

Notice File(s)

None

splunktaucclib 6.6.0

pip+splunktaucclib\$6.6.0 •

Direct

Description

None

Package Info

Package Author(s)	addonfactory@splunk.com
Package Manager	Pip
Project URL	https://pypi.org/project/splunktaucclib/
Package Download URL	https://files.pythonhosted.org/packages/04/44/3ff499ad18a8407bc82a5676493edd1509943e75bbf0703f6ba28635f72f/splunktaucclib-6.6.0.tar.gz
Dependency Path	splunktaucclib

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Discovered License(s)

None

Notice File(s)

None

ssh://git@github.com/splunk/splunksdc.git v1.2.1 git+ssh://git@github.com/splunk/splunksdc.git\$ v1.2.1 • [Direct](#)

Description

None

Package Info

Package Author(s)	None
Package Manager	Git
Project URL	None
Package Download URL	None
Dependency Path	ssh://git@github.com/splunk/splunksdc.git

Declared License(s)

None

Discovered License(s)

None

Notice File(s)

None

styled-components 5.3.11

npm+styled-components\$5.3.11 •

Direct

Description

Fast, expressive styling for React.

Package Info

Package Author(s) contact@mxstbr.com, ej@quantizor.dev, phil@kitten.sh

Package Manager NPM

Project URL <https://styled-components.com/>

Package Download URL <https://registry.npmjs.org/styled-components/-/styled-components-5.3.11.tgz>

Dependency Path styled-components

Declared License(s)

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Notice File(s)

None

u-msgpack-python 2.8.0

pip+u-msgpack-python\$2.8.0 •

Direct

Description

A portable, lightweight MessagePack serializer and deserializer written in pure Python.

Package Info

Package Author(s)	v@sergeev.io
Package Manager	Pip
Project URL	https://github.com/vsergeev/u-msgpack-python
Package Download URL	https://files.pythonhosted.org/packages/36/9d/a40411a475e7d4838994b7f6bcc6bfca9acc5b119ce3a7503608c4428b49/u-msgpack-python-2.8.0.tar.gz
Dependency Path	ssh://git@github.com/splunk/splunksd.git > u-msgpack-python, u-msgpack-python

Declared License(s)

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Copyright(s)	2013-2023 vsergeev / Ivan (Vanya) A. Sergeev

Discovered License(s)

None

Notice File(s)

None

underscore 1.13.8

npm+underscore\$1.13.8 • [Direct](#)

Description

JavaScript's functional programming helper library.

Package Info

Package Author(s)	dev@juliangonggrijp.com, jashkenas@gmail.com
Package Manager	NPM
Project URL	https://underscorejs.org/
Package Download URL	https://registry.npmjs.org/underscore/-/underscore-1.13.8.tgz
Dependency Path	underscore

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Notice File(s)

None

urllib3 1.26.19

pip+urllib3\$1.26.19 • [Direct](#)

Description

```
<h1 align="center"> ![urllib3]
(https://github.com/urllib3/urllib3/raw/main/docs/_static/banner_github.svg)
</h1> <p align="center"> <a href="https://pypi.org/project/urllib3"></a> <a href="https://pypi.org/project/urllib3">
</a> <a href="https://discord.gg/urllib3"></a> <a
href="https://github.com/urllib3/urllib3/actions?query=workflow%3ACI">
</a> <a href="https://github.com/urllib3/urllib3/actions?
query=workflow%3ACI"></a> <a
href="https://urllib3.readthedocs.io"></a>
<br> <a href="https://deps.dev/pypi/urllib3"></a> <a href="https://slsa.dev"></a> <a
href="https://bestpractices.coreinfrastructure.org/projects/6227">
</a> </p> urllib3 is a powerful, *user-friendly* HTTP client for Python. Much
of the Python ecosystem already uses urllib3 and you should too. urllib3
brings many critical features that are missing from the Python standard
libraries: - Thread safety. - Connection pooling. - Client-side SSL/TLS
verification. - File uploads with multipart encoding. - Helpers for retrying
requests and dealing with HTTP redirects. - Support for gzip, deflate, brotli,
and zstd encoding. - Proxy support for HTTP and SOCKS. - 100% test
coverage. urllib3 is powerful and easy to use: python3 >>> import urllib3 >>>
resp = urllib3.request("GET", "http://httpbin.org/robots.txt") >>> resp.status
200 >>> resp.data b"User-agent: *\nDisallow: /deny\n" `## Installing urllib3
can be installed with [pip](https://pip.pypa.io): bash $ python -m pip install
```

urllib3 `Alternatively, you can grab the latest source code from [GitHub] (<https://github.com/urllib3/urllib3>):

```
bash $ git clone https://github.com/urllib3/urllib3.git $ cd urllib3 $ pip install .`
```

Documentation urllib3 has usage and reference documentation at [urllib3.readthedocs.io](<https://urllib3.readthedocs.io>). ## Community urllib3 has a [community Discord channel](<https://discord.gg/urllib3>) for asking questions and collaborating with other contributors. Drop by and say hello ☐ ## Contributing urllib3 happily accepts contributions. Please see our [contributing documentation] (<https://urllib3.readthedocs.io/en/latest/contributing.html>) for some tips on getting started. ## Security Disclosures To report a security vulnerability, please use the [Tidelift security contact](<https://tidelift.com/security>). Tidelift will coordinate the fix and disclosure with maintainers. ## Maintainers - [@sethmlarson](<https://github.com/sethmlarson>) (Seth M. Larson) - [@pquentin](<https://github.com/pquentin>) (Quentin Pradet) - [@illia-v](<https://github.com/illia-v>) (Illia Volochii) - [@theacodes](<https://github.com/theacodes>) (Thea Flowers) - [@haikuginger](<https://github.com/haikuginger>) (Jess Shapiro) - [@lukasa](<https://github.com/lukasa>) (Cory Benfield) - [@sigmavirus24](<https://github.com/sigmavirus24>) (Ian Stapleton Cordasco) - [@shazow](<https://github.com/shazow>) (Andrey Petrov) ☐ ## Sponsorship If your company benefits from this library, please consider [sponsoring its development](<https://urllib3.readthedocs.io/en/latest/sponsors.html>). ## For Enterprise Professional support for urllib3 is available as part of the [Tidelift Subscription][1]. Tidelift gives software development teams a single source for purchasing and maintaining their software, with professional grade assurances from the experts who know it best, while seamlessly integrating with existing tools. [1]: https://tidelift.com/subscription/pkg/pypi-urllib3?utm_source=pypi-urllib3&utm_medium=referral&utm_campaign=readme

Package Info

Package Author(s)	Andrey Petrov < andrey.petrov@shazow.net >
Package Manager	Pip
Project URL	https://pypi.org/project/urllib3/
Package Download URL	https://files.pythonhosted.org/packages/c8/93/65e479b023bbc46dab3e092bda6b0005424ea3217d711964ccdede3f9b1b/urllib3-1.26.19.tar.gz
Dependency Path	ssh://git@github.com/splunk/splunksdcs.git > requests > urllib3, azure-core > requests > urllib3, azure-identity > msal > requests > urllib3, requests > urllib3, splunktalib > requests > urllib3, splunktalib > urllib3, splunktaucclib > requests > urllib3, splunktaucclib > splunktalib > urllib3, splunktaucclib > urllib3, urllib3

Declared License(s)

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Discovered License(s)	
None	
Notice File(s)	
None	
websocket-client 1.8.0 pip+websocket-client\$1.8.0 • Direct	
Description	
WebSocket client for Python with low level API options	
Package Info	
Package Author(s)	liris.pp@gmail.com
Package Manager	Pip
Project URL	https://github.com/websocket-client/websocket-client.git
Package Download URL	https://files.pythonhosted.org/packages/e6/30/fba0d96b4b5fbf5948ed3f4681f7da2f9f64512e1d303f94b4cc174c24a5/websocket_client-1.8.0.tar.gz
Dependency Path	websocket-client
Declared License(s)	
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None	
Notice File(s)	
None	
zippp 3.23.0 pip+zippp\$3.23.0 • Direct	
Description	
Backport of pathlib-compatible object wrapper for zip files	

Package Info

Package Author(s)	"Jason R. Coombs" <jaraco@jaraco.com>
Package Manager	Pip
Project URL	https://pypi.org/project/zippp/
Package Download URL	https://files.pythonhosted.org/packages/e3/02/0f2892c661036d50ede074e376733dca2ae7c6eb617489437771209d4180/zippp-3.23.0.tar.gz
Dependency Path	opentelemetry-api > importlib-metadata > zipp, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-api > importlib-metadata > zipp, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata > zipp, opentelemetry-sdk > opentelemetry-api > importlib-metadata > zipp, opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata > zipp, solnlib > opentelemetry-api > importlib-metadata > zipp, solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata > zipp, splunktaucclib > solnlib > opentelemetry-api > importlib-metadata > zipp, splunktaucclib > solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata > zipp, zipp

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None

Notice File(s)

None

@babel/helper-module-imports 7.28.6

npm+@babel/helper-module-imports\$7.28.6 •

Transitive

Description

Babel helper functions for inserting module loads

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-helper-module-imports
Package Download URL	https://registry.npmjs.org/@babel/helper-module-imports/-/helper-module-imports-7.28.6.tgz
Dependency Path	styled-components > @babel/helper-module-imports, styled-components > babel-plugin-styled-components > @babel/helper-module-imports

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Discovered License(s)

None

Notice File(s)

None

@babel/traverse 7.29.0

npm+@babel/traverse\$7.29.0 •

Transitive

Description

The Babel Traverse module maintains the overall tree state, and is responsible for replacing, removing, and adding nodes

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-traverse
Package Download URL	https://registry.npmjs.org/@babel/traverse/-/traverse-7.29.0.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse, styled-components > @babel/traverse, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse

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None

Notice File(s)

None

@dnd-kit/core 6.3.1

npm+@dnd-kit/core\$6.3.1 •

Transitive

Description

dnd kit – a lightweight React library for building performant and accessible drag and drop experiences

Package Info

Package Author(s)	clauderic.d@gmail.com
Package Manager	NPM
Project URL	https://github.com/clauderic/dnd-kit#readme
Package Download URL	https://registry.npmjs.org/@dnd-kit/core/-/core-6.3.1.tgz
Dependency Path	@splunk/react-ui > @dnd-kit/core

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

@dnd-kit/modifiers 7.0.0

npm+@dnd-kit/modifiers\$7.0.0 •

Transitive

Description

Translate modifier presets for use with '@dnd-kit' packages.

Package Info

Package Author(s)	clauderic.d@gmail.com
Package Manager	NPM
Project URL	https://github.com/clauderic/dnd-kit#readme

Package Download URL	https://registry.npmjs.org/@dnd-kit/modifiers/-/modifiers-7.0.0.tgz
Dependency Path	@splunk/react-ui > @dnd-kit/modifiers
Declared License(s)	
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Discovered License(s)	
None	
Notice File(s)	
None	

@dnd-kit/sortable 8.0.0

npm+@dnd-kit/sortable\$8.0.0
 •

Transitive

Description	
Official sortable preset and sensors for dnd kit	
Package Info	
Package Author(s)	clauderic.d@gmail.com
Package Manager	NPM
Project URL	https://github.com/clauderic/dnd-kit#readme
Package Download URL	https://registry.npmjs.org/@dnd-kit/sortable/-/sortable-8.0.0.tgz
Dependency Path	@splunk/react-ui > @dnd-kit/sortable
Declared License(s)	
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None

Notice File(s)

None

@dnd-kit/utilities 3.2.2

npm+@dnd-kit/utilities\$3.2.2 • Transitive

Description

Internal utilities to be shared between @dnd-kit packages

Package Info

Package Author(s) clauderic.d@gmail.com

Package Manager NPM

Project URL <https://github.com/clauderic/dnd-kit#readme>

Package Download URL <https://registry.npmjs.org/@dnd-kit/utilities/-/utilities-3.2.2.tgz>

Dependency Path @splunk/react-ui > @dnd-kit/core > @dnd-kit/utilities, @splunk/react-ui > @dnd-kit/modifiers > @dnd-kit/utilities, @splunk/react-ui > @dnd-kit/sortable > @dnd-kit/utilities, @splunk/react-ui > @dnd-kit/utilities

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

@emotion/is-prop-valid 1.4.0

npm+@emotion/is-prop-valid\$1.4.0 •

Transitive

Description

A function to check whether a prop is valid for HTML and SVG elements

Package Info

Package Author(s)	emotion-release-bot@hamil.town, kye.hohenberger@gmail.com, mateuszburzynski@gmail.com, npm@emmas.town
Package Manager	NPM
Project URL	https://github.com/emotion-js/emotion/tree/main#readme
Package Download URL	https://registry.npmjs.org/@emotion/is-prop-valid/-/is-prop-valid-1.4.0.tgz
Dependency Path	styled-components > @emotion/is-prop-valid

Declared License(s)

MIT

Copyright(s) Emotion team and other contributors

Discovered License(s)

None

Notice File(s)

None

@emotion/stylis 0.8.5

npm+@emotion/stylis\$0.8.5 • Transitive

Description

A custom build of Stylis

Package Info

Package Author(s)	kye.hohenberger@gmail.com, mitchell+emotion-release-bot@hamil.town, mitchell@mitchellhamilton.me
Package Manager	NPM
Project URL	https://www.npmjs.com/package/@emotion/stylis
Package Download URL	https://registry.npmjs.org/@emotion/stylis/-/stylis-0.8.5.tgz
Dependency Path	styled-components > @emotion/stylis

Declared License(s)

MIT

Copyright(s)	Emotion team and other contributors
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Discovered License(s)

None

Notice File(s)

None

@emotion/unitless 0.7.5

npm+@emotion/unitless\$0.7.5 • Transitive

Description

An object of css properties that don't accept values with units

Package Info

Package Author(s)	emotion-release-bot@hamil.town, kye.hohenberger@gmail.com, mateuszburzynski@gmail.com, npm@emmas.town
Package Manager	NPM
Project URL	https://github.com/emotion-js/emotion/tree/main#readme
Package Download URL	https://registry.npmjs.org/@emotion/unitless/-/unitless-0.7.5.tgz
Dependency Path	styled-components > @emotion/unitless

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

@splunk/themes 0.25.0

npm+@splunk/themes\$0.25.0 •

Transitive

Description

Theme variables and mixins for the Splunk design language

Package Info

Package Author(s)	devinfo@splunk.com, vtsvetkov@splunk.com, webplatform@splunk.com
Package Manager	NPM

Project URL	https://www.npmjs.com/package/@splunk/themes
Package Download URL	https://registry.npmjs.org/@splunk/themes/-/themes-0.25.0.tgz
Dependency Path	@splunk/react-ui > @splunk/themes

Declared License(s)

Apache-2.0

Copyright(s) None

proprietary-license

Copyright(s) Splunk Inc.

Discovered License(s)

None

Notice File(s)

None

attrs 26.1.0

pip+attrs\$26.1.0 •

Transitive

Description

Classes Without Boilerplate

Package Info

Package Author(s) Hynek Schlawack <hs@ox.cx>

Package Manager

Project URL <https://pypi.org/project/attrs/>

Package Download URL <https://files.pythonhosted.org/packages/9a/8e/82a0fe20a541c03148528be8cac2408564a6c9a0cc7e9171802bc1d26985/attrs-26.1.0.tar.gz>

Dependency Path cattrs > attrs

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

azure-mgmt-core 1.6.0

pip+azure-mgmt-core\$1.6.0 • Transitive

Description

Microsoft Azure Management Core Library for Python

Package Info

Package Author(s) azpysdkhelp@microsoft.com

Package Manager Pip

Project URL <https://github.com/Azure/azure-sdk-for-python/tree/main/sdk/core/azure-mgmt-core>

Package Download URL https://files.pythonhosted.org/packages/3e/99/fa9e7551313d8c7099c89ebf3b03cd31beb12e1b498d575aa19bb59a5d04/azure_mgmt_core-1.6.0.tar.gz

Dependency Path	azure-mgmt-compute > azure-mgmt-core, azure-mgmt-resource > azure-mgmt-core
Declared License(s)	
MIT	
Copyright(s)	Microsoft Corporation.
Discovered License(s)	
None	
Notice File(s)	
None	

babel-plugin-styled-components
2.1.4

npm+babel-plugin-styled-components\$2.1.4
 •

Transitive

Description	Improve the debugging experience and add server-side rendering support to styled-components
Package Info	
Package Author(s)	contact@mxstbr.com, ej@quantizor.dev, phil@kitten.sh
Package Manager	NPM
Project URL	https://styled-components.com/docs/tooling#babel-plugin
Package Download URL	https://registry.npmjs.org/babel-plugin-styled-components/-/babel-plugin-styled-components-2.1.4.tgz
Dependency Path	styled-components > babel-plugin-styled-components
Declared License(s)	
MIT	

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Discovered License(s)

None

Notice File(s)

None

cffi 2.1.1

pip+cffib\$2.1.1 • Transitive

Description

Foreign Function Interface for Python calling C code.

Package Info

Package Author(s) Armin Rigo, Maciej Fijałkowski

Package Manager Pip

Project URL <https://pypi.org/project/cffi/>

Package Download URL <https://files.pythonhosted.org/packages/9e/ef/008a1939e372c06329a3fce4279c02f328488f3526744906eeec3da7ad5f/cffi-2.1.1.tar.gz>

Dependency Path	Dependency
azure-eventhub-checkpointstoreblob > cryptography > cffi, azure-identity > cryptography > cffi, azure-identity > msal > cryptography > cffi, azure-identity > msal > pyjwt > cryptography > cffi, azure-identity > msal-extensions > msal > cryptography > cffi, azure-identity > msal-extensions > msal > pyjwt > cryptography > cffi, azure-storage-blob > cryptography > cffi, cryptography > cffi	

Declared License(s)

mit-0

Copyright(s) None

Discovered License(s)

MIT

Copyright(s) 2011, 2014, 2019, 2021 Anthony Green

Notice File(s)

None

charset-normalizer 3.5.1

pip+charset-normalizer\$3.5.1 • Transitive

Description

The Real First Universal Charset Detector. Open, modern and actively maintained alternative to Chardet.

Package Info

Package Author(s) "Ahmed R. TAHRI" <tahri.ahmed@proton.me>

Package Manager Pip

Project URL <https://pypi.org/project/charset-normalizer/>

Package Download URL https://files.pythonhosted.org/packages/e5/3f/143b048436775b0f76ac3eec145c019e8173ccc2885c8f20319b996d5e83/charset_normalizer-3.5.1.tar.gz

Dependency Path ssh://git@github.com/splunk/splunksd.git > requests > charset-normalizer, azure-core > requests > charset-normalizer, azure-data-tables > azure-core > requests > charset-normalizer, azure-eventhub > azure-core > requests > charset-normalizer, azure-identity > msal > requests > charset-normalizer, azure-identity > msal-extensions > msal > requests > charset-normalizer, requests > charset-normalizer, splunktalib > requests > charset-normalizer, splunktaucclib > requests > charset-normalizer, splunktaucclib > splunktalib > requests > charset-normalizer

Declared License(s)

MIT

Copyright(s) 2025 TAHRI Ahmed R.

Discovered License(s)

None

Notice File(s)

None

color-blend 2.0.9

npm+color-blend\$2.0.9 •

Transitive

Description

Blends RGBA colors with different blend modes

Package Info

Package Author(s) florian@loilo.de

Package Manager NPM

Project URL <https://github.com/Loilo/color-blend#readme>

Package Download URL <https://registry.npmjs.org/color-blend/-/color-blend-2.0.9.tgz>

Dependency Path @splunk/react-ui > @splunk/themes > color-blend, @splunk/themes > color-blend

Declared License(s)

MIT

Copyright(s) 2016 Florian Reuschel

Discovered License(s)

None

Notice File(s)

None

commonmark 0.30.0

npm+commonmark\$0.30.0 •

Transitive

Description

a strongly specified, highly compatible variant of Markdown

Package Info

Package Author(s) fiddlosopher@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/commonmark>

Package Download URL <https://registry.npmjs.org/commonmark/-/commonmark-0.30.0.tgz>

Dependency Path @splunk/react-ui > commonmark

Declared License(s)

Multi-license: BSD-2-Clause OR MIT

Copyright(s) 2014 John MacFarlane

Discovered License(s)

None

Notice File(s)

None

commonmark-react-renderer 4.3.5

npm+commonmark-react-renderer\$4.3.5 •

Transitive

Description

React renderer for CommonMark (rationalized Markdown)

Package Info

Package Author(s)	rexxars@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/commonmark-react-renderer
Package Download URL	https://registry.npmjs.org/commonmark-react-renderer/-/commonmark-react-renderer-4.3.5.tgz
Dependency Path	@splunk/react-ui > commonmark-react-renderer

Declared License(s)

MIT

Copyright(s)	2015 Espen Hovlandsdal
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Discovered License(s)

None

Notice File(s)

None

css-to-react-native 3.2.0

npm+css-to-react-native\$3.2.0 •

Transitive

Description

Convert CSS text to a React Native stylesheet object

Package Info

Package Author(s)	contact@mxstbr.com, jacobparker1992@gmail.com, krister@sent.at
Package Manager	NPM
Project URL	https://github.com/styled-components/css-to-react-native#readme
Package Download URL	https://registry.npmjs.org/css-to-react-native/-/css-to-react-native-3.2.0.tgz
Dependency Path	styled-components > css-to-react-native

Declared License(s)

MIT

Copyright(s)	2016 Jacob Parker and Maximilian Stoiber
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Discovered License(s)

None

Notice File(s)

None

decimal.js-light 2.5.1

npm+decimal.js-light\$2.5.1 • Transitive

Description

An arbitrary-precision Decimal type for JavaScript.

Package Info

Package Author(s)	M8ch88l@gmail.com
Package Manager	NPM

Project URL <https://www.npmjs.com/package/decimal.js-light>

Package Download URL <https://registry.npmjs.org/decimal.js-light/-/decimal.js-light-2.5.1.tgz>

Dependency Path @splunk/react-ui > decimal.js-light

Declared License(s)

MIT

Copyright(s) 2020 Michael McLaughlin

Discovered License(s)

None

Notice File(s)

None

defusedxml 0.7.1 pip+defusedxml\$0.7.1 • Transitive

Description

=====

defusedxml -- defusing XML bombs and other exploits

===== ..

image:: <https://img.shields.io/pypi/v/defusedxml.svg> :target:

<https://pypi.org/project/defusedxml/> :alt: Latest Version .. image::

<https://img.shields.io/pypi/pyversions/defusedxml.svg> :target:

<https://pypi.org/project/defusedxml/> :alt: Supported Python versions

.. image:: <https://travis-ci.org/tiran/defusedxml.svg?branch=master>

:target: <https://travis-ci.org/tiran/defusedxml> :alt: Travis CI .. image::

[https://codecov.io/github/tiran/defusedxml/coverage.svg?](https://codecov.io/github/tiran/defusedxml/coverage.svg?branch=master)

branch=master :target: [https://codecov.io/github/tiran/defusedxml?](https://codecov.io/github/tiran/defusedxml?branch=master)

branch=master :alt: codecov .. image::

<https://img.shields.io/pypi/dm/defusedxml.svg> :target:

<https://pypistats.org/packages/defusedxml> :alt: PyPI downloads ..

image:: <https://img.shields.io/badge/code%20style-black-000000.svg>

:target: <https://github.com/psf/black> :alt: Code style: black .. "It's just

XML, what could probably go wrong?" Christian Heimes

<christian@python.org> Synopsis ===== The results of an attack on a vulnerable XML library can be fairly dramatic. With just a few hundred **Bytes** of XML data an attacker can occupy several **Gigabytes** of memory within **seconds**. An attacker can also keep CPUs busy for a long time with a small to medium size request. Under some circumstances it is even possible to access local files on your server, to circumvent a firewall, or to abuse services to rebound attacks to third parties. The attacks use and abuse less common features of XML and its parsers. The majority of developers are unacquainted with features such as processing instructions and entity expansions that XML inherited from SGML. At best they know about `<!DOCTYPE>` from experience with HTML but they are not aware that a document type definition (DTD) can generate an HTTP request or load a file from the file system. None of the issues is new. They have been known for a long time. Billion laughs was first reported in 2003. Nevertheless some XML libraries and applications are still vulnerable and even heavy users of XML are surprised by these features. It's hard to say whom to blame for the situation. It's too short sighted to shift all blame on XML parsers and XML libraries for using insecure default settings. After all they properly implement XML specifications. Application developers must not rely that a library is always configured for security and potential harmful data by default. ..

contents:: Table of Contents :depth: 2 Attack vectors

===== billion laughs / exponential entity expansion -----

----- The Billion Laughs` attack -- also known as exponential entity expansion -- uses multiple levels of nested entities. The original example uses 9 levels of 10 expansions in each level to expand the string lol to a string of 3×10^9 bytes, hence the name "billion laughs". The resulting string occupies 3 GB (2.79 GiB) of memory; intermediate strings require additional memory. Because most parsers don't cache the intermediate step for every expansion it is repeated over and over again. It increases the CPU load even more. An XML document of just a few hundred bytes can disrupt all services on a machine within seconds. Example XML:: `<!DOCTYPE xmlbomb [ <!ENTITY a "1234567890" > <!ENTITY b "&a;&a;&a;&a;&a;&a;&a;&a;"> <!ENTITY c "&b;&b;&b;&b;&b;&b;&b;&b;"> <!ENTITY d "&c;&c;&c;&c;&c;&c;&c;&c;"> ]> <bomb>&d;</bomb>` quadratic blowup entity expansion ----- A quadratic blowup attack is

similar to a Billion Laughs` attack; it abuses entity expansion, too. Instead of nested entities it repeats one large entity with a couple of thousand chars over and over again. The attack isn't as efficient as the exponential case but it avoids triggering countermeasures of parsers against heavily nested entities. Some parsers limit the depth and breadth of a single entity but not the total amount of expanded text throughout an entire XML document. A medium-sized XML document

with a couple of hundred kilobytes can require a couple of hundred MB to several GB of memory. When the attack is combined with some level of nested expansion an attacker is able to achieve a higher ratio of success. :: <!DOCTYPE bomb [<!ENTITY a "xxxxxxx... a couple of ten thousand chars">]> <bomb>&a;&a;&a;... repeat</bomb> external entity expansion (remote) ----- Entity declarations can contain more than just text for replacement. They can also point to external resources by public identifiers or system identifiers. System identifiers are standard URIs. When the URI is a URL (e.g. a http://locator) some parsers download the resource from the remote location and embed them into the XML document verbatim. Simple example of a parsed external entity:: <!DOCTYPE external [<!ENTITY ee SYSTEM "http://www.python.org/some.xml">]> <root>ⅇ</root> The case of parsed external entities works only for valid XML content. The XML standard also supports unparsed external entities with a NData declaration. External entity expansion opens the door to plenty of exploits. An attacker can abuse a vulnerable XML library and application to rebound and forward network requests with the IP address of the server. It highly depends on the parser and the application what kind of exploit is possible. For example:

- * An attacker can circumvent firewalls and gain access to restricted resources as all the requests are made from an internal and trustworthy IP address, not from the outside.
- * An attacker can abuse a service to attack, spy on or DoS your servers but also third party services. The attack is disguised with the IP address of the server and the attacker is able to utilize the high bandwidth of a big machine.
- * An attacker can exhaust additional resources on the machine, e.g. with requests to a service that doesn't respond or responds with very large files.
- * An attacker may gain knowledge, when, how often and from which IP address an XML document is accessed.
- * An attacker could send mail from inside your network if the URL handler supports smtp://URIs.

external entity expansion (local file) ----- External entities with references to local files are a sub-case of external entity expansion. It's listed as an extra attack because it deserves extra attention. Some XML libraries such as lxml disable network access by default but still allow entity expansion with local file access by default. Local files are either referenced with a file://URL or by a file path (either relative or absolute). An attacker may be able to access and download all files that can be read by the application process. This may include critical configuration files, too. :: <!DOCTYPE external [<!ENTITY ee SYSTEM "file:///PATH/TO/simple.xml">]> <root>ⅇ</root> DTD retrieval ----- This case is similar to external entity expansion, too. Some XML libraries like Python's xml.dom.pulldom retrieve document type definitions from remote or local locations. Several attack scenarios from the external entity case apply to this issue as well. :: <?xml

```

version="1.0" encoding="utf-8"?> <!DOCTYPE html PUBLIC
"-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html>
<head/> <body>text</body> </html> Python XML Libraries
===== .. csv-table:: vulnerabilities and features
:header: "kind", "sax", "etree", "minidom", "pulldom", "xmlrpc", "lxml",
"genshi" :widths: 24, 7, 8, 8, 7, 8, 8, 8 :stub-columns: 0 "billion laughs",
***True***, ***True***, ***True***, ***True***, ***True***, "False (1)", "False
(5)" "quadratic blowup", ***True***, ***True***, ***True***, ***True***,
***True***, ***True***, "False (5)" "external entity expansion (remote)",
***True***, "False (3)", "False (4)", ***True***, "false", "False (1)", "False
(5)" "external entity expansion (local file)", ***True***, "False (3)", "False
(4)", ***True***, "false", ***True***, "False (5)" "DTD retrieval", ***True***,
"False", "False", ***True***, "false", "False (1)", "False" "gzip bomb",
"False", "False", "False", "False", ***True***, ***partly** (2)", "False" "xpath
support (7)", "False", "False", "False", "False", "False", ***True***, "False"
"xsl(t) support (7)", "False", "False", "False", "False", "False", ***True***,
"False" "xinclude support (7)", "False", ***True** (6)", "False", "False",
"False", ***True** (6)", ***True*** "C library", "expat", "expat", "expat",
"expat", "expat", "libxml2", "expat" 1. Lxml is protected against billion
laughs attacks and doesn't do network lookups by default. 2. libxml2
and lxml are not directly vulnerable to gzip decompression bombs but
they don't protect you against them either. 3. xml.etree doesn't
expand entities and raises a ParserError when an entity occurs. 4.
minidom doesn't expand entities and simply returns the unexpanded
entity verbatim. 5. genshi.input of genshi 0.6 doesn't support entity
expansion and raises a ParserError when an entity occurs. 6. Library
has (limited) XInclude support but requires an additional step to
process inclusion. 7. These are features but they may introduce
exploitable holes, see `Other things to consider`_ Settings in standard
library ----- xml.sax.handler Features -----
feature_external_ges (http://xml.org/sax/features/external-general-entities) disables external entity expansion
feature_external_pes (http://xml.org/sax/features/external-parameter-entities) the option is ignored and doesn't modify any functionality
DOM
xml.dom.xmlbuilder.Options -----
external_parameter_entities ignored external_general_entities ignored
external_dtd_subset ignored entities unsure defusedxml =====
The `defusedxml` package_ (defusedxml on PyPI_) contains several
Python-only workarounds and fixes for denial of service and other
vulnerabilities in Python's XML libraries. In order to benefit from the
protection you just have to import and use the listed functions /
classes from the right defusedxml module instead of the original
module. Merely `defusedxml.xmlrpc`_ is implemented as monkey patch.
Instead of:: >>> from xml.etree.ElementTree import parse >>> et =

```

parse(xmlfile) alter code to:: >>> from defusedxml.ElementTree import
 parse >>> et = parse(xmlfile) Additionally the package has an
****untested**** function to monkey patch all stdlib modules with
 defusedxml.defuse_stdlib(). All functions and parser classes accept
 three additional keyword arguments. They return either the same
 objects as the original functions or compatible subclasses. forbid_dtd
 (default: False) disallow XML with a <!DOCTYPE> processing
 instruction and raise a ***DTDForbidden*** exception when a DTD
 processing instruction is found. forbid_entities (default: True) disallow
 XML with <!ENTITY> declarations inside the DTD and raise an
EntitiesForbidden exception when an entity is declared.
 forbid_external (default: True) disallow any access to remote or local
 resources in external entities or DTD and raising an
ExternalReferenceForbidden exception when a DTD or entity
 references an external resource. defusedxml (package) -----
 DefusedXmlException, DTDForbidden, EntitiesForbidden,
 ExternalReferenceForbidden, NotSupportedError defuse_stdlib()
 (*experimental*) defusedxml.cElementTree ----- ****NOTE****
 defusedxml.cElementTree is deprecated and will be removed in a
 future release. Import from defusedxml.ElementTree instead. parse(),
 iterparse(), fromstring(), XMLParser defusedxml.ElementTree -----
 ----- parse(), iterparse(), fromstring(), XMLParser
 defusedxml.expatreader ----- create_parser(),
 DefusedExpatParser defusedxml.sax ----- parse(), parseString(),
 make_parser() defusedxml.expatbuilder ----- parse(),
 parseString(), DefusedExpatBuilder, DefusedExpatBuilderNS
 defusedxml.minidom ----- parse(), parseString()
 defusedxml.pulldom ----- parse(), parseString()
 defusedxml.xmlrpc ----- The fix is implemented as monkey
 patch for the stdlib's xmlrpc package (3.x) or xmlrpclib module (2.x).
 The function monkey_patch() enables the fixes, unmonkey_patch()
 removes the patch and puts the code in its former state. The monkey
 patch protects against XML related attacks as well as decompression
 bombs and excessively large requests or responses. The default
 setting is 30 MB for requests, responses and gzip decompression.
 You can modify the default by changing the module variable
 MAX_DATA. A value of -1 disables the limit. defusedxml.lxml -----
 - ****DEPRECATED**** The module is deprecated and will be removed in a
 future release. The module acts as an ***example*** how you could
 protect code that uses lxml.etree. It implements a custom Element
 class that filters out Entity instances, a custom parser factory and a
 thread local storage for parser instances. It also has a check_docinfo()
 function which inspects a tree for internal or external DTDs and entity
 declarations. In order to check for entities lxml > 3.0 is required.
 parse(), fromstring() RestrictedElement, GlobalParserTLS,

getDefaultParser(), check_docinfo() defusedexpat ===== The defusedexpat package_ (defusedexpat on PyPI_) comes with binary extensions and a modified expat_ library instead of the standard expat parser_. It's basically a stand-alone version of the patches for Python's standard library C extensions. Modifications in expat -----

new definitions:: XML_BOMB_PROTECTION

XML_DEFAULT_MAX_ENTITY_INDIRECTIONS

XML_DEFAULT_MAX_ENTITY_EXPANSIONS XML_DEFAULT_RESET_DTD

new XML_FeatureEnum members::

XML_FEATURE_MAX_ENTITY_INDIRECTIONS

XML_FEATURE_MAX_ENTITY_EXPANSIONS

XML_FEATURE_IGNORE_DTD new XML_Error members::

XML_ERROR_ENTITY_INDIRECTIONS XML_ERROR_ENTITY_EXPANSION

new API functions:: int XML_GetFeature(XML_Parser parser, enum

XML_FeatureEnum feature, long *value); int

XML_SetFeature(XML_Parser parser, enum XML_FeatureEnum feature,

long value); int XML_GetFeatureDefault(enum XML_FeatureEnum

feature, long *value); int XML_SetFeatureDefault(enum

XML_FeatureEnum feature, long value);

XML_FEATURE_MAX_ENTITY_INDIRECTIONS Limit the amount of

indirections that are allowed to occur during the expansion of a

nested entity. A counter starts when an entity reference is

encountered. It resets after the entity is fully expanded. The limit

protects the parser against exponential entity expansion attacks (aka

billion laughs attack). When the limit is exceeded the parser stops and

fails with XML_ERROR_ENTITY_INDIRECTIONS. A value of 0 disables

the protection. Supported range 0 .. UINT_MAX Default 40

XML_FEATURE_MAX_ENTITY_EXPANSIONS Limit the total length of all

entity expansions throughout the entire document. The lengths of all

entities are accumulated in a parser variable. The setting protects

against quadratic blowup attacks (lots of expansions of a large entity

declaration). When the sum of all entities exceeds the limit, the parser

stops and fails with XML_ERROR_ENTITY_EXPANSION. A value of 0

disables the protection. Supported range 0 .. UINT_MAX Default 8 MiB

XML_FEATURE_RESET_DTD Reset all DTD information after the

<!DOCTYPE> block has been parsed. When the flag is set (default:

false) all DTD information after the endDoctypeDeclHandler has been

called. The flag can be set inside the endDoctypeDeclHandler.

Without DTD information any entity reference in the document body

leads to XML_ERROR_UNDEFINED_ENTITY. Supported range 0, 1

Default 0 How to avoid XML vulnerabilities

===== Best practices ----- *

Don't allow DTDs * Don't expand entities * Don't resolve externals *

Limit parse depth * Limit total input size * Limit parse time * Favor a

SAX or iterparse-like parser for potential large data * Validate and

properly quote arguments to XSL transformations and XPath queries *
Don't use XPath expression from untrusted sources * Don't apply XSL
transformations that come from untrusted sources (based on Brad Hill's
Attacking XML Security_) Other things to consider

===== XML, XML parsers and processing
libraries have more features and possible issue that could lead to DoS
vulnerabilities or security exploits in applications. I have compiled an
incomplete list of theoretical issues that need further research and
more attention. The list is deliberately pessimistic and a bit paranoid,
too. It contains things that might go wrong under daffy circumstances.
attribute blowup / hash collision attack -----

XML parsers may use an algorithm with quadratic runtime $O(n^2)$
to handle attributes and namespaces. If it uses hash tables
(dictionaries) to store attributes and namespaces the implementation
may be vulnerable to hash collision attacks, thus reducing the
performance to $O(n^2)$ again. In either case an attacker is able to
forge a denial of service attack with an XML document that contains
thousands upon thousands of attributes in a single node. I haven't
researched yet if expat, pyexpat or libxml2 are vulnerable.

decompression bomb ----- The issue of decompression
bombs (aka ZIP bomb_) apply to all XML libraries that can parse
compressed XML stream like gzipped HTTP streams or LZMA-ed files.
For an attacker it can reduce the amount of transmitted data by three
magnitudes or more. Gzip is able to compress 1 GiB zeros to roughly
1 MB, lzma is even better:: \$ dd if=/dev/zero bs=1M count=1024 |
gzip > zeros.gz \$ dd if=/dev/zero bs=1M count=1024 | lzma -z >
zeros.xy \$ ls -sh zeros.* 1020K zeros.gz 148K zeros.xy None of
Python's standard XML libraries decompress streams except for
xmlrpclib. The module is vulnerable

<<https://bugs.python.org/issue16043>> to decompression bombs. lxml
can load and process compressed data through libxml2 transparently.
libxml2 can handle even very large blobs of compressed data
efficiently without using too much memory. But it doesn't protect
applications from decompression bombs. A carefully written SAX or
iterparse-like approach can be safe. Processing Instruction -----

----- PI's like:: <?xml-stylesheet type="text/xsl" href="style.xsl"?>
may impose more threats for XML processing. It depends if and how a
processor handles processing instructions. The issue of URL retrieval
with network or local file access apply to processing instructions, too.
Other DTD features ----- DTD_ has more features like

<!NOTATION>. I haven't researched how these features may be a
security threat. XPath ---- XPath statements may introduce DoS
vulnerabilities. Code should never execute queries from untrusted
sources. An attacker may also be able to create an XML document
that makes certain XPath queries costly or resource hungry. XPath

injection attacks ----- XPath injection attacks pretty much work like SQL injection attacks. Arguments to XPath queries must be quoted and validated properly, especially when they are taken from the user. The page [Avoid the dangers of XPath injection](#) list some ramifications of XPath injections. Python's standard library doesn't have XPath support. Lxml supports parameterized XPath queries which does proper quoting. You just have to use its `xpath()` method correctly:: # DON'T >>> tree.xpath("/tag[@id='%s']" % value) # instead do >>> tree.xpath("/tag[@id=\$tagid]", tagid=name) XInclude ----- XML Inclusion is another way to load and include external files:: <root xmlns:xi="http://www.w3.org/2001/XInclude"> <xi:include href="filename.txt" parse="text" /> </root> This feature should be disabled when XML files from an untrusted source are processed. Some Python XML libraries and libxml2 support XInclude but don't have an option to sandbox inclusion and limit it to allowed directories. XMLSchema location ----- A validating XML parser may download schema files from the information in a `xi:schemaLocation` attribute. :: <ead xmlns="urn:isbn:1-931666-22-9" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:isbn:1-931666-22-9 http://www.loc.gov/ead/ead.xsd"> </ead> XSL Transformation ----- You should keep in mind that XSLT is a Turing complete language. Never process XSLT code from unknown or untrusted source! XSLT processors may allow you to interact with external resources in ways you can't even imagine. Some processors even support extensions that allow read/write access to file system, access to JRE objects or scripting with Jython. Example from [Attacking XML Security](#) for Xalan-J: <xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform" xmlns:rt="http://xml.apache.org/xalan/java/java.lang.Runtime" xmlns:ob="http://xml.apache.org/xalan/java/java.lang.Object" exclude-result-prefixes="rt ob"> <xsl:template match="/"> <xsl:variable name="runtimeObject" select="rt.getRuntime()"/> <xsl:variable name="command" select="rt.exec(\$runtimeObject, 'c:\Windows\system32\cmd.exe')/> <xsl:variable name="commandAsString" select="ob.toString(\$command)/> <xsl:value-of select="\$commandAsString"/> </xsl:template> </xsl:stylesheet> Related CVEs ===== CVE-2013-1664 Unrestricted entity expansion induces DoS vulnerabilities in Python XML libraries (XML bomb) CVE-2013-1665 External entity expansion in Python XML libraries inflicts potential security flaws and DoS vulnerabilities Other languages / frameworks ===== Several other programming languages and frameworks are vulnerable as well. A couple of them are affected by the fact that libxml2 up to 2.9.0 has no protection

against quadratic blowup attacks. Most of them have potential dangerous default settings for entity expansion and external entities, too. Perl ---- Perl's XML::Simple is vulnerable to quadratic entity expansion and external entity expansion (both local and remote). Ruby ---- Ruby's REXML document parser is vulnerable to entity expansion attacks (both quadratic and exponential) but it doesn't do external entity expansion by default. In order to counteract entity expansion you have to disable the feature::

REXML::Document.entity_expansion_limit = 0 libxml-ruby and hpricot don't expand entities in their default configuration. PHP --- PHP's SimpleXML API is vulnerable to quadratic entity expansion and loads entities from local and remote resources. The option LIBXML_NONET` disables network access but still allows local file access.

LIBXML_NOENT` seems to have no effect on entity expansion in PHP

5.4.6. C# / .NET / Mono ----- Information in XML DoS and Defenses (MSDN)` suggest that .NET is vulnerable with its default settings. The article contains code snippets how to create a secure XML reader:: XmlReaderSettings settings = new XmlReaderSettings(); settings.ProhibitDtd = false; settings.MaxCharactersFromEntities = 1024; settings.XmlResolver = null; XmlReader reader =

XmlReader.Create(stream, settings); Java ---- Untested. The documentation of Xerces and its Xerces SecurityManager` sounds like Xerces is also vulnerable to billion laugh attacks with its default settings. It also does entity resolving when an `org.xml.sax.EntityResolver` is configured. I'm not yet sure about the default setting here. Java specialists suggest to have a custom builder factory:: DocumentBuilderFactory builderFactory = DocumentBuilderFactory.newInstance(); builderFactory.setXIncludeAware(false); builderFactory.setExpandEntityReferences(false); builderFactory.setFeature(XMLConstants.FEATURE_SECURE_PROCESSING, true); # either

builderFactory.setFeature("http://apache.org/xml/features/disallow-doctype-decl", true); # or if you need DTDs
builderFactory.setFeature("http://xml.org/sax/features/external-general-entities", false);
builderFactory.setFeature("http://xml.org/sax/features/external-parameter-entities", false);
builderFactory.setFeature("http://apache.org/xml/features/nonvalidating/load-external-dtd", false);
builderFactory.setFeature("http://apache.org/xml/features/nonvalidating/load-dtd-grammar", false);
TODO ===== * DOM: Use xml.dom.xmlbuilder options for entity handling * SAX: take feature_external_ges and feature_external_pes (?) into account * test experimental monkey patching of stdlib modules * improve documentation License =====

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Acknowledgements ===== Brett Cannon (Python Core
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 Koziarski (Ruby community) Many thanks to Aaron, Ben and Michael
 from the Ruby community for their report and assistance. Thierry
 Carrez (OpenStack) Many thanks to Thierry for his report to the Python
 Security Response Team on behalf of the OpenStack security team.
 Carl Meyer (Django) Many thanks to Carl for his report to PSRT on
 behalf of the Django security team. Daniel Veillard (libxml2) Many
 thanks to Daniel for his insight and assistance with libxml2. semantics
 GmbH (<https://www.semantics.de/>) Many thanks to my employer
 semantics for letting me work on the issue during working hours as
 part of semantics's open source initiative. References ===== *

XML DoS and Defenses (MSDN)_ * Billion Laughs_ on Wikipedia * ZIP
 bomb_ on Wikipedia * Configure SAX parsers for secure processing_ *

Testing for XML Injection_ .. _defusedxml package:
<https://github.com/tiran/defusedxml> .. _defusedxml on PyPI:
<https://pypi.python.org/pypi/defusedxml> .. _defusedexpat package:
<https://github.com/tiran/defusedexpat> .. _defusedexpat on PyPI:
<https://pypi.python.org/pypi/defusedexpat> .. _modified expat:
<https://github.com/tiran/expat> .. _expat parser:
<http://expat.sourceforge.net/> .. _Attacking XML Security:
<https://www.isecpartners.com/media/12976/iSEC-HILL-Attacking-XML-Security-bh07.pdf> .. _Billion Laughs:
<https://en.wikipedia.org/wiki/BillionLaughs> .. _XML DoS and Defenses
 (MSDN): <https://msdn.microsoft.com/en-us/magazine/ee335713.aspx>
 .. _ZIP bomb: https://en.wikipedia.org/wiki/Zip_bomb .. _DTD:
https://en.wikipedia.org/wiki/Document_Type_Definition .. _PI:
https://en.wikipedia.org/wiki/Processing_Instruction .. _Avoid the
 dangers of XPath injection:
<http://www.ibm.com/developerworks/xml/library/x-xpathinjection/index.html> .. _Configure SAX parsers for secure
 processing: <http://www.ibm.com/developerworks/xml/library/x-tipcfSX/index.html> .. _Testing for XML Injection:
[https://www.owasp.org/index.php/Testing_for_XML_Injection_\(OWASP-DV-008\)](https://www.owasp.org/index.php/Testing_for_XML_Injection_(OWASP-DV-008)) .. _Xerces SecurityManager:
<https://xerces.apache.org/xerces2-j/javadocs/xerces2/org/apache/xerces/util/SecurityManager.html> ..
 _XML Inclusion: https://www.w3.org/TR/xinclude/#include_element
 Changelog ===== defusedxml 0.7.1 ----- *Release
 date: 08-Mar-2021* - Fix regression
 defusedxml.ElementTree.ParseError`(#63) The ParseError`exception is

now the same class object as `xml.etree.ElementTree.ParseError` again.

defusedxml 0.7.0 ----- *Release date: 4-Mar-2021* - No changes defusedxml 0.7.0rc2 ----- *Release date: 12-Jan-2021* - Re-add and deprecate `defusedxml.cElementTree` - Use GitHub Actions instead of TravisCI - Restore `ElementTree` attribute of `xml.etree` module after patching defusedxml 0.7.0rc1 -----

Release date: 04-May-2020 - Add support for Python 3.9 - `defusedxml.cElementTree` is not available with Python 3.9. - Python 2 is deprecated. Support for Python 2 will be removed in 0.8.0.

defusedxml 0.6.0 ----- *Release date: 17-Apr-2019* - Increase test coverage. - Add badges to README. defusedxml 0.6.0rc1 -----

----- *Release date: 14-Apr-2019* - Test on Python 3.7 stable and 3.8-dev - Drop support for Python 3.4 - No longer pass `*html*` argument to `XMLParse`. It has been deprecated and ignored for a long time. The `DefusedXMLParser` still takes a `html` argument. A deprecation warning is issued when the argument is `False` and a `TypeError` when it's `True`. - `defusedxml` now fails early when `pyexpat` `stdlib` module is not available or broken. -

`defusedxml.ElementTree.__all__` now lists `ParseError` as public attribute. - The `defusedxml.ElementTree` and `defusedxml.cElementTree` modules had a typo and used `XMLParse` instead of `XMLParser` as an alias for `DefusedXMLParser`. Both the old and fixed name are now available. defusedxml 0.5.0 -----

Release date: 07-Feb-2017 - No changes defusedxml 0.5.0.rc1 -----

----- *Release date: 28-Jan-2017* - Add compatibility with Python 3.6 - Drop support for Python 2.6, 3.1, 3.2, 3.3 - Fix `lxml` tests (`XMLSyntaxError: Detected an entity reference loop`) defusedxml 0.4.1 -----

Release date: 28-Mar-2013 - Add more demo exploits, e.g. `python_external.py` and Xalan XSLT demos. - Improved documentation. defusedxml 0.4 -----

Release date: 25-Feb-2013 - As per <http://seclists.org/oss-sec/2013/q1/340> please REJECT CVE-2013-0278, CVE-2013-0279 and CVE-2013-0280 and use CVE-2013-1664, CVE-2013-1665 for OpenStack/etc. - Add missing `parser_list` argument to `sax.make_parser()`. The argument is ignored, though. (thanks to Florian Apolloner) - Add demo exploit for external entity attack on Python's SAX parser, XML-RPC and WebDAV.

defusedxml 0.3 ----- *Release date: 19-Feb-2013* - Improve documentation defusedxml 0.2 -----

Release date: 15-Feb-2013 - Rename `ExternalEntitiesForbidden` to `ExternalReferenceForbidden` - Rename `defusedxml.lxml.check_dtd()` to `check_docinfo()` - Unify argument names in callbacks - Add arguments and formatted representation to exceptions - Add `forbid_external` argument to all functions and classes - More tests - LOTS of documentation - Add example code for other languages (Ruby, Perl, PHP) and parsers (Genshi) - Add protection against XML and gzip

attacks to xmlrpc lib defusedxml 0.1 ----- *Release date: 08-Feb-2013* - Initial and internal release for PSRT review

Package Info

Package Author(s)	christian@python.org
Package Manager	Pip
Project URL	https://github.com/tiran/defusedxml
Package Download URL	https://files.pythonhosted.org/packages/0f/d5/c66da9b79e5bdb124974bfe172b4daf3c984ebd9c2a06e2b8a4dc7331c72/defusedxml-0.7.1.tar.gz
Dependency Path	solnlib > defusedxml, splunktalib > defusedxml, splunktaucclib > solnlib > defusedxml, splunktaucclib > splunktalib > defusedxml

Declared License(s)

None

Discovered License(s)

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Notice File(s)

None

deprecation 2.1.0

pip+deprecation\$2.1.0 • Transitive

Description

deprecation ===== .. image::
https://readthedocs.org/projects/deprecation/badge/?version=latest
:target: http://deprecation.readthedocs.io/en/latest/ :alt:
Documentation Status .. image:: https://travis-ci.org/briancurtin/deprecation.svg?branch=master :target:

<https://travis-ci.org/briancurtin/deprecation> .. image::

<https://codecov.io/gh/briancurtin/deprecation/branch/master/graph/badge.svg>

:target: <https://codecov.io/gh/briancurtin/deprecation> The

`deprecation` library provides a `deprecated` decorator and a

`fail_if_not_removed` decorator for your tests. Together, the two enable

the automation of several things: 1. The docstring of a deprecated

method gets the deprecation details appended to the end of it. If you

generate your API docs direct from your source, you don't need to

worry about writing your own notification. You also don't need to worry

about forgetting to write it. It's done for you. 2. Rather than having

code live on forever because you only deprecated it but never

actually moved on from it, you can have your tests tell you when it's

time to remove the code. The `@deprecated` decorator can be told

when it's time to entirely remove the code, which causes

`@fail_if_not_removed` to raise an `AssertionError`, causing either your

`unittest` or `py.test` tests to fail. See <http://deprecation.readthedocs.io/>

for the full documentation. Installation ===== :: pip install

`deprecation` Usage ===== :: import deprecation

`@deprecation.deprecated(deprecated_in="1.0", removed_in="2.0",`

`current_version=__version__, details="Use the bar function instead") def`

`foo(): """Do some stuff""" return 1` ...but doesn't Python ignore

`DeprecationWarning`?

=====

Yes, by default since 2.7—and for good reason [#]_ —and this works

fine with that. 1. It often makes sense for you to run your tests with a `-W`

flag or the `PYTHONWARNINGS` environment variable so you catch

warnings in development and handle them appropriately. The

warnings raised by this library show up there, as they're subclasses of

the built-in `DeprecationWarning`. See the Command Line

<<https://docs.python.org/2/using/cmdline.html#cmdoption-W>>_ and

Environment Variable

<[https://docs.python.org/2/using/cmdline.html#envvar-](https://docs.python.org/2/using/cmdline.html#envvar-PYTHONWARNINGS)

`PYTHONWARNINGS`>_ documentation for more details. 2. Even if you

don't enable those things, the behavior of this library remains the

same. The docstrings will still be updated and the tests will still fail

when they need to. You'll get the benefits regardless of what Python

cares about `DeprecationWarning`: --- .. [#] Exposing application users

to `DeprecationWarning`s that are emitted by lower-level code

needlessly involves end-users in "how things are done." It often leads

to users raising issues about warnings they're presented, which on

one hand is done rightfully so, as it's been presented to them as some

sort of issue to resolve. However, at the same time, the warning could

be well known and planned for. From either side, loud

`DeprecationWarning`s can be seen as noise that isn't necessary

outside of development.

Package Info

Package Author(s)	brian@python.org
Package Manager	Pip
Project URL	http://deprecation.readthedocs.io/
Package Download URL	https://files.pythonhosted.org/packages/5a/d3/8ae2869247df154b64c1884d7346d412fed0c49df84db635aab2d1c40e62/deprecation-2.1.0.tar.gz
Dependency Path	ssh://git@github.com/splunk/splunksdcs.git > splunk-sdk > deprecation, solnlib > splunk-sdk > deprecation, splunk-sdk > deprecation, splunktaucclib > solnlib > splunk-sdk > deprecation, splunktaucclib > splunk-sdk > deprecation

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Discovered License(s)

None

Notice File(s)

None

googleapis-common-protos 1.75.1

pip+googleapis-common-protos\$1.75.1 •

Transitive

Description

Common protobufs used in Google APIs

Package Info

Package Author(s)	Google LLC <googleapis-packages@google.com>
Package Manager	Pip
Project URL	https://pypi.org/project/googleapis-common-protos/
Package Download URL	https://files.pythonhosted.org/packages/72/73/74bcab964c9a7a61f2bb71e8179b0f13e6fa98f7ce00fd168aab291e4a2e/googleapis_common_protos-1.75.1.tar.gz
Dependency Path	opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos, solnlib > opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos

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Notice File(s)

None

hoist-non-react-statics 3.3.2

npm+hoist-non-react-statics\$3.3.2 • Transitive

Description

Copies non-react specific statics from a child component to a parent component

Package Info

Package Author(s) mcridgway@gmail.com

Package Manager	NPM
Project URL	https://github.com/mridgway/hoist-non-react-statics#readme
Package Download URL	https://registry.npmjs.org/hoist-non-react-statics/-/hoist-non-react-statics-3.3.2.tgz
Dependency Path	styled-components > hoist-non-react-statics

Declared License(s)

BSD-3-Clause

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Discovered License(s)

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Notice File(s)

None

importlib-metadata 6.11.0

pip+importlib-metadata\$6.11.0 •

Transitive

Description

Read metadata from Python packages

Package Info

Package Author(s)	"Jason R. Coombs" <jaraco@jaraco.com>
Package Manager	Pip
Project URL	https://pypi.org/project/importlib-metadata/

Package Download URL https://files.pythonhosted.org/packages/ee/eb/58c2ab27ee628ad801f56d4017fe62afab0293116f6d0b08f1d5bd46e06f/importlib_metadata-6.11.0.tar.gz

Dependency Path opentelemetry-api > importlib-metadata, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-api > importlib-metadata, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata, opentelemetry-sdk > opentelemetry-api > importlib-metadata, opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata, solnlib > opentelemetry-api > importlib-metadata, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata, solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata, splunktaucclib > solnlib > opentelemetry-api > importlib-metadata, splunktaucclib > solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions > opentelemetry-api > importlib-metadata

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Notice File(s)

None

keycode 2.2.1

npm+keycode\$2.2.1 • Transitive

Description

Convert between keyboard keycodes and keynames and vice versa.

Package Info

Package Author(s)	secoif@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/keycode
Package Download URL	https://registry.npmjs.org/keycode/-/keycode-2.2.1.tgz
Dependency Path	@splunk/react-icons > @splunk/ui-utils > keycode, @splunk/react-ui > @splunk/react-icons > @splunk/ui-utils > keycode, @splunk/react-ui > @splunk/ui-utils > keycode, @splunk/splunk-utils > @splunk/ui-utils > keycode, @splunk/ui-utils > keycode

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Notice File(s)

None

loader-utils 2.0.4

npm+loader-utils\$2.0.4 • Transitive

Description

utils for webpack loaders

Package Info

Package Author(s)	mail@johannesewald.de, sheo13666q@gmail.com, tobias.koppers@googlemail.com
-------------------	--

Package Manager NPM

Project URL <https://github.com/webpack/loader-utils#readme>

Package Download URL <https://registry.npmjs.org/loader-utils/-/loader-utils-2.0.4.tgz>

Dependency Path raw-loader > loader-utils

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Notice File(s)

None

lodash 4.18.1

npm+lodash\$4.18.1 • Transitive

Description

Lodash modular utilities.

Package Info

Package Author(s) benjamin@dev.ofcr.se, john.david.dalton@gmail.com, mathias@qiwi.be

Package Manager NPM

Project URL <https://lodash.com/>

Package Download URL <https://registry.npmjs.org/lodash/-/lodash-4.18.1.tgz>

Dependency Path @splunk/react-icons > @splunk/ui-utils > lodash, @splunk/react-icons > lodash, @splunk/react-ui > @splunk/themes > lodash,

@splunk/react-ui > @splunk/ui-utils > lodash, @splunk/react-ui > lodash, @splunk/react-ui > react-resize-detector > lodash, @splunk/splunk-utils > lodash, @splunk/themes > lodash, @splunk/ui-utils > lodash, styled-components > babel-plugin-styled-components > lodash

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Notice File(s)

None

loose-envify 1.4.0

npm+loose-envify\$1.4.0 • Transitive

Description

Fast (and loose) selective process.env`replacer using js-tokens instead of an AST

Package Info

Package Author(s) zertosh@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/loose-envify>

Package Download URL <https://registry.npmjs.org/loose-envify/-/loose-envify-1.4.0.tgz>

Dependency Path @splunk/react-icons > prop-types > loose-envify, @splunk/react-ui > @splunk/react-icons > prop-types > loose-envify, @splunk/react-ui > prop-types > loose-envify, @splunk/react-ui > react-resize-detector > prop-types > loose-envify, react > loose-envify, react > prop-types > loose-envify, react-dom > loose-envify, react-dom > prop-types > loose-envify, react-dom > scheduler > loose-envify

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None

Notice File(s)

None

moment 2.30.1

npm+moment\$2.30.1 • Transitive

Description

Parse, validate, manipulate, and display dates

Package Info

Package Author(s) maggiepint@gmail.com, marwahaha@berkeley.edu, me@iskren.info, mj1856@hotmail.com, washwithcare@gmail.com

Package Manager NPM

Project URL <https://momentjs.com/>

Package Download URL <https://registry.npmjs.org/moment/-/moment-2.30.1.tgz>

Dependency Path @splunk/react-ui > moment

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None

Notice File(s)

None

msal 1.37.0

pip+msal\$1.37.0 •

Transitive

Description

The Microsoft Authentication Library (MSAL) for Python library enables your app to access the Microsoft Cloud by supporting authentication of users with Microsoft Azure Active Directory accounts (AAD) and Microsoft Accounts (MSA) using industry standard OAuth2 and OpenID Connect.

Package Info

Package Author(s) nugetaad@microsoft.com

Package Manager Pip

Project URL <https://github.com/AzureAD/microsoft-authentication-library-for-python>

Package Download URL <https://files.pythonhosted.org/packages/9a/99/d840198ecf6e8057bbc937f129ae940404485d736cda73253bbff9537f01/msal-1.37.0.tar.gz>

Dependency Path azure-identity > msal, azure-identity > msal-extensions > msal

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Notice File(s)

None

msal-extensions 1.3.1

pip+msal-extensions\$1.3.1 •

Transitive

Description

Microsoft Authentication Library extensions (MSAL EX) provides a persistence API that can save your data on disk, encrypted on Windows, macOS and Linux. Concurrent data access will be coordinated by a file lock mechanism.

Package Info

Package Author(s) None

Package Manager Pip

Project URL <https://pypi.org/project/msal-extensions/>

Package Download URL https://files.pythonhosted.org/packages/01/99/5d239b6156eddf761a636bded1118414d161bd6b7b37a9335549ed159396/msal_extensions-1.3.1.tar.gz

Dependency Path azure-identity > msal-extensions

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Discovered License(s)

None

Notice File(s)

None

object-assign 4.1.1

npm+object-assign\$4.1.1 • Transitive

Description

ES2015 Object.assign() ponyfill

Package Info

Package Author(s) ben@benalpert.com, dan.abramov@gmail.com, sindresorhus@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/object-assign>

Package Download URL <https://registry.npmjs.org/object-assign/-/object-assign-4.1.1.tgz>

Dependency Path @splunk/react-icons > prop-types > object-assign, @splunk/react-ui > @splunk/react-icons > prop-types > object-assign, @splunk/react-ui > prop-types > object-assign, @splunk/react-ui > react-resize-detector > prop-types > object-assign, react > object-assign, react > prop-types > object-assign, react-dom > object-assign, react-dom > prop-types > object-assign, react-dom > scheduler > object-assign

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Notice File(s)

None

opentelemetry-exporter-otlp-proto-common 1.39.1

pip+opentelemetry-exporter-otlp-proto-common\$1.39.1

• Transitive

Description

OpenTelemetry Protobuf encoding

Package Info

Package Author(s) OpenTelemetry Authors <cncf-opentelemetry-contributors@lists.cncf.io>

Package Manager Pip

Project URL <https://pypi.org/project/opentelemetry-exporter-otlp-proto-common/>

Package Download URL https://files.pythonhosted.org/packages/e9/9d/22d241b66f7bbde88a3bfa6847a351d2c46b84de23e71222c6aae25c7050/opentelemetry_exporter_otlp_proto_common-1.39.1.tar.gz

Dependency Path opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

opentelemetry-proto 1.39.1

pip+opentelemetry-proto\$1.39.1 • Transitive

Description

OpenTelemetry Python Proto

Package Info

Package Author(s)	OpenTelemetry Authors <cncf-opentelemetry-contributors@lists.cncf.io>
Package Manager	Pip
Project URL	https://pypi.org/project/opentelemetry-proto/
Package Download URL	https://files.pythonhosted.org/packages/49/1d/f25d76d8260c156c40c97c9ed4511ec0f9ce353f8108ca6e7561f82a06b2/opentelemetry_proto-1.39.1.tar.gz
Dependency Path	opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common > opentelemetry-proto, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common > opentelemetry-proto, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common > opentelemetry-proto, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto

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Discovered License(s)

None

Notice File(s)

None

opentelemetry-semantic-conventions 0.60b1

pip+opentelemetry-semantic-conventions\$0.60b1

• Transitive

Description

OpenTelemetry Semantic Conventions

Package Info

Package Author(s) OpenTelemetry Authors <cncf-opentelemetry-contributors@lists.cncf.io>

Package Manager Pip

Project URL <https://pypi.org/project/opentelemetry-semantic-conventions/>

Package Download URL https://files.pythonhosted.org/packages/91/df/553f93ed38bf22f4b999d9be9c185adb558982214f33eae539d3b5cd0858/opentelemetry_semantic_conventions-0.60b1.tar.gz

Dependency Path

opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions, opentelemetry-sdk > opentelemetry-semantic-conventions, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions, solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-sdk > opentelemetry-semantic-conventions, splunktaucclib > solnlib > opentelemetry-sdk > opentelemetry-semantic-conventions

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None

Notice File(s)

None

prop-types 15.8.1

npm+prop-types\$15.8.1 • Transitive

Description

Runtime type checking for React props and similar objects.

Package Info

Package Author(s)

briandavidvaughn@gmail.com, dan.abramov@gmail.com, ljharb@gmail.com, npm@andrewclark.io, npm@sophiebits.com, opensource+npm@fb.com

Package Manager

NPM

Project URL

<https://www.npmjs.com/package/prop-types>

Package Download URL	https://registry.npmjs.org/prop-types/-/prop-types-15.8.1.tgz
Dependency Path	@splunk/react-icons > prop-types, @splunk/react-ui > @splunk/react-icons > prop-types, @splunk/react-ui > prop-types, @splunk/react-ui > react-resize-detector > prop-types, react > prop-types, react-dom > prop-types

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

PySocks 1.7.1

pip+pysocks\$1.7.1

Transitive

Description

A Python SOCKS client module. See <https://github.com/Anorov/PySocks> for more information.

Package Info

Package Author(s)	anorov.vorona@gmail.com
Package Manager	Pip
Project URL	https://github.com/Anorov/PySocks
Package Download URL	https://files.pythonhosted.org/packages/bd/11/293dd436aea955d45fc4e8a35b6ae7270f5b8e00b53cf6c024c83b657a11/PySocks-1.7.1.tar.gz

Dependency Path splunktaucclib > pysocks

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Discovered License(s)

Apache-2.0

Copyright(s) None

Notice File(s)

None

react-resize-detector 3.4.0

npm+react-resize-detector\$3.4.0 •

Transitive

Description

React resize detector

Package Info

Package Author(s) maslianok@gmail.com, npm@snelsi.com

Package Manager NPM

Project URL <https://github.com/maslianok/react-resize-detector>

Package Download URL <https://registry.npmjs.org/react-resize-detector/-/react-resize-detector-3.4.0.tgz>

Dependency Path @splunk/react-ui > react-resize-detector

Declared License(s)

MIT

Copyright(s) 2016 Denis Rul

Discovered License(s)

None

Notice File(s)

None

react-spring 9.2.4

npm+react-spring\$9.2.4 •

Transitive

Description

<p align="center"> </p>

Package Info

Package Author(s) drcmda@gmail.com, joshua.ellis18@gmail.com

Package Manager NPM

Project URL <https://github.com/pmndrs/react-spring#readme>

Package Download URL <https://registry.npmjs.org/react-spring/-/react-spring-9.2.4.tgz>

Dependency Path @splunk/react-ui > react-spring

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

scheduler 0.19.1

npm+scheduler\$0.19.1 • **Transitive**

Description

Cooperative scheduler for the browser environment.

Package Info

Package Author(s)	opensource+npm@fb.com, react-core@meta.com
Package Manager	NPM
Project URL	https://react.dev/
Package Download URL	https://registry.npmjs.org/scheduler/-/scheduler-0.19.1.tgz
Dependency Path	react-dom > scheduler

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

schema-utils 3.3.0

npm+schema-utils\$3.3.0 • Transitive

Description

webpack Validation Utils

Package Info

Package Author(s)	sheo13666q@gmail.com, tobias.koppers@googlemail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/schema-utils
Package Download URL	https://registry.npmjs.org/schema-utils/-/schema-utils-3.3.0.tgz
Dependency Path	raw-loader > schema-utils

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

scriptjs 2.5.9

npm+scriptjs\$2.5.9 • Transitive

Description

Asynchronous JavaScript loader and dependency manager

Package Info

Package Author(s)	jacobthornton@gmail.com, polvero@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/scriptjs
Package Download URL	https://registry.npmjs.org/scriptjs/-/scriptjs-2.5.9.tgz
Dependency Path	@splunk/splunk-utils > scriptjs

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

semver 7.7.4

npm+semver\$7.7.4 • Transitive

Description

The semantic version parser used by npm.

Package Info

Package Author(s)	npm-cli+bot@github.com, owlstronaut@github.com, reggi@github.com, saquibkhan@github.com
Package Manager	NPM
Project URL	https://github.com/npm/node-semver#readme

Package Download URL <https://registry.npmjs.org/semver/-/semver-7.7.4.tgz>

Dependency Path @splunk/splunk-utils > semver

Declared License(s)

ISC

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Discovered License(s)

None

Notice File(s)

None

shallowequal 1.1.0

npm+shallowequal\$1.1.0 • Transitive

Description

Like lodash isEqualWith but for shallow equal.

Package Info

Package Author(s) mailforalberto@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/shallowequal>

Package Download URL <https://registry.npmjs.org/shallowequal/-/shallowequal-1.1.0.tgz>

Dependency Path styled-components > shallowequal

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Discovered License(s)

None

Notice File(s)

None

supports-color 5.5.0

npm+supports-color\$5.5.0 • Transitive

Description

Detect whether a terminal supports color

Package Info

Package Author(s) sindresorhus@gmail.com

Package Manager NPM

Project URL <https://github.com/chalk/supports-color#readme>

Package Download URL <https://registry.npmjs.org/supports-color/-/supports-color-5.5.0.tgz>

Dependency Path styled-components > supports-color

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Discovered License(s)

None

Notice File(s)

None

tinycolor2 1.6.0

npm+tinycolor2\$1.6.0 •

Transitive

Description

Fast Color Parsing and Manipulation

Package Info

Package Author(s)	briangrinstead@gmail.com
Package Manager	NPM
Project URL	https://github.com/bgrins/TinyColor#readme
Package Download URL	https://registry.npmjs.org/tinycolor2/-/tinycolor2-1.6.0.tgz
Dependency Path	@splunk/react-ui > @splunk/themes > tinycolor2, @splunk/react-ui > tinycolor2, @splunk/themes > tinycolor2

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None

Notice File(s)

None

typing-extensions 4.16.0

pip+typing-extensions\$4.16.0 •

Transitive

Description

Typing Extensions [\[!Chat at https://gitter.im/python/typing\]](https://gitter.im/python/typing)
(<https://badges.gitter.im/python/typing.svg>)
(<https://gitter.im/python/typing>) [\[Documentation\]\(https://typing-extensions.readthedocs.io/en/latest/#\)](https://typing-extensions.readthedocs.io/en/latest/#) – [\[PyPI\]](https://pypi.org/project/typing-extensions/)
(<https://pypi.org/project/typing-extensions/>) **## Overview** The `typing_extensions` module serves two related purposes: - Enable use of new type system features on older Python versions. For example, `typing.TypeGuard` is new in Python 3.10, but `typing_extensions` allows users on previous Python versions to use it too. - Enable experimentation with new type system PEPs before they are accepted and added to the `typing` module. `typing_extensions` is treated specially by static type checkers such as `mypy` and `pyright`. Objects defined in `typing_extensions` are treated the same way as equivalent forms in `typing`: `typing_extensions` uses [\[Semantic Versioning\]](https://semver.org/) (<https://semver.org/>). The major version will be incremented only for backwards-incompatible changes. Therefore, it's safe to depend on `typing_extensions` like this: `typing_extensions >=x.y, <(x+1)`; where `x.y` is the first version that includes all features you need. **## Included items** See [\[the documentation\]\(https://typing-extensions.readthedocs.io/en/latest/#\)](https://typing-extensions.readthedocs.io/en/latest/#) for a complete listing of module contents. **## Contributing** See [\[CONTRIBUTING.md\]](https://github.com/python/typing_extensions/blob/main/CONTRIBUTING.md) (https://github.com/python/typing_extensions/blob/main/CONTRIBUTING.md) for how to contribute to `typing_extensions`.

Package Info

Package Author(s)	"Guido van Rossum, Jukka Lehtosalo, Łukasz Langa, Michael Lee" <levkivskyi@gmail.com>
Package Manager	Pip
Project URL	https://pypi.org/project/typing-extensions/
Package Download URL	https://files.pythonhosted.org/packages/f6/cc/6253133b5bb138fc3306cebfbd2c520f545d36b5be2c7255cc528bb45d6/typing_extensions-4.16.0.tar.gz

Dependency Path azure-core > typing-extensions, azure-data-tables > typing-extensions, azure-eventhub > typing-extensions, azure-eventhub-checkpointstoreblob > typing-extensions, azure-identity > typing-extensions, azure-mgmt-compute > typing-extensions, azure-mgmt-resource > typing-extensions, azure-storage-blob > typing-extensions, cattrs > typing-extensions, cryptography > typing-extensions

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None

Notice File(s)

None

use-typed-event-listener 3.0.0 npm+use-typed-event-listener\$3.0.0 • Transitive

Description

React Hook for DOM event listeners with TypeScript supported

Package Info

Package Author(s) swgfj28c9eutdhg33s@thrott.com

Package Manager NPM

Project URL <https://github.com/foray1010/use-typed-event-listener>

Package Download URL <https://registry.npmjs.org/use-typed-event-listener/-/use-typed-event-listener-3.0.0.tgz>

Dependency Path @splunk/react-ui > use-typed-event-listener

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Discovered License(s)

None

Notice File(s)

None

yarl 1.24.5

pip+yarl\$1.24.5 • Transitive

Description

Yet another URL library

Package Info

Package Author(s) andrew.svetlov@gmail.com

Package Manager Pip

Project URL <https://github.com/aio-libraries/yarl>

Package Download URL <https://files.pythonhosted.org/packages/31/33/ebe9e3d1f86c7a0b51094c0a146392045ca1631d2664889539dec8088a33/yarl-1.24.5.tar.gz>

Dependency Path azure-data-tables > yarl

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File Path

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Notice Text

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@babel/code-frame 7.29.0

npm+@babel/code-frame\$7.29.0 •

Transitive

Description

Generate errors that contain a code frame that point to source
locations.

Package Info

Package Author(s)

bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com,
jlhwung@gmail.com

Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-code-frame
Package Download URL	https://registry.npmjs.org/@babel/code-frame/-/code-frame-7.29.0.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/code-frame, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/code-frame, styled-components > @babel/traverse > @babel/code-frame, styled-components > @babel/traverse > @babel/template > @babel/code-frame, styled- components > babel-plugin-styled-components > @babel/helper- module-imports > @babel/traverse > @babel/code-frame, styled- components > babel-plugin-styled-components > @babel/helper- module-imports > @babel/traverse > @babel/template > @babel/code-frame

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None

Notice File(s)

None

@babel/generator 7.29.1

npm+@babel/generator\$7.29.1 •

Transitive

Description

Turns an AST into code.

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-generator
Package Download URL	https://registry.npmjs.org/@babel/generator/-/generator-7.29.1.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator, styled-components > @babel/traverse > @babel/generator, styled-components > babel- plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator

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None

Notice File(s)

None

@babel/helper-annotate-as-pure
7.27.3
npm+@babel/helper-annotate-as-pure\$7.27.3
•

Transitive

Description

Helper function to annotate paths and nodes with `#_PURE_` comment

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
-------------------	--

Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-helper-annotate-as-pure
Package Download URL	https://registry.npmjs.org/@babel/helper-annotate-as-pure/-/helper-annotate-as-pure-7.27.3.tgz
Dependency Path	styled-components > babel-plugin-styled-components > @babel/helper-annotate-as-pure

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None

Notice File(s)

None

@babel/helper-globals 7.28.0

npm+@babel/helper-globals\$7.28.0 •

Transitive

Description

A collection of JavaScript globals for Babel internal usage

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/@babel/helper-globals

Package Download URL <https://registry.npmjs.org/@babel/helper-globals/-/helper-globals-7.28.0.tgz>

Dependency Path
styled-components > @babel/helper-module-imports >
@babel/traverse > @babel/helper-globals, styled-components >
@babel/traverse > @babel/helper-globals, styled-components >
babel-plugin-styled-components > @babel/helper-module-imports >
@babel/traverse > @babel/helper-globals

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None

Notice File(s)

None

@babel/parser 7.29.2

npm+@babel/parser\$7.29.2 • Transitive

Description

A JavaScript parser

Package Info

Package Author(s) bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com

Package Manager NPM

Project URL <https://babel.dev/docs/en/next/babel-parser>

Package Download URL <https://registry.npmjs.org/@babel/parser/-/parser-7.29.2.tgz>

Dependency Path

styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @babel/parser, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/parser, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/parser, styled-components > @babel/traverse > @babel/generator > @babel/parser, styled-components > @babel/traverse > @babel/parser, styled-components > @babel/traverse > @babel/template > @babel/parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @babel/parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/parser

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None

Notice File(s)

None

@babel/plugin-syntax-jsx 7.28.6 npm+@babel/plugin-syntax-jsx\$7.28.6 • Transitive

Description

Allow parsing of jsx

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-plugin-syntax-jsx
Package Download URL	https://registry.npmjs.org/@babel/plugin-syntax-jsx/-/plugin-syntax-jsx-7.28.6.tgz
Dependency Path	styled-components > babel-plugin-styled-components > @babel/plugin-syntax-jsx

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Discovered License(s)

None

Notice File(s)

None

@babel/runtime 7.29.2

npm+@babel/runtime\$7.29.2 •

Transitive

Description

babel's modular runtime helpers

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM

Project URL <https://babel.dev/docs/en/next/babel-runtime>

Package Download URL <https://registry.npmjs.org/@babel/runtime/-/runtime-7.29.2.tgz>

Dependency Path @splunk/react-ui > use-typed-event-listener > @babel/runtime

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None

Notice File(s)

None

@babel/template 7.28.6

npm+@babel/template\$7.28.6 • Transitive

Description

Generate an AST from a string template.

Package Info

Package Author(s) bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com

Package Manager NPM

Project URL <https://babel.dev/docs/en/next/babel-template>

Package Download URL <https://registry.npmjs.org/@babel/template/-/template-7.28.6.tgz>

Dependency Path styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template, styled-components > @babel/traverse > @babel/template, styled-components > babel-

plugin-styled-components > @babel/helper-module-imports >
@babel/traverse > @babel/template

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None

Notice File(s)

None

@babel/types 7.29.0

npm+@babel/types\$7.29.0 • Transitive

Description

Babel Types is a Lodash-esque utility library for AST nodes

Package Info

Package Author(s) bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com

Package Manager NPM

Project URL <https://babel.dev/docs/en/next/babel-types>

Package Download URL <https://registry.npmjs.org/@babel/types/-/types-7.29.0.tgz>

Dependency Path styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/types, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/types, styled-components > @babel/traverse > @babel/template > @babel/types, styled-components > @babel/traverse > @babel/types, styled-components > babel-plugin-styled-components > @babel/helper-annotate-as-pure >

@babel/types, styled-components > babel-plugin-styled-components
> @babel/helper-module-imports > @babel/traverse >
@babel/generator > @babel/parser > @babel/types, styled-
components > babel-plugin-styled-components > @babel/helper-
module-imports > @babel/traverse > @babel/generator >
@babel/types, styled-components > babel-plugin-styled-components
> @babel/helper-module-imports > @babel/traverse >
@babel/template > @babel/types, styled-components > babel-plugin-
styled-components > @babel/helper-module-imports >
@babel/traverse > @babel/types, styled-components > babel-plugin-
styled-components > @babel/helper-module-imports > @babel/types

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None

Notice File(s)

None

@dnd-kit/accessibility 3.1.1

npm+@dnd-kit/accessibility\$3.1.1 • Transitive

Description

A generic toolkit to help with accessibility

Package Info

Package Author(s) clauderic.d@gmail.com

Package Manager NPM

Project URL <https://github.com/clauderic/dnd-kit#readme>

Package Download URL <https://registry.npmjs.org/@dnd-kit/accessibility/-/accessibility-3.1.1.tgz>

Dependency Path @splunk/react-ui > @dnd-kit/core > @dnd-kit/accessibility

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None

Notice File(s)

None

@emotion/memoize 0.9.0

npm+@emotion/memoize\$0.9.0 •

Transitive

Description

emotion's memoize utility

Package Info

Package Author(s) emotion-release-bot@hamil.town, kye.hohenberger@gmail.com, mateuszburzynski@gmail.com, npm@emmas.town

Package Manager NPM

Project URL <https://github.com/emotion-js/emotion/tree/main#readme>

Package Download URL <https://registry.npmjs.org/@emotion/memoize/-/memoize-0.9.0.tgz>

Dependency Path styled-components > @emotion/is-prop-valid > @emotion/memoize

Declared License(s)

MIT

Copyright(s) Emotion team and other contributors

Discovered License(s)

None

Notice File(s)

None

@react-spring/core 9.2.6

npm+@react-spring/core\$9.2.6 •

Transitive

Description

The platform-agnostic core of react-spring`

Package Info

Package Author(s) joshua.ellis18@gmail.com

Package Manager NPM

Project URL <https://github.com/pmndrs/react-spring#readme>

Package Download URL <https://registry.npmjs.org/@react-spring/core/-/core-9.2.6.tgz>

Dependency Path @splunk/react-ui > react-spring > @react-spring/core, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/core, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/core, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/core, @splunk/react-ui > react-spring > @react-spring/zdog > @react-spring/core

Declared License(s)

MIT

Copyright(s)	2018 present Paul Henschel, react-spring, all contributors
Discovered License(s)	
	None
Notice File(s)	
	None

@react-spring/konva 9.2.6

npm+@react-spring/konva\$9.2.6
 •

Transitive

Description	[konva](https://github.com/konvajs/konva) support
Package Info	
Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/konva/-/konva-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/konva
Declared License(s)	
MIT	
Copyright(s)	2018 present Paul Henschel, react-spring, all contributors
Discovered License(s)	
	None
Notice File(s)	

None

@react-spring/native 9.2.6

npm+@react-spring/native\$9.2.6 •

Transitive

Description

[react-native](https://github.com/facebook/react-native) support

Package Info

Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/native/-/native-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/native

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Discovered License(s)

None

Notice File(s)

None

@react-spring/three 9.2.6

npm+@react-spring/three\$9.2.6 •

Transitive

Description

[react-three-fiber](https://github.com/drcmda/react-three-fiber) support. This package is for version 6 of react-three-fiber

Package Info

Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/three/-/three-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/three

Declared License(s)

MIT	
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Discovered License(s)

None

Notice File(s)

None

@react-spring/web 9.2.6

npm+@react-spring/web\$9.2.6 • Transitive

Description

react-dom`support

Package Info

Package Author(s)	joshua.ellis18@gmail.com
-------------------	--------------------------

Package Manager NPM

Project URL <https://github.com/pmndrs/react-spring#readme>

Package Download URL <https://registry.npmjs.org/@react-spring/web/-/web-9.2.6.tgz>

Dependency Path @splunk/react-ui > react-spring > @react-spring/web

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

@react-spring/zdog 9.2.6

npm+@react-spring/zdog\$9.2.6 • Transitive

Description

> [!WARNING] > This package uses react-zdog which does not support React 19 yet.

Package Info

Package Author(s) joshua.ellis18@gmail.com

Package Manager NPM

Project URL <https://github.com/pmndrs/react-spring#readme>

Package Download URL <https://registry.npmjs.org/@react-spring/zdog/-/zdog-9.2.6.tgz>

Dependency Path	@splunk/react-ui > react-spring > @react-spring/zdog
Declared License(s)	
MIT	
Copyright(s)	2018 present Paul Henschel, react-spring, all contributors
Discovered License(s)	
None	
Notice File(s)	
None	

@types/json-schema 7.0.15

npm+@types/json-schema\$7.0.15
 •

Transitive

Description	TypeScript definitions for json-schema
Package Info	
Package Author(s)	ts-npm-types@microsoft.com
Package Manager	NPM
Project URL	https://github.com/DefinitelyTyped/DefinitelyTyped/tree/master/types/json-schema
Package Download URL	https://registry.npmjs.org/@types/json-schema/-/json-schema-7.0.15.tgz
Dependency Path	raw-loader > schema-utils > @types/json-schema
Declared License(s)	
MIT	

Copyright(s) Microsoft Corporation.

Discovered License(s)

None

Notice File(s)

None

ajv 6.14.0

npm+ajv\$6.14.0 • Transitive

Description

Another JSON Schema Validator

Package Info

Package Author(s) e.poberezkin@me.com, hello@blakeembrey.com

Package Manager NPM

Project URL <https://ajv.js.org/>

Package Download URL <https://registry.npmjs.org/ajv/-/ajv-6.14.0.tgz>

Dependency Path raw-loader > schema-utils > ajv

Declared License(s)

MIT

Copyright(s) 2015-2017 Evgeny Poberezkin

Discovered License(s)

None

Notice File(s)

None

ajv-keywords 3.5.2

npm+ajv-keywords\$3.5.2 •

Transitive

Description

Additional JSON-Schema keywords for Ajv JSON validator

Package Info

Package Author(s)	e.poberezkin@me.com
Package Manager	NPM
Project URL	https://github.com/epoberezkin/ajv-keywords#readme
Package Download URL	https://registry.npmjs.org/ajv-keywords/-/ajv-keywords-3.5.2.tgz
Dependency Path	raw-loader > schema-utils > ajv-keywords

Declared License(s)

MIT

Copyright(s) 2016 Evgeny Poberezkin

Discovered License(s)

None

Notice File(s)

None

big.js 5.2.2

npm+big.js\$5.2.2 •

Transitive

Description

A small, fast, easy-to-use library for arbitrary-precision decimal arithmetic

Package Info

Package Author(s)	M8ch88l@gmail.com
Package Manager	NPM
Project URL	https://github.com/MikeMcl/big.js#readme
Package Download URL	https://registry.npmjs.org/big.js/-/big.js-5.2.2.tgz
Dependency Path	raw-loader > loader-utils > big.js

Declared License(s)

MIT

Copyright(s)	2018 Michael McLaughlin
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Discovered License(s)

None

Notice File(s)

None

camelize 1.0.1

npm+camelize\$1.0.1 • Transitive

Description

recursively transform key strings to camel-case

Package Info

Package Author(s)	ljharb@gmail.com, substack@gmail.com
-------------------	--------------------------------------

Package Manager NPM

Project URL <https://www.npmjs.com/package/camelize>

Package Download URL <https://registry.npmjs.org/camelize/-/camelize-1.0.1.tgz>

Dependency Path styled-components > css-to-react-native > camelize

Declared License(s)

MIT

Copyright(s) None

Discovered License(s)

None

Notice File(s)

None

css-color-keywords 1.0.0

npm+css-color-keywords\$1.0.0 • Transitive

Description

A list of all CSS color keywords.

Package Info

Package Author(s) jakob@krigovsky.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/css-color-keywords>

Package Download URL <https://registry.npmjs.org/css-color-keywords/-/css-color-keywords-1.0.0.tgz>

Dependency Path	styled-components > css-to-react-native > css-color-keywords
Declared License(s)	
ISC	
Copyright(s)	2017 Jakob Krigovsky
Discovered License(s)	
None	
Notice File(s)	
None	

debug 4.4.3

npm+debug\$4.4.3

Transitive

Description	Lightweight debugging utility for Node.js and the browser
Package Info	
Package Author(s)	nathan@tootallnate.net, npm@josh.junon.me
Package Manager	NPM
Project URL	https://github.com/debug-js/debug#readme
Package Download URL	https://registry.npmjs.org/debug/-/debug-4.4.3.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > debug, styled-components > @babel/traverse > debug, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > debug
Declared License(s)	
MIT	

Copyright(s) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Discovered License(s)

None

Notice File(s)

None

emojis-list 3.0.0

npm+emojis-list\$3.0.0 • Transitive

Description

Complete list of standard emojis.

Package Info

Package Author(s) josefrancisco.verdu@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/emojis-list>

Package Download URL <https://registry.npmjs.org/emojis-list/-/emojis-list-3.0.0.tgz>

Dependency Path raw-loader > loader-utils > emojis-list

Declared License(s)

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Copyright(s) 2015 Kiko Beats

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None

Notice File(s)

None

entities 2.0.3

npm+entities\$2.0.3 •

Transitive

Description

Encode & decode XML and HTML entities with ease & speed

Package Info

Package Author(s) me@feedic.com

Package Manager NPM

Project URL <https://github.com/fb55/entities#readme>

Package Download URL <https://registry.npmjs.org/entities/-/entities-2.0.3.tgz>

Dependency Path @splunk/react-ui > commonmark > entities

Declared License(s)

BSD-2-Clause

Copyright(s) Felix Böhm

Discovered License(s)

None

Notice File(s)

None

has-flag 3.0.0

npm+has-flag\$3.0.0 •

Transitive

Description

Check if argv has a specific flag

Package Info

Package Author(s)	sindresorhus@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/has-flag
Package Download URL	https://registry.npmjs.org/has-flag/-/has-flag-3.0.0.tgz
Dependency Path	styled-components > supports-color > has-flag

Declared License(s)

MIT

Copyright(s)	Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
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Discovered License(s)

None

Notice File(s)

None

js-tokens 4.0.0

npm+js-tokens\$4.0.0 •

Transitive

Description

Tiny JavaScript tokenizer.

Package Info

Package Author(s)	simon.lydell@gmail.com
Package Manager	NPM

Project URL	https://github.com/lydell/js-tokens#readme
Package Download URL	https://registry.npmjs.org/js-tokens/-/js-tokens-4.0.0.tgz
Dependency Path	@splunk/react-icons > prop-types > loose-envify > js-tokens, @splunk/react-ui > @splunk/react-icons > prop-types > loose-envify > js-tokens, @splunk/react-ui > prop-types > loose-envify > js-tokens, @splunk/react-ui > react-resize-detector > prop-types > loose-envify > js-tokens, react > loose-envify > js-tokens, react > prop-types > loose-envify > js-tokens, react-dom > loose-envify > js-tokens, react-dom > prop-types > loose-envify > js-tokens, react-dom > scheduler > loose-envify > js-tokens, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/code-frame > js-tokens

Declared License(s)

MIT

Copyright(s) 2014, 2015, 2016, 2017, 2018 Simon Lydell

Discovered License(s)

None

Notice File(s)

None

json5

2.2.3

npm+json5\$2.2.3

Transitive

Description

JSON for Humans

Package Info

Package Author(s) aseem.kishore@gmail.com, jordanbtucker@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/json5>

Package Download URL <https://registry.npmjs.org/json5/-/json5-2.2.3.tgz>

Dependency Path raw-loader > loader-utils > json5

Declared License(s)

MIT

Copyright(s) 2012-2018 Aseem Kishore, and [others].

Discovered License(s)

None

Notice File(s)

None

lodash-es 4.18.1

npm+lodash-es\$4.18.1 • Transitive

Description

Lodash exported as ES modules.

Package Info

Package Author(s) benjamin@dev.ofcr.se, john.david.dalton@gmail.com, mathias@qiwi.be

Package Manager NPM

Project URL <https://lodash.com/custom-builds>

Package Download URL <https://registry.npmjs.org/lodash-es/-/lodash-es-4.18.1.tgz>

Dependency Path @splunk/react-ui > react-resize-detector > lodash-es

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None

Notice File(s)

None

lodash.assign 4.2.0

npm+lodash.assign\$4.2.0 • Transitive

Description

The lodash method `_assign` exported as a module.

Package Info

Package Author(s) blaine@iceddev.com, john.david.dalton@gmail.com, mathias@qiwi.be

Package Manager NPM

Project URL <https://www.npmjs.com/package/lodash.assign>

Package Download URL <https://registry.npmjs.org/lodash.assign/-/lodash.assign-4.2.0.tgz>

Dependency Path @splunk/react-ui > commonmark-react-renderer > lodash.assign

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Discovered License(s)

None

Notice File(s)

None

lodash.isplainobject 4.0.6

npm+lodash.isplainobject\$4.0.6 • Transitive

Description

The lodash method `_isPlainObject` exported as a module.

Package Info

Package Author(s)	blaine@iceddev.com, john.david.dalton@gmail.com, mathias@qiwi.be
-------------------	--

Package Manager	NPM
-----------------	-----

Project URL	https://www.npmjs.com/package/lodash.isplainobject
-------------	---

Package Download URL	https://registry.npmjs.org/lodash.isplainobject/-/lodash.isplainobject-4.0.6.tgz
----------------------	---

Dependency Path	@splunk/react-ui > commonmark-react-renderer > lodash.isplainobject
-----------------	---

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Discovered License(s)

None

Notice File(s)

None

mdurl 1.0.1

npm+mdurl\$1.0.1 • Transitive

Description

URL utilities for markdown-it

Package Info

Package Author(s) vitya@rcopen.com

Package Manager NPM

Project URL <https://github.com/markdown-it/mdurl#readme>

Package Download URL <https://registry.npmjs.org/mdurl/-/mdurl-1.0.1.tgz>

Dependency Path @splunk/react-ui > commonmark > mdurl

Declared License(s)

MIT

Copyright(s) 2015 Vitya Puzrin, Alex Kocharin.

Discovered License(s)

None

Notice File(s)

None

minimist 1.2.8

npm+minimist\$1.2.8 • Transitive

Description

parse argument options

Package Info

Package Author(s) github@tixz.dk, ljharb@gmail.com, npm_j@ruru.gen.nz

Package Manager NPM

Project URL <https://github.com/minimistjs/minimist>

Package Download URL <https://registry.npmjs.org/minimist/-/minimist-1.2.8.tgz>

Dependency Path @splunk/react-ui > commonmark > minimist

Declared License(s)

MIT

Copyright(s) None

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None

Notice File(s)

None

multidict 6.7.1

pip+multidict\$6.7.1 • **Transitive**

Description

multidict implementation

Package Info

Package Author(s) andrew.svetlov@gmail.com

Package Manager Pip

Project URL <https://github.com/aio-libs/multidict>

Package Download URL <https://files.pythonhosted.org/packages/1a/c2/c2d94cbe6ac1753f3fc980da97b3d930efe1da3af3c9f5125354436c073d/multidict-6.7.1.tar.gz>

Dependency Path azure-data-tables > yarl > multidict

Declared License(s)

Apache-2.0

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Discovered License(s)

0BSD

Copyright(s) Contributors to the pythoncapi_compat project.

Notice File(s)

None

packaging 26.3

pip+packaging\$26.3 • **Transitive**

Description

packaging ===== .. start-intro Reusable core utilities for various Python Packaging interoperability specifications

<<https://packaging.python.org/specifications/>>_. This library provides utilities that implement the interoperability specifications which have clearly one correct behaviour (eg: :pep:440) or benefit greatly from having a single shared implementation (eg: :pep:425). .. end-intro

The packaging`project includes the following: version handling, specifiers, markers, requirements, tags, utilities. Documentation ----- The documentation` provides information and the API for the following: - Version Handling - Specifiers - Markers - Requirements - Tags - Utilities

Installation ----- Use pip`to install these utilities:: pip install packaging

The packaging`library uses calendar-based versioning (YY.N). Discussion ----- If you run into bugs, you can file them in our issue tracker`. You can also join #pypa`on Freenode to ask questions or get involved. .. _documentation: <https://packaging.pypa.io/> .. _issue tracker: <https://github.com/pypa/packaging/issues> Code of Conduct - ----- Everyone interacting in the packaging project's codebases, issue trackers, chat rooms, and mailing lists is expected to follow the PSF Code of Conduct`. .. _PSF Code of Conduct: https://github.com/pypa/.github/blob/main/CODE_OF_CONDUCT.md

Contributing ----- The CONTRIBUTING.rst`file outlines how to contribute to this project as well as how to report a potential security issue. The documentation for this project also covers information about project development` and security`. .. \_project development: <https://packaging.pypa.io/en/latest/development/> .. \_security: <https://packaging.pypa.io/en/latest/security/> Project History ----- --- Please review the CHANGELOG.rst`file or the Changelog documentation` for recent changes and project history. .. _Changelog documentation: <https://packaging.pypa.io/en/latest/changelog/>

Package Info

Package Author(s)	Donald Stufft < donald@stufft.io >
Package Manager	Pip
Project URL	https://pypi.org/project/packaging/
Package Download URL	https://files.pythonhosted.org/packages/7d/fa/3944b40b07da9ce895c0e6303a5ab7d53da063554f534556b134a54d6093/packaging-2.6.3.tar.gz

Dependency Path	ssh://git@github.com/splunk/splunksdcsdk.git > splunk-sdk > deprecation > packaging, solnlib > splunk-sdk > deprecation > packaging, splunk-sdk > deprecation > packaging, splunktaucclib > solnlib > splunk-sdk > deprecation > packaging, splunktaucclib > splunk-sdk > deprecation > packaging
Declared License(s)	
Apache-2.0	
Copyright(s)	None
Discovered License(s)	
None	
Notice File(s)	
None	

pascalcase 0.1.1 npm+pascalcase\$0.1.1 Transitive	
Description	
Convert a string to pascal case (upper camelcase).	
Package Info	
Package Author(s)	github@sellside.com
Package Manager	NPM
Project URL	https://github.com/jonschlinkert/pascalcase
Package Download URL	https://registry.npmjs.org/pascalcase/-/pascalcase-0.1.1.tgz
Dependency Path	@splunk/react-ui > commonmark-react-renderer > pascalcase
Declared License(s)	

MIT

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Discovered License(s)

None

Notice File(s)

None

picomatch 2.3.2

npm+picomatch\$2.3.2 •

Transitive

Description

Blazing fast and accurate glob matcher written in JavaScript, with no dependencies and full support for standard and extended Bash glob features, including braces, extglobs, POSIX brackets, and regular expressions.

Package Info

Package Author(s) brian.woodward@gmail.com, dmalinochkin@rambler.ru, github@sellside.com, npm@tschinder.de

Package Manager NPM

Project URL <https://github.com/micromatch/picomatch>

Package Download URL <https://registry.npmjs.org/picomatch/-/picomatch-2.3.2.tgz>

Dependency Path styled-components > babel-plugin-styled-components > picomatch

Declared License(s)

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None

Notice File(s)

None

postcss-value-parser 4.2.0

npm+postcss-value-parser\$4.2.0 •

Transitive

Description

Transforms css values and at-rule params into the tree

Package Info

Package Author(s)

beneb.info@gmail.com, sheo13666q@gmail.com,
trysound@yandex.ru

Package Manager

NPM

Project URL

<https://github.com/TrySound/postcss-value-parser>

Package Download URL

<https://registry.npmjs.org/postcss-value-parser/-/postcss-value-parser-4.2.0.tgz>

Dependency Path

styled-components > css-to-react-native > postcss-value-parser

Declared License(s)

MIT

Copyright(s)

Bogdan Chadkin <trysound@yandex.ru>

Discovered License(s)

None

Notice File(s)

None

proptache 0.5.2

pip+proptache\$0.5.2 • Transitive

Description

Accelerated property cache

Package Info

Package Author(s)	andrew.svetlov@gmail.com
Package Manager	Pip
Project URL	https://github.com/aio-libs/proptache
Package Download URL	https://files.pythonhosted.org/packages/ec/44/c87281c333769159c50594f22610f77398a47ccbfbbf23074e744e86f87c/proptache-0.5.2.tar.gz
Dependency Path	azure-data-tables > yarl > proptache

Declared License(s)

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Copyright(s)	2016-2021 Andrew Svetlov and aio-libs team

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None

Notice File(s)

NOTICE	
File Path	NOTICE
Notice Text	Copyright 2016-2021, Andrew Svetlov and aio-libs team

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protobuf 6.33.6

pip+protobuf\$6.33.6 •

Transitive

Description

Protocol Buffers are Google's data interchange format

Package Info

Package Author(s)

protobuf@googlegroups.com

Package Manager

Pip

Project URL

<https://developers.google.com/protocol-buffers/>

Package Download URL

<https://files.pythonhosted.org/packages/66/70/e908e9c5e52ef7c3a6c7902c9dfbb34c7e29c25d2f81ade3856445fd5c94/protobuf-6.33.6.tar.gz>

Dependency Path

opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos > protobuf, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common > opentelemetry-proto > protobuf, opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto > protobuf, solnlib > opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos > protobuf, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-

common > opentelemetry-proto > protobuf, solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto > protobuf, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > googleapis-common-protos > protobuf, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-exporter-otlp-proto-common > opentelemetry-proto > protobuf, splunktaucclib > solnlib > opentelemetry-exporter-otlp-proto-grpc > opentelemetry-proto > protobuf

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Protobuf

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Notice File(s)

None

pycparser 3.0

pip+pycparser\$3.0 • Transitive

Description

C parser in Python

Package Info

Package Author(s) Eli Bendersky <eliben@gmail.com>

Package Manager	Pip
Project URL	https://pypi.org/project/pycparser/
Package Download URL	https://files.pythonhosted.org/packages/1b/7d/92392ff7815c21062bea51aa7b87d45576f649f16458d78b7cf94b9ab2e6/pycparser-3.0.tar.gz
Dependency Path	azure-eventhub-checkpointstoreblob > cryptography > cffi > pycparser, azure-identity > cryptography > cffi > pycparser, azure-identity > msal > cryptography > cffi > pycparser, azure-identity > msal > pyjwt > cryptography > cffi > pycparser, azure-identity > msal-extensions > msal > cryptography > cffi > pycparser, azure-identity > msal-extensions > msal > pyjwt > cryptography > cffi > pycparser, azure-storage-blob > cryptography > cffi > pycparser, cryptography > cffi > pycparser

Declared License(s)

BSD-3-Clause

Copyright(s) 2008-2022 Eli Bendersky

Discovered License(s)

None

Notice File(s)

None

PyJWT 2.13.0

pip+pyjwt\$2.13.0
•

Transitive

Description

JSON Web Token implementation in Python

Package Info

Package Author(s) Jose Padilla <hello@jpadilla.com>

Package Manager	Pip
Project URL	https://pypi.org/project/PyJWT/
Package Download URL	https://files.pythonhosted.org/packages/3b/81/58d0ac84e1ef3a3843791d6954d94c0b33d526c75eeb1efbce9d0a4c4077/pyjwt-2.13.0.tar.gz
Dependency Path	azure-identity > msal > pyjwt, azure-identity > msal-extensions > msal > pyjwt

Declared License(s)

MIT

Copyright(s) 2015-2022 José Padilla

Discovered License(s)

None

Notice File(s)

None

react-is 16.13.1

npm+react-is\$16.13.1
 •

Transitive

Description

Brand checking of React Elements.

Package Info

Package Author(s)	opensource+npm@fb.com, react-core@meta.com
Package Manager	NPM
Project URL	https://react.dev/

Package Download URL <https://registry.npmjs.org/react-is/-/react-is-16.13.1.tgz>

Dependency Path @splunk/react-icons > prop-types > react-is, @splunk/react-ui > @splunk/react-icons > prop-types > react-is, @splunk/react-ui > prop-types > react-is, @splunk/react-ui > react-resize-detector > prop-types > react-is, react > prop-types > react-is, react-dom > prop-types > react-is, styled-components > hoist-non-react-statics > react-is

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

resize-observer-polyfill 1.5.1

npm+resize-observer-polyfill\$1.5.1 •

Transitive

Description

A polyfill for the Resize Observer API

Package Info

Package Author(s) que.etc@gmail.com

Package Manager NPM

Project URL <https://github.com/que-etc/resize-observer-polyfill>

Package Download URL <https://registry.npmjs.org/resize-observer-polyfill/-/resize-observer-polyfill-1.5.1.tgz>

Dependency Path @splunk/react-ui > react-resize-detector > resize-observer-polyfill

Declared License(s)

MIT

Copyright(s) 2016 Denis Rul

Discovered License(s)

None

Notice File(s)

None

string.prototype.repeat 0.2.0

npm+string.prototype.repeat\$0.2.0 •

Transitive

Description

A robust & optimized String.prototype.repeat`polyfill, based on the ECMAScript 6 specification.

Package Info

Package Author(s) mathias@qiwi.be, nicolo.ribaudo@gmail.com

Package Manager NPM

Project URL <https://mths.be/repeat>

Package Download URL <https://registry.npmjs.org/string.prototype.repeat/-/string.prototype.repeat-0.2.0.tgz>

Dependency Path @splunk/react-ui > commonmark > string.prototype.repeat

Declared License(s)

MIT

Copyright(s)	Mathias Bynens < http://mathiasbynens.be/ >
Discovered License(s)	None
Notice File(s)	None

tslib 2.8.1

npm+tslib\$2.8.1 • Transitive

Description	Runtime library for TypeScript helper functions
Package Info	
Package Author(s)	andrew@wheream.io, mineyalc@microsoft.com, nathan@shively-sanders.com, rbuckton@chronicles.org, shkamat@microsoft.com, typescript-design@microsoft.com, typescript@microsoft.com, wwigham@gmail.com
Package Manager	NPM
Project URL	https://www.typescriptlang.org/
Package Download URL	https://registry.npmjs.org/tslib/-/tslib-2.8.1.tgz
Dependency Path	@splunk/react-ui > @dnd-kit/core > @dnd-kit/accessibility > tslib, @splunk/react-ui > @dnd-kit/core > @dnd-kit/utilities > tslib, @splunk/react-ui > @dnd-kit/core > tslib, @splunk/react-ui > @dnd-kit/modifiers > @dnd-kit/utilities > tslib, @splunk/react-ui > @dnd-kit/modifiers > tslib, @splunk/react-ui > @dnd-kit/sortable > @dnd-kit/utilities > tslib, @splunk/react-ui > @dnd-kit/sortable > tslib, @splunk/react-ui > @dnd-kit/utilities > tslib
Declared License(s)	

0BSD

Copyright(s) Microsoft Corporation.

Discovered License(s)

None

Notice File(s)

None

use-deep-compare 1.3.0

npm+use-deep-compare\$1.3.0 • Transitive

Description

React hooks, except using deep comparison on the inputs, not reference equality

Package Info

Package Author(s) sandiyarov@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/use-deep-compare>

Package Download URL <https://registry.npmjs.org/use-deep-compare/-/use-deep-compare-1.3.0.tgz>

Dependency Path @splunk/react-ui > use-typed-event-listener > use-deep-compare

Declared License(s)

MIT

Copyright(s) 2019 Alex Sandiiarov

Discovered License(s)

None

Notice File(s)

None

xss-filters 1.2.7

npm+xss-filters\$1.2.7 • **Transitive**

Description

Secure XSS Filters - Just sufficient output filtering to prevent XSS!

Package Info

Package Author(s) adon@yahoo-inc.com, davglass@gmail.com, neraliu@gmail.com, yukinying@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/xss-filters>

Package Download URL <https://registry.npmjs.org/xss-filters/-/xss-filters-1.2.7.tgz>

Dependency Path @splunk/react-ui > commonmark-react-renderer > xss-filters

Declared License(s)

Multi-license: BSD-2-Clause OR unknown OR BSD-3-Clause

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Discovered License(s)

BSD-3-Clause

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Notice File(s)

None

@babel/helper-plugin-utils 7.28.6

npm+@babel/helper-plugin-utils\$7.28.6 •

Transitive

Description

General utilities for plugins to use

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-helper-plugin-utils
Package Download URL	https://registry.npmjs.org/@babel/helper-plugin-utils/-/helper-plugin-utils-7.28.6.tgz
Dependency Path	styled-components > babel-plugin-styled-components > @babel/plugin-syntax-jsx > @babel/helper-plugin-utils

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

@babel/helper-string-parser 7.27.1

npm+@babel/helper-string-parser\$7.27.1 •

Transitive

Description

A utility package to parse strings

Package Info

Package Author(s)	bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com
Package Manager	NPM
Project URL	https://babel.dev/docs/en/next/babel-helper-string-parser
Package Download URL	https://registry.npmjs.org/@babel/helper-string-parser/-/helper-string-parser-7.27.1.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/types > @babel/helper-string-parser, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/types > @babel/helper-string-parser, styled-components > @babel/traverse > @babel/template > @babel/types > @babel/helper-string-parser, styled-components > @babel/traverse > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-annotate-as-pure > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @babel/parser > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/types > @babel/helper-string-parser, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/types > @babel/helper-string-parser

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Discovered License(s)

None

Notice File(s)

None

@babel/helper-validator-identifier 7.28.5

npm+@babel/helper-validator-identifier\$7.28.5 •

Transitive

Description

Validate identifier/keywords name

Package Info

Package Author(s) bng412@gmail.com, hello+npm@nicr.dev, hi@henryzoo.com, jlhwung@gmail.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/@babel/helper-validator-identifier>

Package Download URL <https://registry.npmjs.org/@babel/helper-validator-identifier/-/helper-validator-identifier-7.28.5.tgz>

Dependency Path styled-components > @babel/helper-module-imports > @babel/traverse > @babel/types > @babel/helper-validator-identifier, styled-components > @babel/traverse > @babel/template > @babel/types > @babel/helper-validator-identifier, styled-components > @babel/traverse > @babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-annotate-as-pure > @babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @babel/parser > @babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator >

@babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/code-frame > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/types > @babel/helper-validator-identifier, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/types > @babel/helper-validator-identifier

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None

Notice File(s)

None

@jridgewell/gen-mapping 0.3.13

npm+@jridgewell/gen-mapping\$0.3.13 • Transitive

Description

Generate source maps

Package Info

Package Author(s) justin+npm@ridgewell.name

Package Manager NPM

Project URL	https://github.com/jridgewell/sourcemap/tree/main/packages/gen-mapping
Package Download URL	https://registry.npmjs.org/@jridgewell/gen-mapping/-/gen-mapping-0.3.13.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping, styled-components > @babel/traverse > @babel/generator > @jridgewell/gen-mapping, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping

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None

Notice File(s)

None

@jridgewell/trace-mapping 0.3.31

npm+@jridgewell/trace-mapping\$0.3.31 •

Transitive

Description

Trace the original position through a source map

Package Info

Package Author(s)	justin+npm@ridgewell.name
Package Manager	NPM

Project URL <https://github.com/jridgewell/sourcemaps/tree/main/packages/trace-mapping>

Package Download URL <https://registry.npmjs.org/@jridgewell/trace-mapping/-/trace-mapping-0.3.31.tgz>

Dependency Path
styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping, styled-components > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping, styled-components > @babel/traverse > @babel/generator > @jridgewell/trace-mapping, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping

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None

Notice File(s)

None

@react-spring/animated 9.2.6

npm+@react-spring/animated\$9.2.6 • Transitive

Description

Animated component props for React

Package Info

Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/animated/-/animated-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/konva > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/core > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/core > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/core > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/zdog > @react-spring/animated, @splunk/react-ui > react-spring > @react-spring/zdog > @react-spring/core > @react-spring/animated

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MIT

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Discovered License(s)

None

Notice File(s)

None

Description

Globals and shared modules

Package Info

Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/shared/-/shared-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/animated > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/core > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/core > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/core > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/shared, @splunk/react-ui > react-spring > @react-spring/zdog > @react-spring/shared

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Discovered License(s)

None

Notice File(s)

None

@react-spring/types 9.2.6

npm+@react-spring/types\$9.2.6 • Transitive

Description

Internal package with TypeScript stuff

Package Info

Package Author(s)	joshua.ellis18@gmail.com
Package Manager	NPM
Project URL	https://github.com/pmndrs/react-spring#readme
Package Download URL	https://registry.npmjs.org/@react-spring/types/-/types-9.2.6.tgz
Dependency Path	@splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/animated > @react-spring/shared > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/animated > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/shared > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/shared > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/native > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/three > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/web > @react-spring/types, @splunk/react-ui > react-spring > @react-spring/zdog > @react-spring/types

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Discovered License(s)

None

Notice File(s)

None

dequal 2.0.3

npm+dequal\$2.0.3 •

Transitive

Description

A tiny (304B to 489B) utility for check for deep equality

Package Info

Package Author(s)	luke@lukeed.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/dequal
Package Download URL	https://registry.npmjs.org/dequal/-/dequal-2.0.3.tgz
Dependency Path	@splunk/react-ui > use-typed-event-listener > use-deep-compare > dequal

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MIT

Copyright(s) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)

Discovered License(s)

None

Notice File(s)

None

fast-deep-equal 3.1.3

npm+fast-deep-equal\$3.1.3 • Transitive

Description

Fast deep equal

Package Info

Package Author(s)	e.poberezkin@me.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/fast-deep-equal
Package Download URL	https://registry.npmjs.org/fast-deep-equal/-/fast-deep-equal-3.1.3.tgz
Dependency Path	raw-loader > schema-utils > ajv > fast-deep-equal

Declared License(s)

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Discovered License(s)

None

Notice File(s)

None

fast-json-stable-stringify 2.1.0

npm+fast-json-stable-stringify\$2.1.0 • Transitive

Description

deterministic JSON.stringify() - a faster version of substack's json-stable-stringify without jsonify

Package Info

Package Author(s)	e.poberezkin@me.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/fast-json-stable-stringify
Package Download URL	https://registry.npmjs.org/fast-json-stable-stringify/-/fast-json-stable-stringify-2.1.0.tgz
Dependency Path	raw-loader > schema-utils > ajv > fast-json-stable-stringify

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Discovered License(s)

None

Notice File(s)

None

jsesc 3.1.0

npm+jsesc\$3.1.0 •

Transitive

Description

Given some data, jsesc returns the shortest possible stringified & ASCII-safe representation of that data.

Package Info

Package Author(s)	mathias@qiwi.be
Package Manager	NPM
Project URL	https://mths.be/jsesc
Package Download URL	https://registry.npmjs.org/jsesc/-/jsesc-3.1.0.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > jsesc, styled-components > @babel/traverse > @babel/generator > jsesc, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > jsesc

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MIT	
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Discovered License(s)

None	
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Notice File(s)

None	
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json-schema-traverse
 0.4.1

npm+json-schema-traverse\$0.4.1
 •

Transitive

Description

Traverse JSON Schema passing each schema object to callback	
---	--

Package Info

Package Author(s)	e.poberezkin@me.com
Package Manager	NPM

Project URL <https://www.npmjs.com/package/json-schema-traverse>

Package Download URL <https://registry.npmjs.org/json-schema-traverse/-/json-schema-traverse-0.4.1.tgz>

Dependency Path raw-loader > schema-utils > ajv > json-schema-traverse

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Discovered License(s)

None

Notice File(s)

None

ms 2.1.3

npm+ms\$2.1.3 • Transitive

Description

Tiny millisecond conversion utility

Package Info

Package Author(s) allenhai03@gmail.com, ana.trajkovska2015@gmail.com, artzbitz@gmail.com, atcastle@gmail.com, belen@vercel.com, chris@leishman.org, ds303077135@gmail.com, franco@basement.studio, g.cobben@gmail.com, gbmonaco@google.com, guybedford@gmail.com, hank@vercel.com, hello@evilrabb.it, houssein.djirdeh@gmail.com, igor@klopov.com, iyatomi@gmail.com, jan.krems@gmail.com, janicklasralph036@gmail.com, jared@palmer.net, jason@developit.ca, javier.velasco86@gmail.com, jj@jjsweb.site, joecohenr@gmail.com, josefrancisco.verdu@gmail.com, juancampa@gmail.com, lrobinson2011@gmail.com, lsimon@commoner.com,

luc.leray@gmail.com, luisito453@gmail.com, mail@connordav.is, mail@msweeneydev.com, mark.glagola@gmail.com, matheus.frndes@gmail.com, mindrun@icloud.com, mrfix84@gmail.com, naoyuki.kanezawa@gmail.com, nathan@tootallnate.net, nazareno@basement.studio, npm@keanulee.com, paulogdemitri@gmail.com, prateek89born@gmail.com, pvco.coursey@gmail.com, rabautse@gmail.com, ragojosefrancisco@gmail.com, rauchg@gmail.com, samko9522@gmail.com, shu@chibicode.com, shubhie@gmail.com, skllcrn@zeit.co, steven@ceriously.com, team@zeit.co, thecodetheory@gmail.com, tim@timneutkens.nl, timer150@gmail.com, williamli@bbi.io

Package Manager	NPM
Project URL	https://github.com/vercel/ms#readme
Package Download URL	https://registry.npmjs.org/ms/-/ms-2.1.3.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > debug > ms, styled-components > @babel/traverse > debug > ms, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > debug > ms
Declared License(s)	
MIT	
Copyright(s)	2020 Vercel, Inc.
Discovered License(s)	
None	
Notice File(s)	
None	

Description

The tiniest and the fastest library for terminal output formatting with ANSI colors

Package Info

Package Author(s)	oleksii.raspopov@gmail.com
Package Manager	NPM
Project URL	https://github.com/alexeyraspopov/picocolors#readme
Package Download URL	https://registry.npmjs.org/picocolors/-/picocolors-1.1.1.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/code-frame > picocolors, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/code-frame > picocolors, styled-components > @babel/traverse > @babel/code-frame > picocolors, styled-components > @babel/traverse > @babel/template > @babel/code-frame > picocolors, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/code-frame > picocolors, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/template > @babel/code-frame > picocolors

Declared License(s)

ISC	
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Discovered License(s)

None

Notice File(s)

None

uri-js 4.4.1

npm+uri-js\$4.4.1 • Transitive

Description

An RFC 3986/3987 compliant, scheme extendable URI/IRI parsing/validating/resolving library for JavaScript.

Package Info

Package Author(s)	gary.court@gmail.com
Package Manager	NPM
Project URL	https://www.npmjs.com/package/uri-js
Package Download URL	https://registry.npmjs.org/uri-js/-/uri-js-4.4.1.tgz
Dependency Path	raw-loader > schema-utils > ajv > uri-js

Declared License(s)

BSD-2-Clause

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Discovered License(s)

None

Notice File(s)

None

@jridgewell/resolve-uri 3.1.2

npm+@jridgewell/resolve-uri\$3.1.2 • Transitive

Description

Resolve a URI relative to an optional base URI

Package Info

Package Author(s)	justin+npm@ridgewell.name
Package Manager	NPM
Project URL	https://github.com/jridgewell/resolve-uri#readme
Package Download URL	https://registry.npmjs.org/@jridgewell/resolve-uri/-/resolve-uri-3.1.2.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/resolve-uri, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/resolve-uri, styled-components > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/resolve-uri, styled-components > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/resolve-uri, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/resolve-uri, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/resolve-uri

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

Description

Encode/decode sourcemap mappings

Package Info

Package Author(s)	justin+npm@ridgewell.name
Package Manager	NPM
Project URL	https://github.com/jridgewell/sourcemaps/tree/main/packages/sourcemap-codec
Package Download URL	https://registry.npmjs.org/@jridgewell/sourcemap-codec/-/sourcemap-codec-1.5.5.tgz
Dependency Path	styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/sourcemap-codec, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec, styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec, styled-components > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/sourcemap-codec, styled-components > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec, styled-components > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/sourcemap-codec, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/gen-mapping > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec, styled-components > babel-plugin-styled-components > @babel/helper-module-imports > @babel/traverse > @babel/generator > @jridgewell/trace-mapping > @jridgewell/sourcemap-codec

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Discovered License(s)

None

Notice File(s)

None

@react-spring/rafz 9.2.6

npm+@react-spring/rafz\$9.2.6 • Transitive

Description

react-spring's fork of rafz one frameloop to rule them all

Package Info

Package Author(s) joshua.ellis18@gmail.com

Package Manager NPM

Project URL <https://github.com/pmndrs/react-spring/tree/main/packages/rafz#readme>

Package Download URL <https://registry.npmjs.org/@react-spring/rafz/-/rafz-9.2.6.tgz>

Dependency Path @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/animated > @react-spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/core > @react-spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring > @react-spring/konva > @react-spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/core > @react-spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring > @react-spring/native > @react-spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring > @react-spring/three > @react-

spring/core > @react-spring/shared > @react-spring/rafz,
@splunk/react-ui > react-spring > @react-spring/three > @react-
spring/shared > @react-spring/rafz, @splunk/react-ui > react-spring >
@react-spring/web > @react-spring/core > @react-spring/shared >
@react-spring/rafz, @splunk/react-ui > react-spring > @react-
spring/web > @react-spring/shared > @react-spring/rafz,
@splunk/react-ui > react-spring > @react-spring/zdog > @react-
spring/shared > @react-spring/rafz

Declared License(s)

MIT

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Discovered License(s)

None

Notice File(s)

None

punycode 2.3.1

npm+punycode\$2.3.1 • Transitive

Description

A robust Punycode converter that fully complies to RFC 3492 and RFC 5891, and works on nearly all JavaScript platforms.

Package Info

Package Author(s) mathias@qiwi.be, node-team-npm+wombot@google.com

Package Manager NPM

Project URL <https://www.npmjs.com/package/punycode>

Package Download URL <https://registry.npmjs.org/punycode/-/punycode-2.3.1.tgz>

Dependency Path raw-loader > schema-utils > ajv > uri-js > punycode

Declared License(s)

MIT

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None