
intake_netflow Documentation

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This package enables Intake to read Netflow v9-format files.

QUICKSTART

This guide will show you how to get started using Intake to read IP flow records.

1.1 Installation

For conda users, the Intake Netflow plugin is installed with the following commands:

```
conda install -c intake intake-netflow
```


API REFERENCE

`intake_netflow.source.`

`NetflowSource(urlpath)`

Attributes

`intake_netflow.v9.PacketStream(source)`

A read-only representation of serialized packets.

`intake_netflow.v9.RecordStream(source)`

A read-only representation of serialized data records.

class `intake_netflow.source.NetflowSource` (*urlpath, metadata=None*)

Attributes

cache_dirs

classname

datashape

description

has_been_persisted

hvplot Returns a hvPlot object to provide a high-level plotting API.

is_persisted

plot Returns a hvPlot object to provide a high-level plotting API.

plots List custom associated quick-plots

Methods

<code>close(self)</code>	Close open resources corresponding to this data source.
<code>discover(self)</code>	Open resource and populate the source attributes.
<code>export(self, path, **kwargs)</code>	Save this data for sharing with other people
<code>persist(self[, ttl])</code>	Save data from this source to local persistent storage
<code>read(self)</code>	Load entire dataset into a container and return it
<code>read_chunked(self)</code>	Return iterator over container fragments of data source
<code>read_partition(self, i)</code>	Return a part of the data corresponding to i-th partition.
<code>to_dask(self)</code>	Return a dask container for this data source
<code>to_spark(self)</code>	Provide an equivalent data object in Apache Spark

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Table 2 – continued from previous page

<code>yaml(self[, with_plugin])</code>	Return YAML representation of this data-source
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<code>get_persisted</code>	
<code>set_cache_dir</code>	

read (*self*)

Load entire dataset into a container and return it

to_dask (*self*)

Return a dask container for this data source

class `intake_netflow.v9.PacketStream` (*source*)

A read-only representation of serialized packets.

Parameters:

source [file-like object] Read-only input for packets.

Methods

<code>close</code>	
<code>next</code>	

class `intake_netflow.v9.RecordStream` (*source*)

A read-only representation of serialized data records.

Parameters:

source [file-like object] Read-only input for data records.

Methods

<code>close</code>	
<code>next</code>	

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