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# **intake\_netflow Documentation**

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



# CHAPTER 1

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## Quickstart

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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
```



# CHAPTER 2

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## API Reference

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*intake\_netflow.source.*  
`NetflowSource(urlpath)`

### Attributes

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<code>intake_netflow.v9.PacketStream(source)</code>	A read-only representation of serialized packets.
<code>intake_netflow.v9.RecordStream(source)</code>	A read-only representation of serialized data records.

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

### Attributes

`cache_dirs`

`datashape`

`description`

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

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

`plots` List custom associated quick-plots

### Methods

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<code>close()</code>	Close open resources corresponding to this data source.
<code>discover()</code>	Open resource and populate the source attributes.
<code>read()</code>	Load entire dataset into a container and return it
<code>read_chunked()</code>	Return iterator over container fragments of data source
<code>read_partition(i)</code>	Return a (offset_tuple, container) corresponding to i-th partition.

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Table 2 – continued from previous page

<code>to_dask()</code>	Return a dask container for this data source
<code>to_spark()</code>	Provide an equivalent data object in Apache Spark
<code>yaml([with_plugin])</code>	Return YAML representation of this data-source

<code>set_cache_dir</code>	
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**read()**

Load entire dataset into a container and return it

**to\_dask()**

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>	

# CHAPTER 3

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## Indices and tables

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