
connectctl

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CONNECTCTL INSTALLATION

The contains details of how to install and uninstall connectctl

1.1 Requirements

connectctl runs on Linux, Windows and MacOS.

1.2 Download the binary

The connectctl binary can be downloaded from the [releases section](#). Its advised that you make the binary available in your PATH.

1.3 Future work

We'll be supplying an install script and support for various package managers in the future.

**CHAPTER
TWO**

FAQ

Any questions related to connecttl:

CONNECTCTL

connectctl: manage Kafka Connect

3.1 connectctl

connectctl: work with Kafka Connect easily

3.1.1 Synopsis

connectctl is a cli that makes working with kafka connect easier. It can be used to manage connectors and plugins and to also actively manage/reconcile the state of a cluster.

The operations you can perform are split into 2 subcommands: connectors Manage Kafka Connect connectors plugins Manage Kafka connect connector plugins

Example usage:

```
$ connectctl connectors add \  
    -c http://connect:8083  
$ connectctl connectors list -c http://connect:8083
```

3.1.2 Options

-h, --help	Help for connectctl
-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.1.3 SEE ALSO

- [connectctl connectors](#) - Perform connector operations against a Kafka Connect cluster
- [connectctl plugins](#) - Perform connector plugin operations against a Kafka Connect cluster
- [connectctl version](#) - Display version information

3.2 connectctl connectors

perform a connector operation against a Kafka Connect cluster

3.2.1 Synopsis

Perform operations against a Kafka Connect cluster that relate to connectors. Operations are always against a specific cluster and URL must be supplied.

```
connectctl connectors <command...> [flags]
```

3.2.2 Options

None, all options are at the subcommand level

3.2.3 Options inherited from parent commands

<code>-h, --help</code>	Help for connectctl
<code>-l, --loglevel loglevel</code>	Specify the loglevel for the program (default info)
<code>--logfile</code>	Specify a file to output logs to

3.2.4 SEE ALSO

- [connectctl](#) - connectctl: work with Kafka Connect easily
- [connectctl connectors status](#) - Connectors status
- [connectctl connectors add](#) - Add connectors
- [connectctl connectors remove](#) - Remove connectors
- [connectctl connectors list](#) - List connectors
- [connectctl connectors restart](#) - Restart connectors
- [connectctl connectors pause](#) - Pause connectors
- [connectctl connectors resume](#) - Resume connectors
- [connectctl connectors manage](#) - Actively manage connectors

3.3 connectctl connectors add

Add a connector

3.3.1 Synopsis

Creates a new connector based on a definition in a cluster. It can create one or more connectors in a single execution.

```
connectctl connectors add [flags]
```

3.3.2 Options

```

-h, --help    help for add
-c, --clusterURL the url of the kafka connect cluster to create the connectors in
-f, --files    the json file containing the connector definition. Multiple files
↳can be specified      either by comma separating file1.json,file2.json or by repeating
↳the flag.
-d, --directory a director that contains json files with the connector
↳definitions to add

```

NOTE: the -d and -f options are mutually exclusive.

3.3.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.3.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.4 connectctl connectors list

List the connectors

3.4.1 Synopsis

Lists all the connectors in a given Kafka Connect cluster. The output includes the connector status and the format can be specified.

```
connectctl connectors list [flags]
```

3.4.2 Options

```

-h, --help    help for add
-c, --clusterURL the url of the kafka connect cluster to remove the connectors from
-o, --output    specify the format of the list of connectors. Valid options
                are json and table. The default is json.

```

3.4.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.4.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.5 connectctl connectors manage

Actively manage connectors in a cluster

3.5.1 Synopsis

This command will actively manage connectors in a cluster by creating, updating, removing and restarting connectors. The command can be run once or it can run continuously where it will sync the desired state and actually state on a periodic basis.

```
connectctl connectors manage [flags]
```

3.5.2 Options

-h, --help	help	for add
-c, --clusterURL		the url of the kafka connect cluster to actively manage
-f, --files		the json file(s) containing the connector definition.
↪ Multiple files can be	specified	either by comma separating file1.json,file2.json or by
↪ repeating the flag.		
-d, --directory		a director that contains json files with the connector
↪ definitions to add		
-s, --sync-period		how often to check the current state of the connectors in the
↪ cluster specified		by -c and the desired stats of the connectors as specified by
↪ -f or -d.		The default is 5 minutes.
--allow-purge		if specified then any connectors that are found in the
↪ cluster that aren't		in the desired state (as specified by -f or -d) will be
↪ deleted from the cluster.		The default is false.
--auto-restart		if specified then connector tasks will be restarted if they
↪ are in a FAILED state		The default is false.
--once		if specified the command will run once and then exit. The
↪ default is false.		

NOTE: the -d and -f options are mutually exclusive. If you don't specify --once then the command will run continuously and will try and synchronise the state of the cluster according the duration specific by the -s option.

3.5.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.5.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.6 connectctl connectors pause

Pause connectors

3.6.1 Synopsis

Pauses connectors in a specified Kafka Connect cluster. It can pause one or more connectors in a single execution.

```
connectctl connectors pause [flags]
```

3.6.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to pause connectors in
-n, --connectors	the names of the connectors to pause. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag --n conn1 --n conn2. If no name is supplied then ALL connectors will be paused.

3.6.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.6.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.7 connectctl connectors remove

Remove a connector

3.7.1 Synopsis

Removes a named connector from a cluster. It can remove one or more connectors in a single execution.

```
connectctl connectors remove [flags]
```

3.7.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to remove the connectors from
-n, --connectors	the names of the connectors to remove. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag --n conn1 --n conn2.

3.7.3 Options inherited from parent commands

3.8 connectctl connectors remove

Remove a connector

3.8.1 Synopsis

Removes a named connector from a cluster. It can remove one or more connectors in a single execution.

```
connectctl connectors remove [flags]
```

3.8.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to remove the connectors from
-n, --connectors	the names of the connectors to remove. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag --n conn1 --n conn2.

3.8.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.8.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.8.5 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.9 connectctl connectors restart

Restart connectors

3.9.1 Synopsis

Restart connectors in a specified Kafka Connect cluster. It can restart one or more connectors in a single execution.

```
connectctl connectors restart [flags]
```

3.9.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to restart connectors in
-n, --connectors	the names of the connectors to restart. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag --n conn1 --n conn2. If no name is supplied then ALL connectors will be restarted.

3.9.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.9.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.10 connectctl connectors resume

Resume connectors

3.10.1 Synopsis

Resume connectors in a specified Kafka Connect cluster. It can resume one or more connectors in a single execution.

```
connectctl connectors resume [flags]
```

3.10.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to resume connectors in
-n, --connectors	the names of the connectors to resume. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag --n conn1 --n conn2. If no name is supplied then ALL connectors will be resumed.

3.10.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.10.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.11 connectctl connectors status

Status of connectors

3.11.1 Synopsis

Display status of selected connectors. If some tasks or connectors are failing, command will exit with code 1.

```
connectctl connectors status [flags]
```

3.11.2 Options

<code>-h, --help</code>	help for add
<code>-c, --clusterURL</code>	the url of the kafka connect cluster
<code>-n, --connectors</code>	the names of the connectors. Multiple connector names can be specified either by comma separating conn1,conn2 or by repeating the flag <code>--n conn1 --n conn2</code> . If no name is supplied status of ALL connectors will be displayed.
<code>-o, --output</code> <code>↪ "json")</code>	specify the output format (valid options: json, table) (default
<code>-q, --quiet</code>	disable output logging

3.11.3 Options inherited from parent commands

<code>-l, --loglevel loglevel</code>	Specify the loglevel for the program (default info)
<code>--logfile</code>	Specify a file to output logs to

3.11.4 SEE ALSO

- [connectctl connectors](#) - Manage connectors

3.12 connectctl plugins

Manage connector plugins

3.12.1 Synopsis

Perform operations against a Kafka Connect cluster that relate to connector plugins. Operations are always against a specific cluster and URL must be supplied.


```
connectctl plugins <command...> [flags]
```

3.12.2 Options

None, all options are at the subcommand level

3.12.3 Options inherited from parent commands

-h, --help	Help for connectctl
-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.12.4 SEE ALSO

- [connectctl](#) - connectctl: work with Kafka Connect easily
- [connectctl plugins list](#) - List connector plugins
- [connectctl plugins validate](#) - Validates connector config

3.13 connectctl plugins list

List connector plugins

3.13.1 Synopsis

Lists all the connector plugins installed on a given Kafka Connect cluster node. The output can be formatted as JSON or a table.

```
connectctl plugins list [flags]
```

3.13.2 Options

-h, --help	help for add
-c, --clusterURL	the url of the kafka connect cluster to list the plugins from
-o, --output	specify the format of the list of plugins. Valid options are json and table. The default is json.

3.13.3 Options inherited from parent commands

-l, --loglevel loglevel	Specify the loglevel for the program (default info)
--logfile	Specify a file to output logs to

3.13.4 SEE ALSO

- [connectctl plugins](#) - Manage plugins

3.14 connectctl plugins validate

Validates connector config

3.14.1 Synopsis

Validate the provided configuration values against the configuration definition. This API performs per config validation, outputs suggested values and error messages during validation. It exits with code 1 if config is invalid.

```
connectctl plugins validate [flags]
```

3.14.2 Options

```
-c, --cluster string    the URL of the connect cluster (required)
-h, --help              help for validate
-i, --input string      Input data in json format (required)
-o, --output string      specify the output format (valid options: json, table) └
➔ (default "json")
-q, --quiet              disable output logging
```

3.14.3 Options inherited from parent commands

```
-l, --loglevel loglevel  Specify the loglevel for the program (default info)
--logfile                Specify a file to output logs to
```

3.14.4 SEE ALSO

- [connectctl plugins](#) - Manage plugins

3.15 connectctl version

Print the version of connectctl

3.15.1 Synopsis

Prints version information of connectctl

```
connectctl version
```

3.15.2 Options

<pre>-h, --help help for version -c, --clusterURL the url of the kafka connect cluster</pre>

3.15.3 SEE ALSO

- [connectctl](#) - connectctl: work with Kafka Connect easily

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`