

juju plugin

This plugin provides useful aliases and functions for juju (for TAB completion, refer to the official repo).

To use this plugin, add juju to the plugins array in your zshrc file.

```
plugins=(... juju)
```

Aliases

Naming convention:

- ! suffix: `--force --no-wait -y`.
- ds suffix: `--destroy-storage`.
- jsh prefix means `juju show-*`.

General

Alias	Command	Description
j	juju	The juju command
jcld	juju clouds	Lists all clouds with registered credentials
jclda	juju clouds --all	Lists all clouds available to Juju
jdl	juju debug-log --ms	Display log, with millisecond resolution
jdlr	juju debug-log --ms --replay	Replay entire log
jh	juju help	Show help on a command or other topic
jshsl	juju show-status-log	Output past statuses for the specified entity
jstj	juju status --format=json	Show status in json format (more detailed)
jst	juju status --relations --color	Show status, including relations, in color
jsts	juju status --relations --storage --color	Show status, including relations and storage, in color

Bootstrap

Alias	Command	Description
jb	juju bootstrap	Initializing a Juju cloud environment
jbng	juju bootstrap --no-gui	Initializing a Juju cloud environment without GUI

Alias	Command	Description
jbl	juju bootstrap localhost	Initializing an lxd cloud environment
jblng	juju bootstrap --no-gui localhost	Initializing an lxd cloud environment without GUI
jbm	juju bootstrap microk8s	Initializing a MicroK8s cloud environment
jbmng	juju bootstrap --no-gui microk8s	Initializing a MicroK8s cloud environment without GUI

Controller

Alias	Command	Description
jctl	juju controllers	List all controllers
jctlr	juju controllers --refresh	List all controllers (download latest details)
jd	juju destroy-controller --destroy-all-models	Destroy a controller
jd!	juju destroy-controller --destroy-all-models --force --no-wait -y	Destroy a controller
jdcds	juju destroy-controller --destroy-all-models --destroy-storage	Destroy a controller and associated storage
jdcds!	juju destroy-controller --destroy-all-models --destroy-storage --force --no-wait -y	Destroy a controller and associated storage
jkc	juju kill-controller -y -t 0	Forcibly terminate all associated resources for a Juju controller
jshc	juju show-controller	Shows detailed information of a controller
jsw	juju switch	Select or identify the current controller and model

Model

Alias	Command	Description
jam	juju add-model	Add a hosted model
jdm	juju destroy-model	Non-recoverable, complete removal of a model

Alias	Command	Description
jdm!	juju destroy-model --force --no-wait -y	Non-recoverable, complete removal of a model
jdmds	juju destroy-model --destroy-storage	Non-recoverable, complete removal of a model
jdmds!	juju destroy-model --destroy-storage --force --no-wait -y	Non-recoverable, complete removal of a model
jmc	juju model-config	Display or set configuration values on a model
jm	juju models	List models a user can access on a controller
jshm	juju show-model	Show information about the current or specified model
jsw	juju switch	Select or identify the current controller and model

Application / unit

Alias	Command	Description
jc	juju config	Get, set, or reset configuration for a deployed application
jde	juju deploy --channel=edge	Deploy a new application or bundle from the edge channel
jd	juju deploy	Deploy a new application or bundle
jra	juju run-action	Queue an action for execution
jraw	juju run-action --wait	Queue an action for execution and wait for results, with optional timeout
jrm	juju remove-application	Remove application
jrm!	juju remove-application --force --no-wait	Remove application forcefully
jrmads	juju remove-application --destroy-storage	Remove application and destroy attached storage
jrmads!	juju remove-application --destroy-storage --force --no-wait	Remove application forcefully, destroying attached storage
jrps	juju refresh --path	Upgrade charm from local charm file
jsa	juju scale-application	Set the desired number of application units
jssh	juju ssh	Initiate an SSH session or execute a command on a Juju target
jsshc	juju ssh --container	Initiate an SSH session or execute a command on a given container

Alias	Command	Description
jshu	juju show-unit	Displays information about a unit

Storage

Alias	Command	Description
jrs	juju remove-storage	Remove storage
jrs!	juju remove-storage --force	Remove storage even if it is currently attached

Relation

Alias	Command	Description
jrel	juju relate	Relate two applications
jrmrel	juju remove-relation	Remove an existing relation between two applications.
jrmrel!	juju remove-relation --force	Remove an existing relation between two applications, forcefully.

Cross-model relation (CMR)

Alias	Command	Description
jex	juju expose	Make an application publicly available over the network
jof	juju offer	Offer application endpoints for use in other models
jcon	juju consume	Add a remote offer to the model
jrmsas	juju remove-saas	Remove consumed applications (SAAS) from the model
junex	juju unexpose	Remove public availability over the network for an application

Bundle

Alias	Command	Description
jeb	juju export-bundle	Export the current model configuration as a reusable bundle

Functions

- `jaddr <app_name> [unit_num]`: display app or unit IP address.
- `jreld <relation_name> <app_name> <unit_num>`: display app and unit relation data.
- `jcld`: destroy all controllers
- `wjst [interval_secs] [args_for_watch]`: watch juju status, with optional interval (default: 5s); you may pass additional arguments to `watch`.