

Application Management Command Reference

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Application Management Command Reference

Use these commands to perform maintenance tasks on your managed instance. Except where noted, you'll find these in `/usr/local/jive/bin`.

Note: Execute these commands as the `jive` user. For example, if you've got `ssh` access as `root` to your host machine, you can use the following command to switch to the `jive` user:

```
sudo su - jive
```

appadd

Jive Application Addition tool (`appadd`). Adds a new application configuration and configuration to the standard locations. Optional parameters may be overridden for hosting multiple instances on a physical host however such configurations are not recommended.

```
appadd [options] name
```

Short	Long	Description
	<code>--version</code>	Show program's version number and exit.
<code>-h</code>	<code>--help</code>	Show help message and exit.

HTTPD Options

Configures the HTTPD integration configuration options.

Short	Long	Description
	<code>--httpd-addr</code>	HTTPD listen address [default 0.0.0.0]
	<code>--vhost</code>	Create a virtual host for HTTPD integration as opposed to proxy directives (default is to create proxy directives only). Default: False
'	<code>--dedicated-httpd-enable</code>	Enable Dedicated HTTPD Server.
'	<code>--dedicated-httpd-port=PORT</code>	Port to use for dedicated httpd server.

Application Options

Configures general application server options.

Short	Long	Description
<code>-s PORT</code>	<code>--server-port=PORT</code>	Application server management port [default 9000]
<code>-j OPT</code>	<code>--java-options=OPTS</code>	Additional JRE options to use with the Java runtime.
'	<code>--custom-option=OPTS</code>	Additional application option to use with the Java runtime.
<code>-c PORT</code>	<code>--cluster-port=PORT</code>	Multicast cluster port [default 9003]
<code>-m ADDR</code>	<code>--cluster-addr=ADDR</code>	Multicast cluster address [224.224.224.224]
'	<code>--cluster-jvm-route=ROUTE</code>	Cluster JVM Route setting for Apache-based load balancing.
'	<code>--cluster-local-port-enable</code>	Enable local multicast cluster port [optional].
'	<code>--cluster-local-port=PORT</code>	Local multicast cluster port [default 9005]

Short	Long	Description
'	--cluster-local-addr=ADDR	Local multicast address [optional].
'	--snmp-enable	Enabled SNMP monitoring [optional]
'	--snmp-port=PORT	SNMP port [optional] [default 10161]

HTTP Options

Configures application server HTTP options.

Short	Long	Description
-z	--http-port	Application server http port [default 9001]
'	--http-addr=ADDR	Application server http listen address [default 127.0.0.1]

AJP Options

Configures application server AJP options.

Short	Long	Description
-a PORT	--ajp-port=PORT	Application server ajp port [default 9002]
	--ajp-addr=ADDR	Application server ajp listen address [default 127.0.0.1]
-t THREADS	--ajp-threads=THREADS	Maximum number of application server AJP worker threads [default 50]
-b BYTES	--ajp-buffer=BYTES	Size in bytes for AJP connection buffers [default 4096]

Application Options

Configures application options.

Short	Long	Description
-p PATH	--context-path=PATH	Application context [default '\']
	--app-cache-size=BYTES	Static cache size in bytes [default 10240 (10M)]
	--app-cache-ttl=MS	Static cache TTL in ms [default 10000 (10 minutes)]

General Options

General configuration not specific to any subsystem. Most should only be used for testing.

Short	Long	Description
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False
	--source=SOURCE	Use the given application template path and not the default in JIVE_HOME. Default: None
	--destination-DEST	Output the application to the given path and not the default in JIVE_HOME. Default: None
	--overwrite	Overwrite any existing application artifacts. Default: False
	--force	Ignore any warnings and proceed, potentially causing conflicts with other applications. Default: False
	--no-link	Use copies instead of symlinks when creating the application [default is to link]
'	--auto-port	Automatically determine ports to use.

appls

```
appls [options]
```

Lists information about platform-managed applications.

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.
-f	--failed	Show only failed application instances. Default: False
-r	--running	Show only running application instances. Default: False
-s	--stopped	Show only stopped application instances. Default: False
-q	--quiet	Remove unnecessary text for combination with other utilities. Default: False
-b	--brief	Remove even more unnecessary text for combination with other utilities.
-n	--name-only	Show only names meeting filter criteria. Default: False
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False

apprm

Jive application removal tool (apprm). Stops and removes a managed application given a valid application name.

```
apprm [options] name
```

Short	Long	Description
-h	--help	Show help message and exit.
'	--version	Show program's version number and exit.
-s	--no-stop	Do not stop the application before removing. Default: True
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False

appsnap

Jive Application Snapshot tool (appsnap). Passively gathers information about a running system and applications.

```
appsnap [options] [name]
```

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.

Snapshot Options

Defines the interval and count of snapshots taken, system or application.

Short	Long	Description
	--no-sys	Do not gather top-level system information. Default: True
-c COUNT	--count=COUNT	Sample count to take [default 1]
-i INTERVAL	--interval=INTERVAL	Time between samples [default 1]
	--jstack=PATH	Use the given path to the jstack binaries for sampling applications. Default: None
	--jstack-opts=OPTS	Pass the given options to jstack binary for sampling detail. Default: None
'	--force=FORCE	Force Java thread dump. This may be fatal to the process resulting in failure if the dump is successful.
-o OUTPUT	--out=OUTPUT	Append output to the given file creating if the file does not exist [default STDOUT]

General Options

General configuration not specific to any subsystem. Most should only be used for testing.

Short	Long	Description
-v	-verbose	Be verbose about what actions are being taken. Default: False
-d	-debug	Show debug information. Default: False

appstart

Jive Application Start tool (appstart). Starts a template-configured application by name. If no name is given, all configured applications are started.

```
appstart [options] name
```

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False

appstop

Jive Application Stop tool (appstop). Stops a template-configured application by name. If no name is given all configured applications are stopped.

```
appstop [options] name
```

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.

Short	Long	Description
-r	--retain	Retain work directory for the application (default false)
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False

appsupport

Jive Application Support tool (appsupport). Passively gathers information about a running system for communicating with Jive support.)

```
appsupport [options]
```

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.

System Options

Fine tune the system information captured by the support dump. By default, all data is captured.

Short	Long	Description
-m	--no-mem	Do not gather memory information. Default: True
-c	--no-cpu	Do not gather CPU information. Default: True
-u	--no-uptime	Do not gather uptime information. Default: True
-s	--no-os	Do not gather operating system information. Default: True
-z	--no-limits	Do not gather ulimit information. Default: True
-x	--no-sysctl	Do not gather sysctl information. Default: True
-n	--no-network	Do not gather network information. Default: True
-f	--no-firewall	Do not gather firewall information. Default: True
-l	--no-logs	Do not gather system log information. Default: True

Jive Options

Fine tune the jive-specific information captured by the support dump. By default, all data is captured.

Short	Long	Description
-e	--no-jive-config	Do not gather Jive-specific configuration information.
-a	--no-jive-apps	Do not gather jive application data.
-j	--no-jive-logs	Do not gather jive-specific logs.
-i	--no-httpd-logs	Do not gather Jive HTTPD logs.
-p	--no-db-logs	Do not gather local system database logs.
-t BYTES	--limit-logs=BYTES	Limit log captures to a given number of bytes [default no limit]

General Options

General configuration not specific to any subsystem. Most should only be used for testing.

Short	Long	Description
-o OUTPUT	--out=OUTPUT	Append output to the given file creating if the file does not exist [default STDOUT]
	--no-time	Do not add timestamps to output. Default: True
-v	--verbose	Be verbose about what actions are being taken. Default: False
-d	--debug	Show debug information. Default: False

dbbackup

Backs up the application database. To create a full backup, omit the options. For more on backups, see the *Operations Cookbook*.

```
dbbackup [options]
```

Short	Long	Description
-s SEGMENT_FILE	'	Database segment to archive.
-d DATA_PATH	'	Path to the data source.
-p DESTINATION_PATH	'	Path to which the archive should be written.

manage

Starts, stops, or restarts the application. Also checks the status of the application.

This command operates on the application it is installed with (*app_name*).

Location: /usr/local/jive/applications/<app_name>/bin

```
upgrade [start | stop | restart | status]
```

upgrade

Jive platform upgrade tool. Used to detect if an upgrade is in progress and which behaviors need to be executed, optionally executing them depending on command options. When invoked with no options, returns 0 if an upgrade is in progress, 1 otherwise.

```
upgrade [options]
```

Short	Long	Description
	--version	Show program's version number and exit.
-h	--help	Show help message and exit.

Upgrade Options

Configures upgrade behaviors.

Short	Long	Description
-x	--dry-run	Show upgrade tasks that would be performed. Default: False

Short	Long	Description
-e	--execute	Perform any pending platform upgrade tasks. Default: False
-r	--reset	Mark all unperformed upgrade tasks as complete and exit. Default: False
-f PATH	--database-file=PATH	Use alternate upgrade database file. Default: None

General Options

General configuration not specific to any subsystem. Most should only be used for testing.

Short	Long	Description
-v	-verbose	Be verbose about what actions are being taken. Default: False
-d	-debug	Show debug information. Default: False