



# TCMAN Quick Reference Guide

A command-line utility for managing and administering your Progress Application Server

**For more information or assistance, check out:**

Education: <https://www.progress.com/support/education>

Documentation: <https://www.progress.com/resources/documentation>

Community: <https://community.progress.com>



TCMAN is a command-line utility for managing and administering a server instance.

Syntax:

```
{ $CATALINA_HOME | $CATALINA_BASE }
/bin/tcman action
[general_options]
[action_options]
```

The actions and options shown can be run from either the core (\$CATALINA\_HOME/bin) or from an instance (\$CATALINA\_BASE/bin)

For Windows use tcman.bat, for UNIX use tcman.sh

### General options

Available options for server and manager actions.

- u uid:pwd Pass uid and pwd for HTTP BASIC authentication. Required for commands that use the Tomcat Manager web application
- v Print verbose output
- M url Override the CATALINA\_BASE manager's URL with <{http|https}://<host>:<port>/<mgr-app>
- B override CATALINA\_BASE environment setting, incompatible with -I
- I <alias> Manage instance by its alias name. Use the alias 'home' for the home server. Note: incompatible with -B option. Alias names may not include the characters []\.,\*#\$?+={}";
- n Debug run action but do not execute changes

### General actions

- env Shows server state

### Server actions

- clean Clean/archive log files
- config Manage server properties
- create Create a new server instance
- delete Delete server instance
- feature Manage server features
- instances List tracked server instances
- plist List the process ids for an instance
- register Register an instance for tracking
- service *Windows only*- Register or unregister an instance as a Windows service
- showproc *Windows only*- Display info about the process specified by a process id
- start Start an instance
- stop Stop a running instance
- test Display information on the configuration and environment
- unregister Stop tracking an instance
- version Show the Apache Tomcat runtime version and OS information for a stopped instance
- workers Create a worker.properties file. A worker is a server that is called by an instance to perform a specific task

### Create an instance

```
tcman create [general options]
-p <http-port> [instance-options]
<new-base-path>

instance-options:
[-f] copy all deployed web apps
[-j <ajp13-port>]
[-m <uid:pwd>]
[-N <inst-alias-name>]
[-P <https-port>]
[-s <shutdown-port>]
[-U <file-owner> -G <file-group>]
[-W <web-apps-dir>]
[-Z <dev|prod>]
```

### Start an instance

```
tcman start [general_options] [-D] [-J]

instance-options:
[-D] Starts Tomcat debug mode, overrides -J
```

[-J] Starts debug mode using the JDBA, cannot be used if -D option is specified

### Clean log files for an instance

```
tcman clean [general_options] [-A]
```

instance-options: [-A] Archive log files to a subdirectory of \$CATALINA\_BASE/logs

### Stop an instance

```
tcman stop [general_options]
[-F] [-w seconds]
```

instance-options: [-F] Kill the server process [-w] Reset default wait interval

### Delete an instance

```
tcman delete
[general_options]
[-y] [base_path|alias_name]
```

### Manager actions

- enable Start web application running
- deploy Deploy application
- disable Stop running web application
- info List server info
- leaks Show server memory leaks
- list List deployed applications
- reload Reload application
- resources List server global resources
- sessions List a web application's sessions
- status Show server status
- undeploy Undeploy application

### Deploy an application

```
tcman deploy [general_options] [-l] [-u
user_id:password] [-a app_name]
war_file_path
```

instance-options: [-l] Load context deploys a tailored web applicatoin without restarting. Requires manager.war to be installed and -u option

[-u user\_id:password] Specify a valid user name and password for HTTP Basic access authentication

-a app\_name Specify a name for the web application. If you do not use this option, the application name will be the same as the .war file name  
war\_file\_path Specify the location of the web application .war file that you want to deploy

### Enable an application

```
tcman enable [general_options] -u
user_id:password app_name
```

### List deployed applications

```
tcman list [general_options] [-u
user_id:password]
```

### Disable an application

```
tcman disable [general_options] -u
user_id:password app_name
```

### Undeploy an application

```
tcman undeploy [general_options] [-u
user_id:password]
```

### Getting more information

```
tcman help [features|properties]
```

- options:
- features List PAS features managed by tcman utility
  - properties List PAS properties managed by tcman utility

Display details for a specific action, property or feature

```
tcman help [action|property|feature]
```

- options:
- action Get help on a specific action (see Server actions and Manager action for a list)
  - feature Get help on a specific feature by name
  - property Get help on a specific property by name

Example: Display details on config action used to add, update and delete a property or properties

```
tcman help config
```