How to install command line adaptor

**Procedure**

1. Obtain the *install-location*\server\conf\qm\adapters\RQMCommmandLineAdapter.zip file from the installation machine.

Note: A server administrator who has read access to the server might need to get the compressed file for you.

1. Extract the RQMCommmandLineAdapter.zip file to a folder on the target test machine.
2. Start the command-line adapter.

***To start the command-line adapter for the first time:***

Run the batch file with the command line arguments as shown:

C:\ start.bat -repository https://*qmserver*:*port*/qm -user *userid* -password *password* [-adapter *adapter*]

[-projectArea *project area*] [-sleepTime *sleep*

*time*] [-configFile *configuration file*]

where:

* + *qmserver*: is the hostname or IP address of the quality management server.
  + *port*: is the port where the quality management server is running
  + *userid*: is a registered user ID for quality management that has the license to run an adapter.
  + *password*: is the password of the submitted user ID.
  + *adapter*: is an adapter name that the user has assigned.
  + *project area*: is the name of the project being logged in to.
  + *sleep time*: is the polling interval between polling for tasks. The default setting is 5 seconds.
  + *log file*: is the file that logs output messages. The default file name is CommandLineAdapter.log.
  + *configuration file*: is the file to store and read the settings for this adapter. The default file name isconfig.ini.

The adapter generates a configuration file (the config.ini file or the file that is specified in the -configFile option) to contain the registration information. This information is reused when the adapter is restarted.

***To restart the command-line adapter from a config.ini file***:

: Run the batch file without any arguments:

C:\ start.bat

: Run the shell script without the command-line arguments:

$ start.sh

Note: The configuration file is expected to be in the directory that the adapter is started from.

**Results**

The system generates a message that is similar to this message:

Launching Command Line Adapter…

Configuration file adapterConfig.ini does not exist, adapter will use the arguments passed

Successfully created an HTTP client

The adapter is now connected

**What to do next**

You can verify the adapter state on the quality management application on the tester machine by clicking Execution > Adapter Console. Make sure the status is GREEN before you attempt to run a test against a running command-line adapter.

**Once you install the Command Line Adaptor then you configure in the Jenkins as per below**

**To Trigger Jenkins build from command line some perquisite are there**

1. Jenkins service is running.
2. Enable security option under “Configure Global Security”

Go to jenkins dashboard in Home page ( e.g http://localhost:8080/ ) -> Manage Jenkins  
-> Configure Global Security -> Click on “**Enable security**” checkbox

You can also configure “**Access Control**” and “**Authorization**” option in Global Security page.  
Jenkins allow us to trigger Jenkins build with any specific user, For that we have to pass username and password in command line.

[](http://techieroop.com/wp-content/uploads/2014/07/Configure-Global-Security-Jenkins-2014-07-07-18-44-04.png)

Below command used to trigger Jenkins job from command line

java -jar jenkins-cli.jar -s http://localhost:8080/ build 'my-project-build' --username roop --password roop