

# Command-line Usage

The most commonly used config parameters can be set through the command line. Assuming you've set up the test framework to execute in the integration-test maven phase, this section describes how you would use the framework from the command line. You will notice that the clean target is always called before running tests. This is required in order to clean out reporting traces from previous test runs.

Parameter	Description	Possible Values	Default Value	Example
browser	Indicates which browser tests should be executed on.	<ul style="list-style-type: none"><li>- firefox</li><li>- phantomjs (headless chrome)</li><li>- iphonebrowser</li><li>- ipadbrowser</li><li>- iphoneapp</li><li>- ipadapp</li></ul>	phantomjs	mvn clean integration-test -Dbrowser=firefox
env	Indicates which environment the tests should be run against.	<ul style="list-style-type: none"><li>- local</li><li>- platformdev</li><li>- sandbox</li><li>- test-www</li><li>- nftest</li><li>- staging-www</li><li>- live</li></ul>	test	mvn clean integration-test
threads	<p>Tests can be executed in parallel in order to reduce execution time.</p> <p>This parameter sets the maximum number of parallel tests which can be executed at any point in time.</p> <p><b>*Note:</b> *If you need to use a debugger, ensure that you use -Dthreads=1</p>	? 1	1	mvn clean integration-test -Dthreads=4
mode	<p>Modes are shortcut configurations for common usage. We currently support:</p> <p><b>Test Mode:</b> The framework is being used to execute tests. Executes all stable tests (as defined by tagging life cycle)</p> <p><b>Dev Mode:</b> The framework is being used to develop/debug tests. Only executes @wip tests.</p> <p><b>Custom Mode:</b> No predefined tags are used. All scenarios or those matching the tags passed in using -Dtags=... are executed.</p>	<ul style="list-style-type: none"><li>- test</li><li>- dev</li><li>- custom</li></ul>	test	mvn clean integration-test -Dmode=dev

cucumberTags	Only executes scenario which match the tags provided <b>and</b> the tags imposed by the mode in which the framework is running.			mvn clean integration-test -DcucumberTags=@smoke
appPath	When using iphoneApp or ipadApp, this parameter is needed to identify the app that will be launched in the ios simulator.			mvn clean integration-test -Dbrowser=iphoneApp -DappPath=src/test/resources/myApp
http.proxyHost and http.proxyPort	<p>These two parameters are optional and used for specifying the proxy settings.</p> <p>When used the Quickstep would expect both the properties to be present.</p> <p>Also <b>@useProxy</b> tag must be added on feature/scenario. Proxy settings are applied when browser instance is being initialized and NOT before scenario execution. To turn proxy off, browser instance must be restarted without proxy settings.</p>			mvn clean integration-test -Dhttp.proxyHost=10.1.1.2 -Dhttp.proxyPort=8080

**Note:** You can of course use multiple parameters at one go. E.g. mvn clean integration-test -Dbrowser=iphone -Denv=live -Dthreads=2 -DcucumberTags=@demo