

JavaScript Unit Testing Methods

If you already have JavaScript unit tests, running them on Sauce using the REST API is simple. Check out [JavaScript Unit Testing](#) for more information.

- [Start JS Unit Tests](#)
- [Get JS Unit Test Status](#)

Standard URL: <https://saucelabs.com/rest/v1/>

Finding Your Username and Access Key

You can find your Sauce Labs username and access key in the **User Profile > User Settings** section of your Sauce Labs dashboard.

Method	Description	URL	Method Type	Request Fields	Example Request
Start JS Unit Tests	Start your JavaScript unit tests on as many browsers as you like with a single request	:username/js-tests	POST	<ul style="list-style-type: none">• platforms (required): an array of desktop platforms• url (required): should point to the page that hosts your tests.• framework (required): can be "qunit", "jasmine", "YUI Test", "mocha", or "custom". <p>The custom framework checks window.global_test_results on the test page and uses whatever object supplied there to get test results. Read about it here.</p> <div style="border: 1px solid orange; padding: 5px; text-align: center;">Supported Jasmine Version Only the Jasmine 2 framework is supported.</div>	<p>✓ OS X/Linux Example</p> <pre>curl https://saucelabs.com/rest/v1/YOUR_USERNAME/js-tests \-X POST \-u YOUR_USERNAME:YOUR_ACCESS_KEY \-H 'Content-Type: application/json' \--data '{ "platforms": ["Windows 7", "firefox", "27"], ["Linux", "googlechrome", ""], "url": "https://saucelabs.com/test_helpers/front_tests/index.html", "framework": "jasmine"}</pre> <p>✓ Windows Example</p> <pre>curl https://saucelabs.com/rest/v1/YOUR_USERNAME/js-tests \-X POST \-u YOUR_USERNAME:YOUR_ACCESS_KEY \-H 'Content-Type: application/json' \-d platforms=["Windows 8", "internet explorer", "10"], ["OS X 10.8", "safari", "6"]" \-d url="https://saucelabs.com/test_helpers/front_tests/index.html" \-d framework=jasmine \-d name=sauce-sample-test</pre>

					<p>Using Sauce Connect</p> <p>Hosting your tests on your LAN or your laptop? You'll need to run Sauce Connect to bridge Sauce Labs to your local network. Optional parameters related to Sauce Connect include:</p> <ul style="list-style-type: none"> • <code>tunnelIdentifier</code>: specifies the ID of a specific tunnel when using multiple Sauce Connect tunnels. • <code>parentTunnel</code>: specifies the username of a parent account whose shared Sauce Connect tunnel your tests should use. <p>Any other parameters get passed on as Optional Desired Capabilities for the Selenium server. This means you can set things like: <code>maxDuration</code></p> <p>The default <code>maxDuration</code> for all JS unit tests is 180 seconds.</p>
<p>Get JS Unit Test Status</p>	<p>Get the status of your JS unit tests</p>	<p><code>:username/js-tests/status</code></p>	<p>POST</p>	<ul style="list-style-type: none"> • <code>js tests</code> (required): an array of job ids which you would like the status of 	<pre>curl https://saucelabs.com/rest/v1/ /YOUR_USERNAME/js-tests/status \-X POST \-u YOUR_USERNAME: YOUR_ACCESS_KEY \-H 'Content-Type: application/json' \ -d '{"js tests": ["JOB_ID_1", " JOB_ID_2"]}'</pre> <p>Make the request multiple times as the tests run until the response contains <code>completed: true</code> to get the final results.</p>