

_c_sharp_quick_start

Configuring Selenium tests to run on Sauce Labs is simple. The basic change is to switch from using a local Selenium driver to using a remote driver pointed at ondemand.saucelabs.com, specifying your Sauce Labs account credentials and desired browser configuration.

Set Sauce URL and Access Credentials

If you wanted to run a Selenium test on Selenium locally, you would initiate a driver for the browser you want to test against like this.

Local C# Testing Example

```
IWebDriver driver = new FirefoxDriver();
```

To run a test on a remote service like Sauce Labs, all you need to change is your `driver` definition, and make sure that the `sauce_endpoint` variable includes your Sauce `USERNAME` and `ACCESSKEY`.

Remote C# Testing on Sauce Example

```
IWebDriver driver;  
DesiredCapabilities desiredCapability = DesiredCapabilities.Firefox();// set the desired browser  
desiredCapability.SetCapability("platform", "Windows 7"); // operating system to use  
driver = new RemoteWebDriver(new Uri("http://YOUR_USERNAME:YOUR_ACCESS_KEY@ondemand.saucelabs.com:80/wd/hub"));
```

To find your Sauce Labs access key:

1. Sign in to <https://saucelabs.com> with the username you set up when you created your account.
You will use this same username in your test script.
2. To find your access key:
 - a. Click your name in the **Account Profile** menu in the upper-right corner.
 - b. Click **User Settings**.
 - c. Scroll down to **Access Key** and click **Show**.
 - d. Enter the password you use to sign in to Sauce Labs to view the access key.
 - e. Click the **Copy** icon.

PAGE DEPRECATED : Updated content located [here](#).

Set Desired Capabilities

Once you have your tests set up to run in the Sauce cloud, you need to define the platform, browser, and version you want the test to run against, which is where `DesiredCapabilities` come into play.

```
DesiredCapabilities desiredCapability = DesiredCapabilities.Firefox();// set the desired browser  
desiredCapability.SetCapability("platform", "Windows 7"); // operating system to use
```

You can manually enter the values you want for the desired capabilities, or you can use our handy [Platform Configurator](#) to generate the `caps` values for any combination of platform, browser, and browser version.