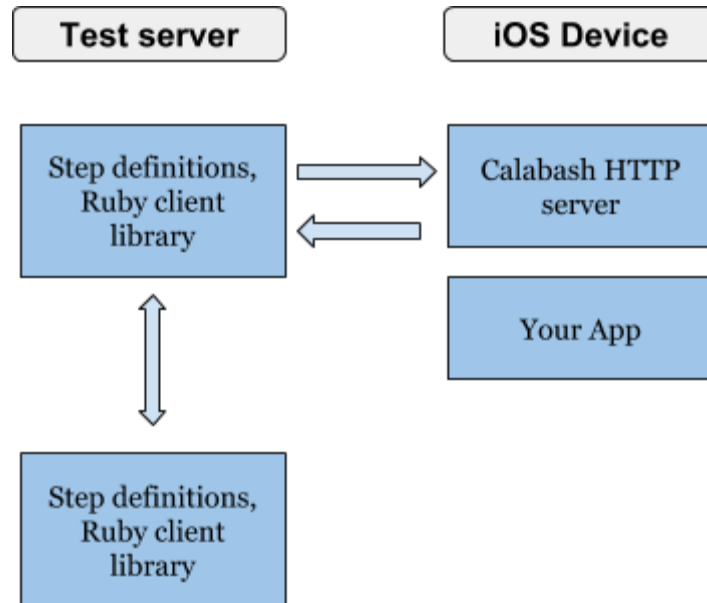


HOW TO SETUP CALABASH-IOS CUCUMBER TESTING



A. How to setup and Get Started with Calabash

Install ruby

Calabash requires Ruby to be installed on your machine. First, check whether you have Ruby installed on your machine: **\$ ruby -v**

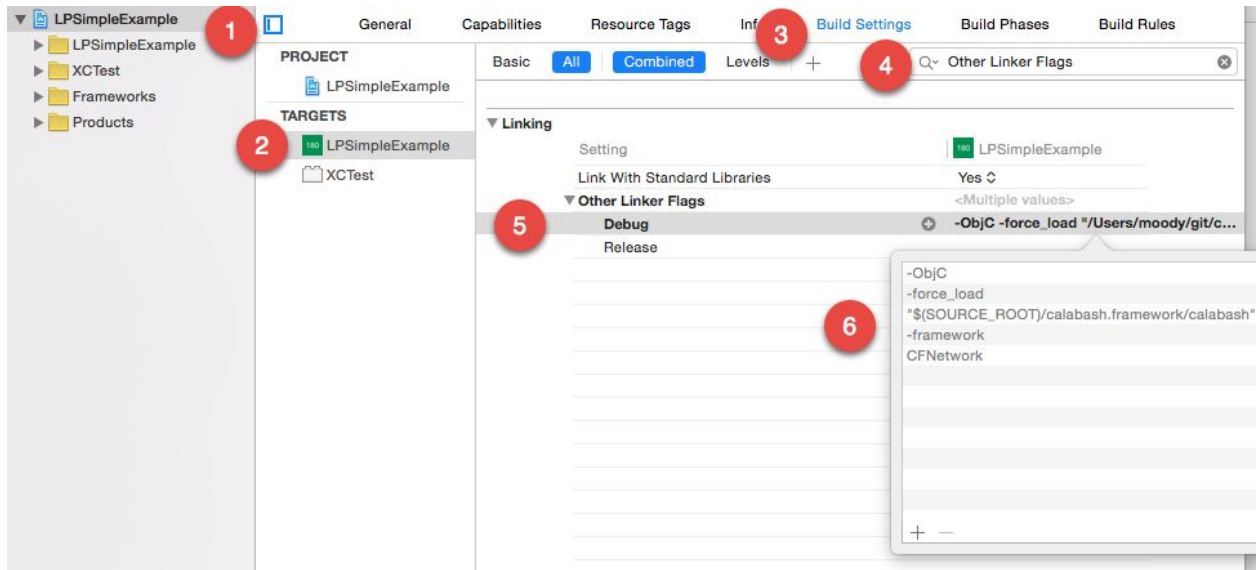
If not, please refer url to install Ruby : <https://rubygems.org/pages/download>

- **Install Calabash-Cucumber on MacOS:**
Use Command line: **\$ gem install calabash-cucumber**
- **Basic setup Calabash:**

```
$ cd ..  
$ mkdir calabash-test-ios  
$ cd calabash-test-ios  
$ calabash-ios gen
```
- **Sample Feature**
Feature: Sample Feature
Scenario: Sample Scenario
Given the app has launched
And I have done a specific thing
When I do something
Then something should happen

B. Set Up Xcode Project

- Download calabash-ios framework: `bundle exec calabash-ios download`



Add link flag in step 6 : **`-ObjC -force_load "$(SOURCE_ROOT)/calabash.framework/calabash"`**
`-framework CFNetwork`

Try to build and run on an iOS Simulator from Xcode In the Console you should see output like this:

```
DEBUG CalabashServer:222 | Creating the server: <LPHTTPServer: 0x7fe97a507ef0>
```

```
DEBUG CalabashServer:223 | Calabash iOS server version: CALABASH VERSION: 0.16.4
```

- **Run Cucumber :**

```
# Generate a features dir
```

```
$ bundle exec calabash-ios gen
```

```
# Tell Calabash where your app is (see Where is are the .app and ipa? below)
```

```
$ export APP=Products/app/SampleCalabash.app
```

```
# Try running cucumber
```

```
$ bundle exec cucumber
```

- **Open a console (Use console to run test step)**

The console is a ruby irb

\$ *bundle exec calabash-ios console*

Launch the app with Calabash.

> *start_test_server_in_background*

Type some text

> *query("** marked:'Name'")*

> *touch("** marked:'Name'")*

> *keyboard_enter_text("Hello!")*