**UCROO**

**Codeception-PHPUnit Testing Framework Configuration**

**Technical Document**

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**Steps to setup / configure testing framework Codeception along with PHPUnit:**

1. **Steps to install PHPUnit:**

* <https://phpunit.de/getting-started.html>

2. **Download codeception (Get codeception phar file in project root):**

* wget <http://codeception.com/codecept.phar>

3. **Install codeception (Initialize basic folder structure):**

* php codecept.phar bootstrap

4. **To generate api structure:**

* php codecept.phar generate:suite api

5. **Build final codeception**

* php codecept.phar build

6. **Demo test cases file creation:**

* **Create unit test demo:** php codecept.phar generate:phpunit unit demo
* **Create api test demo:** php codecept.phar generate:cept api demo
* **Create acceptance test demo:** php codecept.phar generate:cept acceptance demo
* **Create functional test demo:** php codecept.phar generate:cept functional demo

7. **Run codeception all test cases Unit, Api, Acceptance, Functional**

* **Run all test cases:** php codecept.phar run
* **Run specific test suite:** php codecept.phar run {suite-name} {file-name}.php:{function-name}

e.g: php codecept.phar run unit

php codecept.phar run unit model\_ci/ModelTest.php

php codecept.phar run unit model\_ci/ModelTest.php:testMe

8. For codeception api testing will need to set api path in following file:

* api.suite.yml

**Reference url:**

* http://codeception.com/quickstart
* https://phpunit.de/getting-started.html
* https://github.com/fmalk/codeigniter-phpunit