# Laravel and API testing

https://www.youtube.com/watch?v=H7xCpJw-z8s&list=PLe30vg\_FG4OQjsSiCbJhje5jAua12JjTc&index=2

1. Installation

composer create-project laravel/laravel:^8.0 laravel-test-driven-api

2. After installation

Check for “phpunit.xml” file in project root folder

<!-- <server name="DB\_CONNECTION" value="sqlite"/> -->

<!-- <server name="DB\_DATABASE" value=":memory:"/> -->

Uncomment above variable

3. You will see “tests” folder in project root folder

“tests” folder have “Unit” and “Feature” folder

and test files will be there.

4. Run unit test case

> vendor/bin/phpunit

OR

> php artisan test

5.Create custome test file

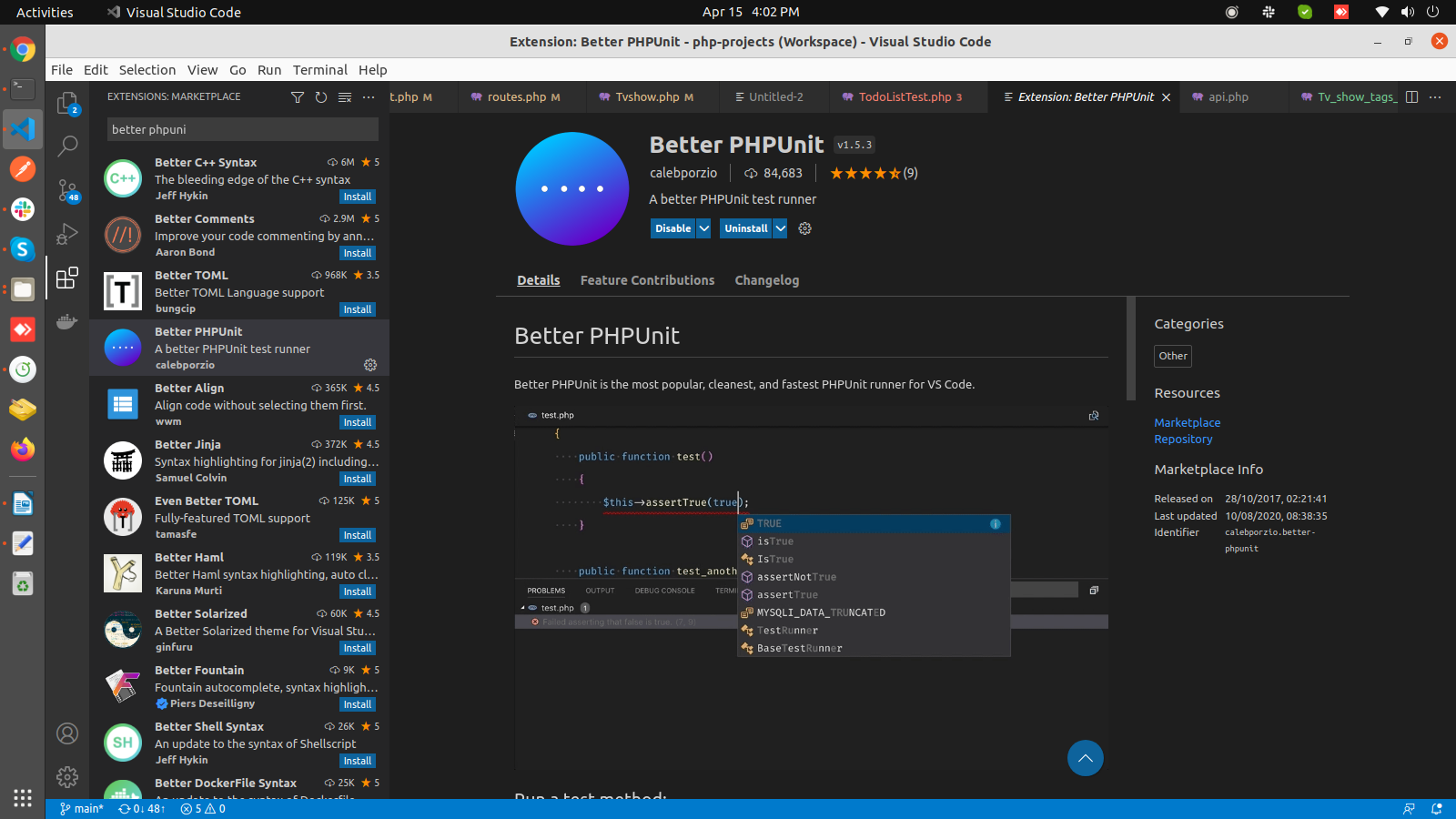
> php artisan make:test TodoListTest

Will create test file at this location “tests/Feature” in rootfolder

> php artisan make:test TodoListTest --unit

Will create test file at this location “tests/Unit” in rootfolder

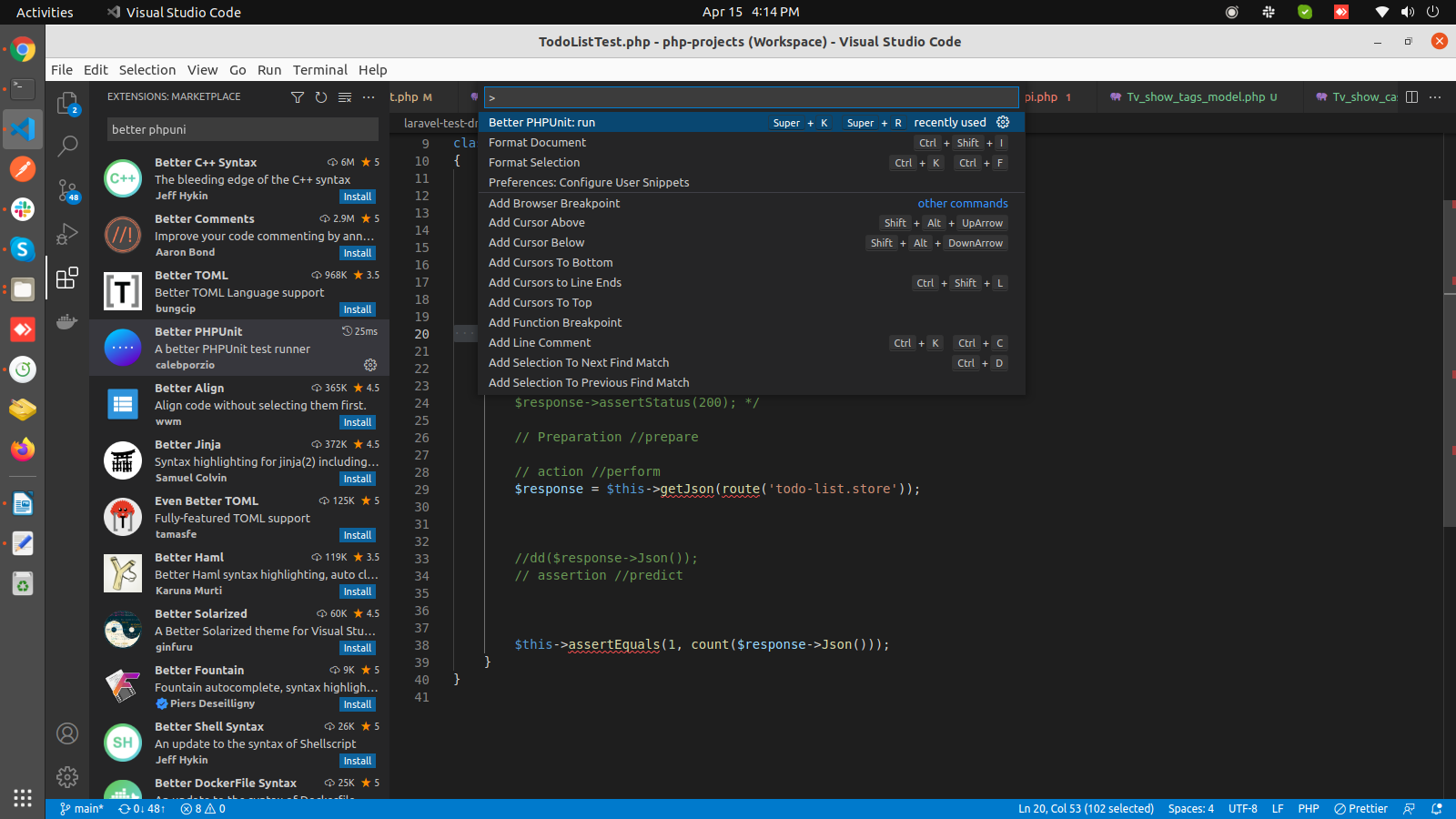
6. Install Extension



Run test from VS code

>CTRL+SHIFT+P

>Better PHPunit



6. Install sqllite driver

> sudo apt-get install php-sqlite3

7. Create factory for todolist

> php artisan make:factory TodoListFactory -m TodoList

8. Create unit test file

> php artisan make:test TodoListTest –unit

9. Google Drive Create Credentials

https://www.youtube.com/watch?v=1duraByFStY&list=PLe30vg\_FG4OQjsSiCbJhje5jAua12JjTc&index=29

https://developers.google.com/drive

https://console.cloud.google.com/apis/credentials?project=luminous-slice-351407

Client ID

555981279342-3rh1ie4mg3td29448iujksqu316jbbhq.apps.googleusercontent.com

Client Secret

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

10. Install google api client

composer require google/apiclient:^2.12.1