VERSION

6.x

Console Tests

Introduction
Expecting Input / Output

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In addition to simplifying HTTP testing, Laravel provides a simple API for testing console applications that ask for user input.

Expecting Input / Output

Laravel allows you to easily "mock" user input for your console commands using the `expectsQuestion` method. In addition, you may specify the exit code and text that you expect to be output by the console command using the `assertExitCode` and `expectsOutput` methods. For example, consider the following console command:

```php
Artisan::command('question', function () {
    $name = $this->ask('What is your name?');

    $language = $this->choice('Which language do you program in?', [
        'PHP',
        'Ruby',
        'Python',
    ]);

    $this->line('Your name is '.$name.' and you program in '.$language.'.');
});
```

You may test this command with the following test which utilizes the `expectsQuestion`, `expectsOutput`, and `assertExitCode` methods:

```php
/**
 * Test a console command.
 *
 * @return void
 */
public function testConsoleCommand()
{
    $this->artisan('question')
        ->expectsQuestion('What is your name?', 'Taylor Otwell')
        ->expectsQuestion('Which language do you program in?', 'PHP')
        ->expectsOutput('Your name is Taylor Otwell and you program in PHP.')
        ->assertExitCode(0);
}
```

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Laravel is a web application framework with expressive, elegant syntax. We believe development must be an enjoyable and creative experience to be truly fulfilling. Laravel attempts to take the pain out of development by easing common tasks used in most web projects.