

Testing Pipes

You can test pipes without the Angular testing utilities.

If you'd like to experiment with the application that this guide describes, run it in your browser or download and run it locally.

Testing the `TitleCasePipe`

A pipe class has one method, `transform`, that manipulates the input value into a transformed output value. The `transform` implementation rarely interacts with the DOM. Most pipes have no dependence on Angular other than the `@Pipe` metadata and an interface.

Consider a `TitleCasePipe` that capitalizes the first letter of each word. Here's an implementation with a regular expression.

Anything that uses a regular expression is worth testing thoroughly. Use simple Jasmine to explore the expected cases and the edge cases.

```
{@a write-tests}
```

Writing DOM tests to support a pipe test

These are tests of the pipe *in isolation*. They can't tell if the `TitleCasePipe` is working properly as applied in the application components.

Consider adding component tests such as this one: