017 TypeScript - setup bower

TypeScript Kata List – Blog Page

[TypeScript Kata List on GitHub](https://github.com/robertdunaway/katas-typescript)

# Duration

5 minutes

# Brief

Setting up Bower to provide 3rd party libraries and configuring Gulp to move the required files to wwwroot.

### For More Information

BING/GOOGLE: “TypeScript Visual Studio Bower”

# Instructions

Get tutorial folder or the entire katas-typescript repo.

Open the [before/\*.sln] file and execute the kata.

Feel free to execute this kata multiple times because repetition creates motor memory.

# Github

* Before (start kata with this)
  + https://github.com/robertdunaway/katas-typescript/tree/master/017%20TypeScript%20-%20setup%20bower/before
* After
  + https://github.com/robertdunaway/katas-typescript/tree/master/017%20TypeScript%20-%20setup%20bower/after

# Kata

Bring up a command line in the root of the project and run the following commands.

Globally install Bower

npm install bower -g

Create the initial Bower file

bower init

Install two bower packages to match the two TSD files installed earlier.

bower install jquery --save

bower install angular --save

At this point bower is installed and a new bower\_components directory is create. The bower\_components folder should not be checked in with your source code. Be sure to exclude it where ever you can in the \*.json files.

Create a variable and set it to one of the new enum values.

[highlight below for one possible answer]

var myColor3: number = Color2.Green;

console.log('myColor3 = ' + myColor3);