016 TypeScript setup tsd

TypeScript Kata List – Blog Page

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

# Duration

10 minutes

# Brief

Setting up TSD (TypeScript Definitions)

### For More Information

BING/GOOGLE: “TypeScript ”

# 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/016%20TypeScript%20setup%20tsd/before
* After
  + https://github.com/robertdunaway/katas-typescript/tree/master/016%20TypeScript%20setup%20tsd/after

# Kata

Install TSD, a kind of package manager for TypeScript Definitions.

npm install tsd -g

Now TSD is installed and you can run commands with it.

$ tsd

$ tsd -h

$ tsd --help

$ tsd –version

Create TSD files

npm init

NOTE: This creates the tsd.json and typings/tsd.d.ts files.

Get TSD definitions for Angularjs and its dependencies.

tsd install angular --resolve --overwrite --save

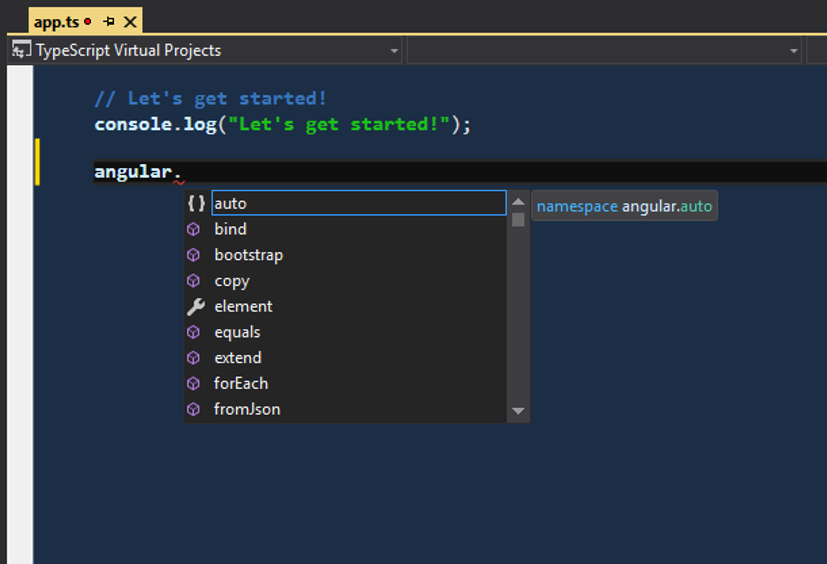
To reinstall TSD definitions

tsd reinstall --save –overwrite

To update with the latest definitions

tsd update --save –overwrite

Open any \*.ts file and type “angular” and intellisense is activated.



# Next

Take a few minutes and imagine more examples.