

# Working with JavaScript

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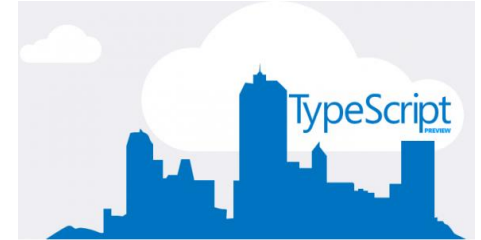
@DerikWhittaker



**pluralsight**   
hardcore developer training

# Module Agenda

## Compiling Typescript



## Working with JavaScript

Validating JavaScript w/ JSHint

Compressing JavaScript w/ Uglify

Cleaning folders & files w/ Contrib-Clean





New Reminder



All



Today



Tommorrow



This Week



Next Week



This Month



Next Month

All (10)

Overdue (10)

Scheduled (0)

**Brendan Training Pool**

Field 1a

Date: Aug 20th 2013 @ 06:30 PMFrequency: Every Week**Brendan Training Pool**

Field 1a

Date: Aug 27th 2013 @ 06:30 PMFrequency: Every Week**Brendan Training Pool**

Field 1a

Date: Sep 3rd 2013 @ 06:30 PMFrequency: Every Week**Brendan Training Pool**

Field 1a

Date: Sep 10th 2013 @ 06:30 PMFrequency: Every Week**Brendan Training Pool**

Field 1a

Date: Sep 17th 2013 @ 06:30 PMFrequency: Every Week**Brendan Training Pool**

Field 1a

Date: Sep 24th 2013 @ 06:30 PMFrequency: Every Week

1

2

&gt;

&gt;&gt;

# Compiling TypeScript



Package Name:

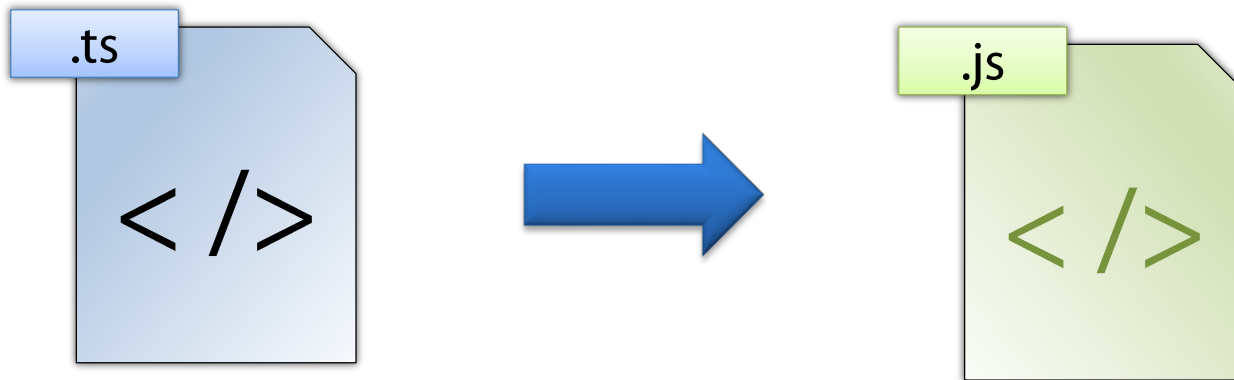
```
Npm install grunt-typescript --save-dev
```

\*\* There are multiple TypeScript Compilers I just choose one that *JUST WORKED* \*\*

# Compiling TypeScript



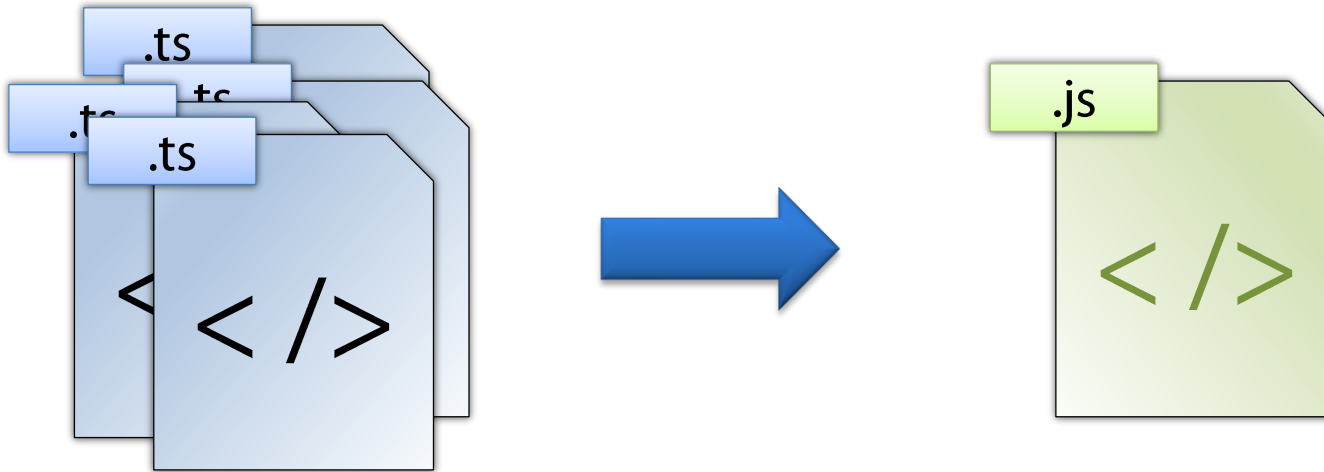
Compile a single .ts file to a single .js file



# Compiling TypeScript



Compile multiple .ts files to a single .js file





# Working with JavaScript



Validating JavaScript w/ JSHint

Compressing JavaScript w/ Uglify

Cleaning folders & files w/ Contrib-Clean



# Using JSHint



Package Name:

```
npm install grunt-contrib-jshint --save-dev
```

## JSHint Usage Options

- How to ignore specific warnings

- How to log rendered output

- How to specify various configuration options





# Using Uglify



Package Name:

```
npm install grunt-contrib-uglify --save-dev
```

## UGlify Usage Options

How to turn on/off mangling

How to turn on/off compression

How to turn on/off beautification



## Using Clean



Package Name:

```
npm install grunt-contrib-clean --save-dev
```

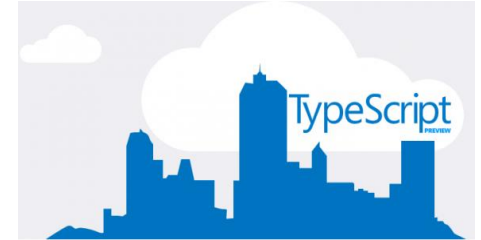
### Clean Usage Options

How to force removing of files

How to log rendered output

# Module Summary

Learned how to compile  
TypeScript into JavaScript



Learned to work with JavaScript

Validated JavaScript w/ JSHint

Compressed JavaScript w/ Uglify

Cleaned folders & files w/ Contrib-Clean

