[1]

Instaluję NodeJS ze strony <https://nodejs.org/en/>

Wybrałem wersję 9.0.0 Current.

[2]

W konsoli np. w Cygwin. Sprawdzam, czy jest dostępny program NPM.

mami@NB-MMIOTK ~

$ which npm

/cygdrive/d/development/tools/frontend/nodejs/npm

mami@NB-MMIOTK ~

$ npm version

{ npm: '5.5.1',

ares: '1.13.0',

cldr: '31.0.1',

http\_parser: '2.7.0',

icu: '59.1',

modules: '59',

nghttp2: '1.25.0',

node: '9.0.0',

openssl: '1.0.2l',

tz: '2017b',

unicode: '9.0',

uv: '1.15.0',

v8: '6.2.414.32-node.8',

zlib: '1.2.11' }

[3]

Przechodzę do instalacji TypeScript. Na stronie <https://www.typescriptlang.org/#download-links> jest podane, że instaluję go z użyciem NPM.

**npm install -g typescript**

[4]

mami@NB-MMIOTK ~

$ npm install -g typescript

C:\Users\mmiotk\AppData\Roaming\npm\tsc -> C:\Users\mmiotk\AppData\Roaming\npm\node\_modules\typescript\bin\tsc

C:\Users\mmiotk\AppData\Roaming\npm\tsserver -> C:\Users\mmiotk\AppData\Roaming\npm\node\_modules\typescript\bin\tsserver

+ typescript@2.6.1

updated 1 package in 19.055s

Zainstalowana wersja TypeScript to

mami@NB-MMIOTK ~

$ tsc

Version 2.6.1

[5]

Instaluję najnowszą wersję jQuery

mami@NB-MMIOTK /cygdrive/d/development/git\_public/yt-frontend-example

$ npm install jquery

npm WARN saveError ENOENT: no such file or directory, open 'D:\development\git\_public\yt-frontend-example\package.json'

npm notice created a lockfile as package-lock.json. You should commit this file.

npm WARN enoent ENOENT: no such file or directory, open 'D:\development\git\_public\yt-frontend-example\package.json'

npm WARN yt-frontend-example No description

npm WARN yt-frontend-example No repository field.

npm WARN yt-frontend-example No README data

npm WARN yt-frontend-example No license field.

+ jquery@3.2.1

added 1 package in 7.165s

[6]

Ściągam typowania dla jQuery (żeby mi ładnie podpowiadało w IntelliJ)

mami@NB-MMIOTK /cygdrive/d/development/git\_public/yt-frontend-example

$ typings version

Usage: typings <command>

Commands:

bundle, i, in, info, init, install, la, list, ll, ls, open, prune, r,

remove, rm, search, un, uninstall, view

typings <command> -h Get help for <command>

typings <command> -V Enable verbose logging

typings --version Print the CLI version

typings@1.4.0 C:\Users\mmiotk\AppData\Roaming\npm\node\_modules\typings

[7]

Instaluję typowania dla jQuery. Możliwe są dwa poniższe sposoby

mami@NB-MMIOTK /cygdrive/d/development/git\_public/yt-frontend-example

$ typings install dt~jquery --global --save

jquery

`-- (No dependencies)

mami@NB-MMIOTK /cygdrive/d/development/git\_public/yt-frontend-example

$ npm install --save @types/jquery

npm WARN saveError ENOENT: no such file or directory, open 'D:\development\git\_public\yt-frontend-example\package.json'

npm WARN enoent ENOENT: no such file or directory, open 'D:\development\git\_public\yt-frontend-example\package.json'

npm WARN yt-frontend-example No description

npm WARN yt-frontend-example No repository field.

npm WARN yt-frontend-example No README data

npm WARN yt-frontend-example No license field.

+ @types/jquery@3.2.16

added 1 package in 3.229s

mami@NB-MMIOTK /cygdrive/d/development/git\_public/yt-frontend-example

$

Dodatkowe info na ten temat na stronie

<https://stackoverflow.com/questions/32050645/how-to-use-jquery-with-typescript>

[8]

Trzeba było

npm install @types/node --save-dev

npm install require –save

typings install require –save

typings install dt~jquery --global –save

npm install --save-dev typescript awesome-typescript-loader source-map-loader

<https://www.typescriptlang.org/docs/handbook/react-&-webpack.html>