# Angular 2.0 Tutorial

NAPOMENA: ovaj tutorijal podrazumeva da imate instaliran npm(node package manager), za detalje o instalaciji npm-a pogledati Node.js tutorial

**1.** Kreirati koreni fodler aplikacije sa:

mkdir angular2-demo

cd angular2-demo

**2.** Kreirati tsconfig.json file u korenom folderu sa sledećim sadržajem:

{

"compilerOptions": {

"target": "es5",

"module": "system",

"moduleResolution": "node",

"sourceMap": true,

"emitDecoratorMetadata": true,

"experimentalDecorators": true,

"removeComments": false,

"noImplicitAny": false

},

"exclude": [

"node\_modules",

"typings/main",

"typings/main.d.ts"

]

}

**3.** Kreirati **typings.json** file u korenom folderu sa sledećim sadržajem:

**typings.json**

{

"globalDependencies": {

"core-js": "registry:dt/core-js#0.0.0+20160602141332",

"jasmine": "registry:dt/jasmine#2.2.0+20160621224255",

"node": "registry:dt/node#6.0.0+20160621231320"

}

}

**4.** Kreirati package.json file u korenom folderu sa sledećim sadržajem:

{

"name": "angular2-demo",

"version": "1.0.0",

"scripts": {

"start": "concurrent \"npm run tsc:w\" \"npm run lite\" ",

"tsc": "tsc",

"tsc:w": "tsc -w",

"lite": "lite-server",

"typings": "typings",

"postinstall": "typings install"

},

"license": "ISC",

"dependencies": {

"angular2": "2.0.0-beta.7",

"systemjs": "0.19.22",

"es6-promise": "^3.0.2",

"es6-shim": "^0.33.3",

"reflect-metadata": "0.1.2",

"rxjs": "5.0.0-beta.2",

"zone.js": "0.5.15"

},

"devDependencies": {

"concurrently": "^2.0.0",

"lite-server": "^2.1.0",

"typescript": "^1.7.5",

"typings":"^0.6.8"

}

}

**5.** Za instalaciju potrebnih paketa izvršiti sledeću komandu:

npm install

# HelloWorld primer

**1.** Kreirati pod folder *app/* u angular2-demo folderu.

**2.** Kreirati **environment\_app.component.ts** u *app/*  folderu sa sledećim sadržajem:

import {Component, View} from "angular2/core";

@Component({

selector: 'my-app'

})

@View({

template: '<h2>Hello World</h2>'

})

export class AppComponent {}

**3.** Kreirati **environment\_main.ts**  u *app/*  folderu sa sledećim sadržajem:

import {bootstrap} from "angular2/platform/browser"

import {AppComponent} from "./environment\_app.component"

bootstrap(AppComponent);

**4.** Kreirati **index.html**  u *angular2-demo/*  folderu sa sledećim sadržajem:

<!DOCTYPE html>

<html>

<head>

<title>Hello World</title>

<script src="https://cdnjs.cloudflare.com/ajax/libs/es6-shim/0.33.3/es6-shim.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/systemjs/0.19.20/system-polyfills.js"></script>

<script src="https://code.angularjs.org/2.0.0-beta.6/angular2-polyfills.js"></script>

<script src="https://code.angularjs.org/tools/system.js"></script>

<script src="https://code.angularjs.org/tools/typescript.js"></script>

<script src="https://code.angularjs.org/2.0.0-beta.6/Rx.js"></script>

<script src="https://code.angularjs.org/2.0.0-beta.6/angular2.dev.js"></script>

<script>

System.config({

transpiler: 'typescript',

typescriptOptions: { emitDecoratorMetadata: true },

packages: {'app': {defaultExtension: 'ts'}},

map: { 'app': './app' }

});

System.import('app/environment\_main')

.then(null, console.error.bind(console));

</script>

</head>

<body>

<my-app>Loading...</my-app>

</body>

</html>

**5.** Pokrenuti aplikaciju sledećom komandom:

npm start