AngularCLI

POWERFUL TOOL FOR CREATING ANGULAR APPLICATION

MATEUSZ PACHOLEC - MPACHOLEC@OBJECTIVITY.CO.UK

https://github.com/mati4455/AngularCLI-Workshops

Agenda

- Node.js + NPM
- Angular5
- AngularCLI
- Examples
- Useful links

Node.js

- Open Source
- Cross Platform
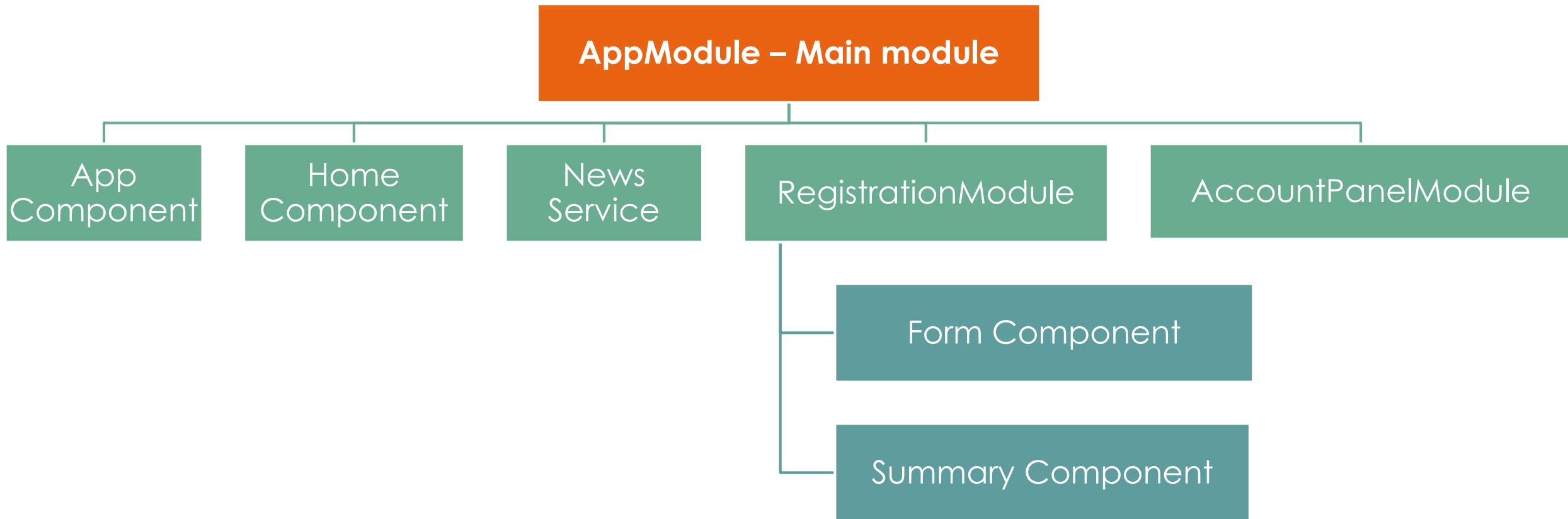- JavaScript runtime environment
- Use Google V8 engine
- NPM

Angular5

- Full Process of Development
- Cross Platform
- Speed and Performance
- Productivity

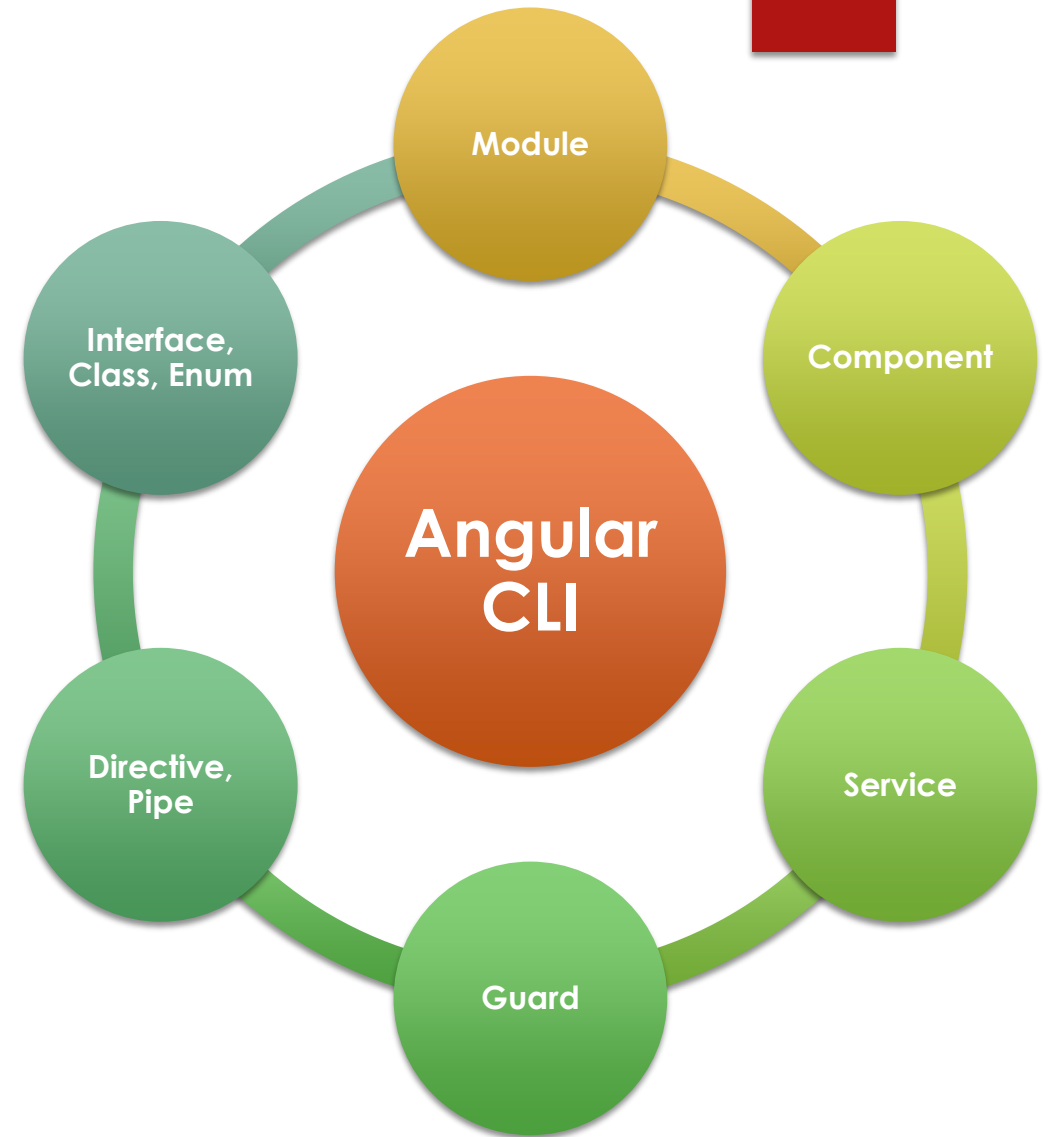# Angular5 - Architecture

AngularCLI (1.7.4) – what is it?

▶ Command Line Interface for Angular

▶ Global name of AngularCLI command is „ng"

▶ Webpack

▶ Convention over configuration

▶ Instalation:
npm install –g @angular/cli@1.7.4

AngularCLI – what it can?

▶ Provide standardized project structure

▶ Creating new project [*ng new*]

▶ Creating application elements [*ng generate element name*]

▶ Serving application in air [*ng serve*]

▶ Build application [*ng build*]

AngularCLI: Overview of generate function

ng generate

Module

Component

Service

Guard

Directive, Pipe

Interface, Class, Enum

Angular CLI

Live workshops

Link to repository:

https://github.com/mati4455/AngularCLI-Workshops

Summary

Useful links

▶ AngularCLI doc - https://github.com/angular/angular-cli

▶ Angular5 doc - https://angular.io

▶ Alligator - https://alligator.io/angular

▶ Angular CLI Reference Guide - https://www.sitepoint.com/ultimate-angular-cli-reference

▶ Angular Files for VS Code - https://marketplace.visualstudio.com/items?itemName=alexiv.vscode-angular2-files

▶ Node.js - https://nodejs.org/en/

Thank you for your attention

MATEUSZ PACHOLEC - MPACHOLEC@OBJECTIVITY.CO.UK

https://github.com/mati4455/AngularCLI-Workshops