

# Professional Angular

Coding Robust, Reactive and  
Performant Component-Based  
Applications and Libraries



<https://milan2018.codemotionworld.com/workshop/professional-angular/>

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{codemotion}

# While you are waiting...

- download the labs from
  - <https://github.com/carlobonamico/angular-professional-workshop>
  - master branch is ok

```
git clone https://github.com/carlobonamico/angular-professional-workshop
```

or plain "Download Zip" from browser

# ABSTRACT

You have adopted Angular for your projects because you experienced first-hand its productive and robust approach to HTML5 Application development, and the advantages of a Component-Oriented design based on Encapsulation and Separation of Responsibilities.

However, to fully exploit the Power of Components, you need to aggregate them in a consistent and modular set, and to take advantage of advanced concepts.

In this workshop we first share our experience in building several Component Libraries,

- from API Design concepts to advanced Component interaction patterns
- from packaging and documentation
- to refactoring & interoperability.

We then move to addressing advanced Angular topics such as Dynamic Templating, Reactive features, Change Detection and

# WHO THE WORKSHOP IS DEDICATED TO?

Angular Developers who

- master the basics of the framework
- would like to learn an effective approach to design, implement, and fine-tune complex real-world Angular Applications or Component Libraries
  - in a robust, modular and future-proof way.

# PREREQUIREMENTS

- Good knowledge of HTML5 and of the DOM.
- Practical experience in Javascript and Angular 2/4/5/6 development
  - (you should be able to write/compile/test/debug by yourself an Angular application including multiple interacting Components, Services, Routing, Data Binding, Sending Http requests).
- Working knowledge of Angular syntax, @Component, @Input, @Output, [(ngModel)] is required as these topics will NOT be explained in the workshop.

Angular CLI knowledge a plus