



AngularJS Advanced

Duration 3 day(s) (ANGULARJS-AVANCE-01)

To go further with AngularJS

Description

AngularJS is a burgeoning JavaScript framework, aimed at structuring and simplifying the development of rich client-side applications. Developed by Google under open-source license, it integrates natively all the features usually obtained by assembling specialized libraries: routing, templates, bindings, REST calls ... Its robustness, its versatility and its integrated test bench make it today a must-have element of all REST-oriented web applications!

Goals

- Discover the advanced features that AngularJS offers. - Understand services \$http, \$q - Communicate guidelines - Know and know how to use the essential bookstores with AngularJS.

Public

- Web developer

Prerequisites

- Mastery of javascript - Knowledge of AngularJS: Mastery of controller, directive, service / factory, Mastery of forms and their validation, REST architecture, Animations CSS3

Structure

50% Theory, 50% Practice

Program

Reminders

Tooling & Build Tools

- Node.js & NPM
- Yeoman
- Gulp
- Bower & Wiredep
- ngAnnotate
- Karma
- BrowserSync
- Sass

- Router and the resolve property
- Provider
- Decorator
- \$cacheFactory
- \$http Interceptors
- \$http timeout
- Lazy loading
- SEO

Further with AngularJS

- Initiation to EcmaScript 6

The must-have bookstores

- UI-Router
- Angular-translate
- Angular-Bootstrap
- Angular Material
- Restangular

Animations & Accessibility

- Animations
- Accessibility

The instructions

- API Design Directive
- trackBy with the ngRepeat directive
- Communication between directives
- Transclusion
- Component design
- API Design Directive

Forms management

- ngModelOptions
- Collaboration with ngModelController
- Forms validation (\$asyncValidator)
- \$formatters and \$parsers

Advanced techniques

- Promises