Angular 9

WHAT IS ANGULAR?

- Angular is **TypeScript-based open-source** front-end web application platform led by the Angular Google Team at Google and by a Community of individuals and Corporations.

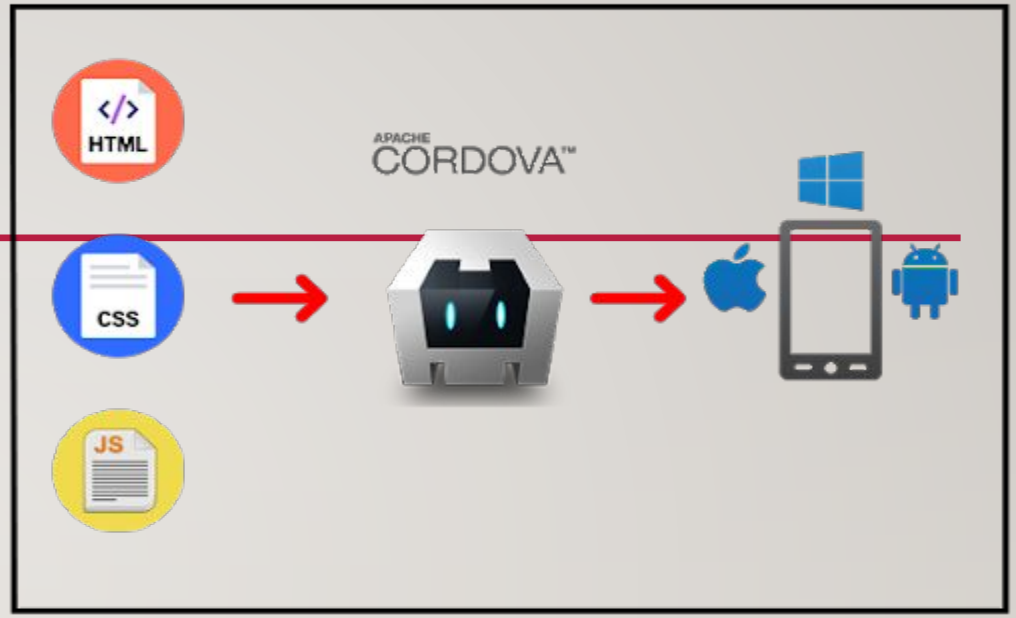
- Angular is a complete rewrite from the same team that built Angular JS.

KEY FEATURES OF ANGULAR

- Cross Platform
- Speed And Performance
- Productivity
- End to End Experience
- Dynamic Loading
- Modular & Asynchronous Template Compilations
- Iterative Call Backs Provided by RxJS.
- Support for Angular Universal.

CROSS PLATFORM

- Progressive Web Applications
  - High performance
  - Offline
  - Zero-Step Installation
- Native Applications
- Desktop Installed Applications



SPEED AND PERFORMANCE

- Code Generation
- Universal
- Code Splitting

PRODUCTIVITY

- Templates
- Angular CLI
- IDEs

END TO END DEVELOPMENT

- Testing
- Animation
- Accessibility

ANGULAR 2
23 OCTOBER 2014

- Rewrite of Angular JS
- Component Based
- Modular
- Async
- Complete Platform for Developer
- Faster

ANGULAR 4
[13 DECEMBER 2016]

- Introducing **HttpClient**, a smaller, easier to use, and more powerful library for making HTTP Requests.
- New **router life cycle** events for Guards and Resolvers.
- Four new events: **GuardsCheckStart**, **GuardsCheckEnd**, **ResolveStart**, **ResolveEnd**
- Conditionally **disable** animations.

ANGULAR 5
[NOVEMBER 1, 2017]

- Support for progressive web apps,
- A build optimizer and improvements related to Material Design

ANGULAR 6
MAY 4, 2018

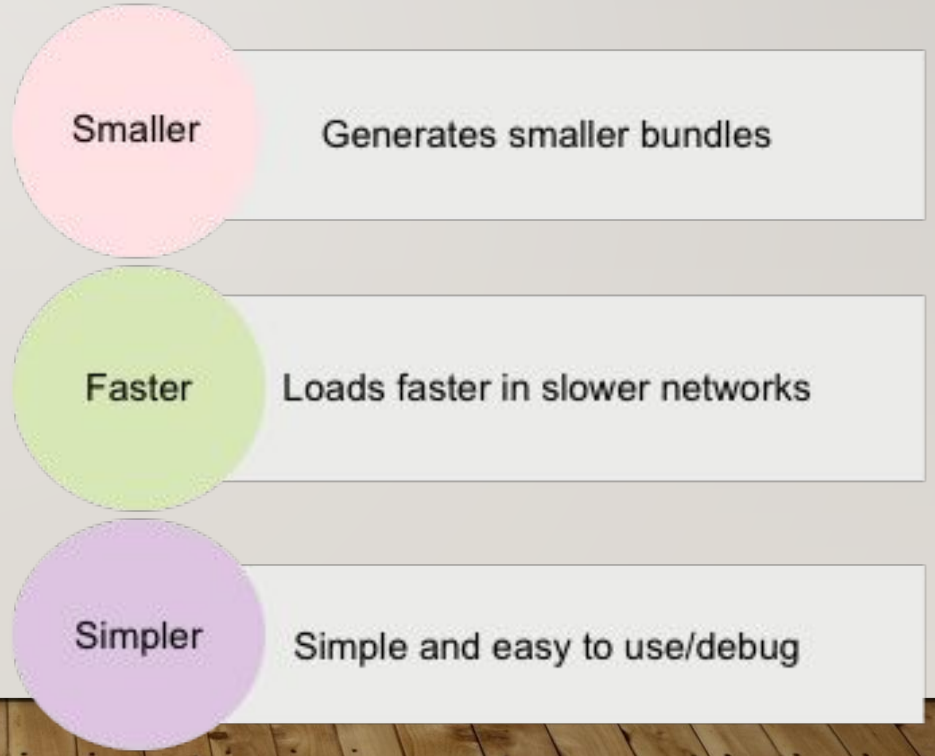
- ng update,
- ng add,
- Angular Elements,
- Angular Material + CDK Components,
- Angular Material Starter Components,
- CLI Workspaces,
- Library Support,
- Tree Shakable Providers, [DI]
- Animations Performance Improvements, and RxJS v6

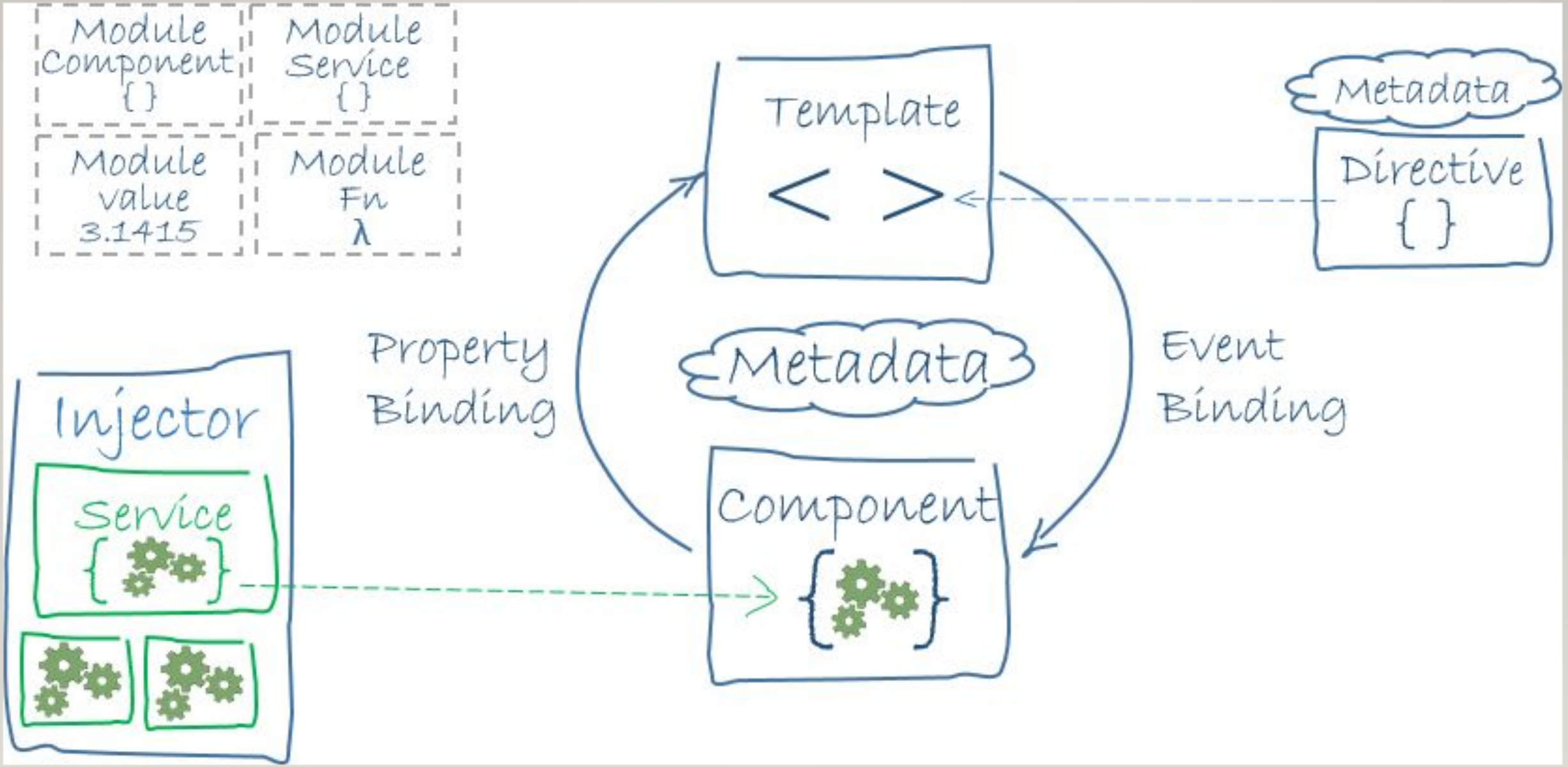
ANGULAR 7
OCTOBER 18, 2018

- Application Performance,
- Angular Material & CDK,
- Virtual Scrolling,
- Improved Accessibility of Selects,
- Supports Content Projection using web standard for custom elements
- Dependency updates regarding Typescript 3.1, RxJS 6.3, Node 10

ANGULAR 8
MAY 28, 2019

- Featuring Differential loading for all application code
- Dynamic imports for lazy routes
- Web workers
- TypeScript 3.4 support
- Angular Ivy as an opt-in preview.
- Generated code that is easier to read and debug at runtime
- Faster re-build time
- Improved payload size
- Improved template type checking
- Backwards compatibility

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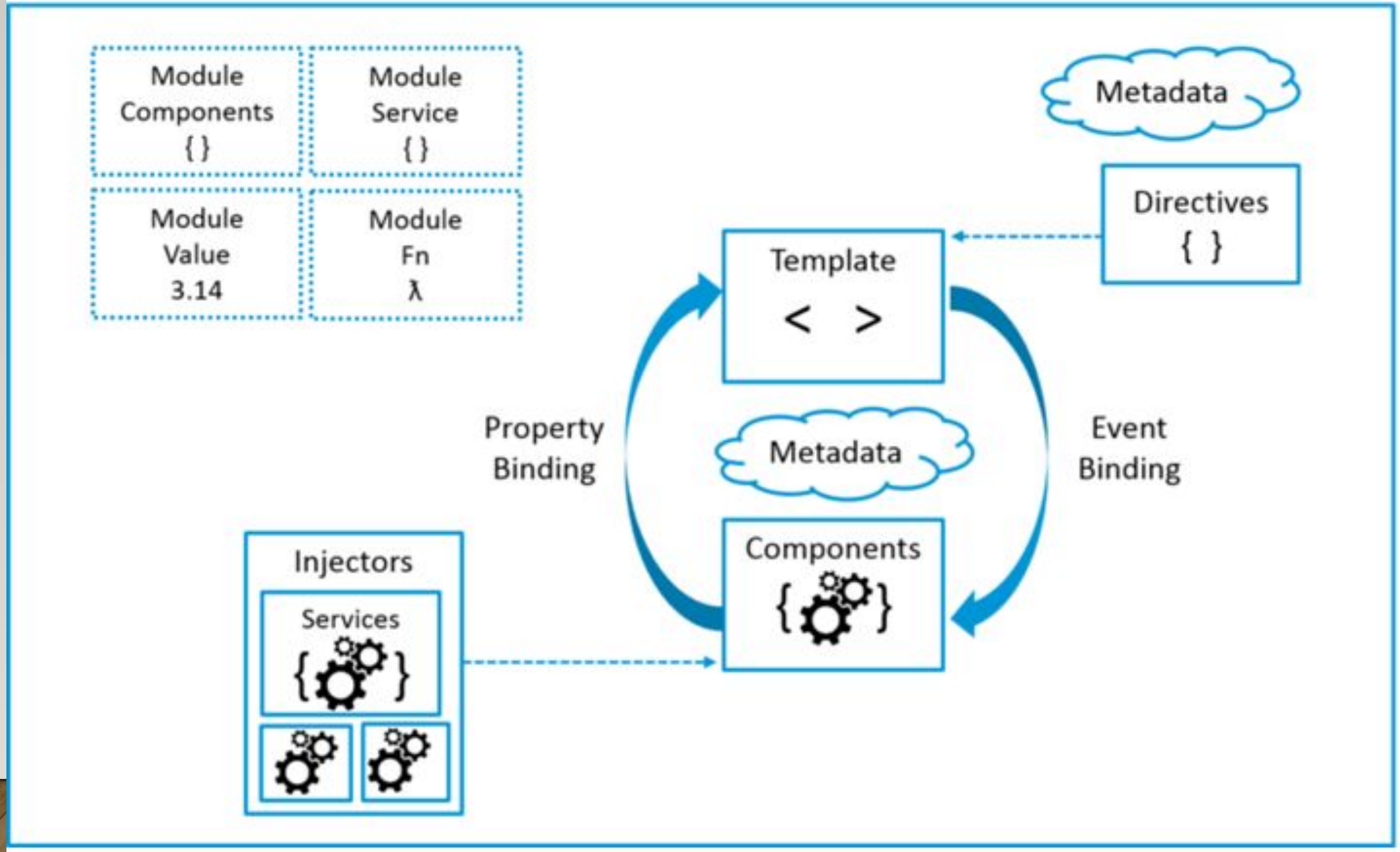
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