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# Angular: Introduction

## About Angular

* Highly performant frameworks
* High level view of Angular
* Angular.js & Angular is different
* Angular.js v 1.x, which quickly becomes a popular
* Angular is CLI launched & version starts from 2.x, as Angular team realized that its needed to replace with modern framework, which called Angular 2.0

## Angular History

* Invented by Misko Hevery, who worked for Google
* Misko Hevery come with the way to create prototype faster in HTML
* Its officially supported by Google & large team of engineers are working on it
* 2015 Angular is very popular frameworks for building websites

## What’s in Angular 2.x CLI

* **Modern:** Is using modern paradigms, state management, change detection, & similar features
* **Performant:** is significantly performance compared to Angular 1.x, 2.x is far better performance wise. Angular 2.x is addressed to performance issues

## Angular Versions

* 2.0
* ~~3.0~~
* 4.0
* 5.0
* 6.0
* 7.0
* 8.0
* 9.0
* 10.0
* 11.0

## Release Cadence & Support

### Major version every 6 months

* Angular Releases every major versions every 6 Months
* They do is package up whatever feature are ready at the time that they prepare the release & put those into that version
* If the feature is not ready, it will just wait and get into the next major version after six months

### 6 months active support

* Angular produce a new version, they give us Six Months of Active Support, which is understandable because after six months they going to release new version of Angular

### months LTS support

* Once they release another version, they give another 12 months of long-term support where the version is now going to release just minor updates & bug fixes, but no longer receive any real new features
* So we have total 18 months supports for any version of Angular

## ng update

* Angular team provides the tool ng-update, which take an existing version of Angular version of Angular & update it to a newer version of Angular & its runs through the entire code

### Uses schematics

## Angular: Strength

## Angular: Weaknesses

## Angular: Benefits

## Angular: Architecture

## Tooling (Various Tools)

## Tips, Tricks & Gotchas

* For alpha & release phases

## Angular: Present and Future