ANGULAR ARCHITECTS
INSIDE KNOWLEDGE

SOFTWARE ARCHITECT

Angular 11 & 12

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Outline

- NG 9-10:
  - Main focus on Ivy
  - Typescript 3.7-3.8
    - Optional chaining
      - Using the ?. Operator like „this.member?.submember“
      - instead of „if (this.member) this.member.submember“
- NG 11: Overview
- NG 12: In detail
- One more thing ☺

Angular 11 – Overview

- Even faster compilation
- Start moving to ESLint
- Webpack 5 optional with yarn
- Typescript 4.0
- Testing
  - Harnesses for all components (singe NG9 for Material)
  - parallel function, performance improvements, new APIs, manualChangeDetection

Angular 12 – Features I

- ESLint now default in CLI
- Webpack 5 now default
  - Module Federation
  - Performance improvement
- Typescript 4.2

Angular 12 – Features II

- Nullish Coalescing
  - {{ age !== null && age !== undefined ? age : calculateAge() }}
  - {{ age ?? calculateAge() }}

- Enables strict mode per default
  - https://angular.io/guide/strict-mode
  - https://blog.angular.io/with-best-practices-from-the-start-d64881a16de8

Angular 12 – Deprecation

- Deprecation of IE11
  - NG 13 will get rid of it
- ViewEngine deprecation
  - Ng Libs use Ivy per default

Angular 13 – Outlook

- Remove IE 11 support