Introduction to EMBER JS Framework

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What is EMBER?

- An open-source MVVM framework for creating one-page web apps.

- It combines the best features Angular and React

- Perfect tool for creating complex multipage apps

- Originally the framework was developed by SproutIt now maintained by Ember Core Team

- It's used for Netflix, Apple Music, Yahoo!, LinkedIn, PlayStation Now, and Vine.

Key Features of EMBER

- Focus on ambitious web applications sets out to provide a wholesale solution to the client-side application problem.
- It also has a pluggable architecture and over 3500 add-on's to enhance and extend it
- Backward compatibility is important and can be maintained while still innovating and evolving the framework.
- Future web standards foresight has been an early adopter and pioneer of many standards around JavaScript and the web including promises, web components and ES6 syntax
- Ember follows *Convention over Configuration* (CoC), and the *Don't Repeat Yourself* (DRY) principle.

Advantages

- High performance
- Faster development due to Ember Command Line Interface.
- Its documentation is easy to understand
- It has two way data binding.
- It is well organized
- Ember Inspector – Has own debugging Tool

Disadvantages

- One of the Heaviest Framework
- Smaller community
- Vast amount of outdated tutorials on the web
- Difficult to learn
- Too big and complex for small projects
- Slow release of new versions with few changes
- Difficult to make quick changes

Wrap Up

- Developed by Yehuda Katz
- Maintained by Ember Core Team
- Variety of Sponsors like Yahoo, LinkedIn (Microsoft), ADDEPAR (Investment Management) and Bustle (Women Magazine).
- Initial Release – 8 December 2011
- Latest Stable 2.16.2 Release – 1 November 2017

Thank You