

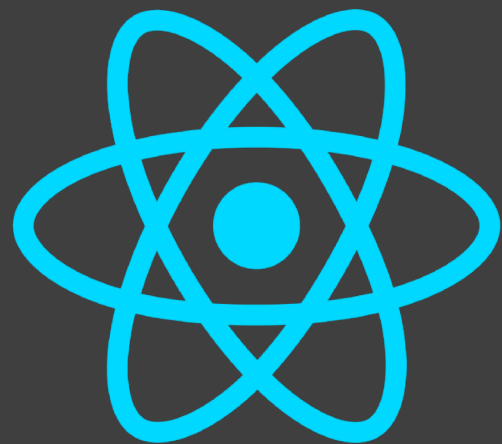
React JS

compared to other JS frameworks

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BACKBONE.JS



React



ember®

React JS: Quick Facts

- Framework for single page web applications
- Ideal for user interaction
- Build out of components
- Templating within the component files (JSX)
- Declarative: this is how you should look
- Stateful: state and properties

Development environment

REACT

Can use either a NodeJS server, or be inserted within an existing served webpage

BACKBONE

Imported into an existing webpage as any JS library

EMBER

Must be mounted onto a server
Use `ember-cli` to generate files

Pattern

REACT

Composable UI (V
in MVC)

BACKBONE

Model - View -
Presenter

EMBER

Data Down
Actions Up

Data

REACT

State and properties. Need package for more, e.g. Redux

BACKBONE

Models with automatic AJAX (set URL)

EMBER

Models, or component properties

Templating

REACT

Templates within
JavaScript (JSX)

BACKBONE

Template agnostic
(can be JST,
Handlebars, etc.)

EMBER

Integrated with
Handlebars

Routing

REACT

Additional routing
package

BACKBONE

Integrated router,
with fragment
routing

EMBER

Routing is the
basis of Ember

In Common

- Framework for single page web applications
- AJAX driven
- Focus on views and interaction
- Stateful and event bound
- Simulate routing (state)

Brief Code Example

To-do MV*

Questions?

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(that's a ^ lowercase L)