Building Apps with AngularJS and BreezePart 2

Saving State with Local Storage

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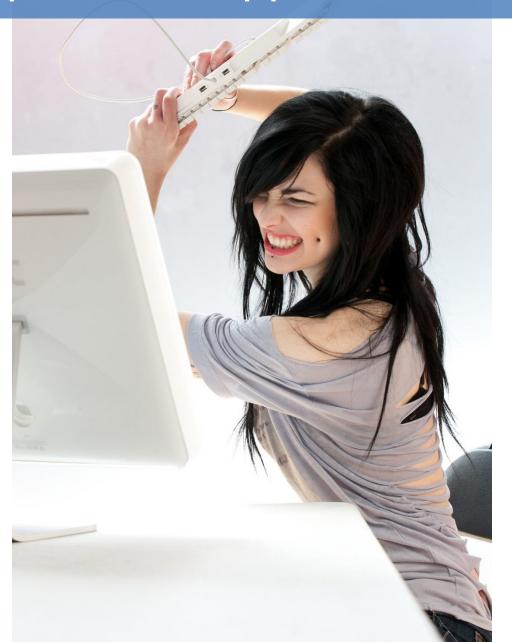




Saving State

What Happens When the Browser Closes?

What Happens if the App or Browser Crashes?



Saving State

How Do We Recover Quickly?



What We'll Cover

What Happens
When the
Browser Closes?

Exporting Entities and Their State

Serializing to Local Storage

Importing
Entities and
their State

What Can We Use to Save State?

HTML5 Local Storage

Integrate Well with Breeze

API's to Import, Export, Clear Wrap it in an Angular Service

Exporting Data

Serialize the entities and metadata

```
var exportData = entityManager.exportEntities();
```

\$window.localStorage.setItem(key, exportData);

Saves to local storage

Importing Data

Get the imported data from local storage

```
var importedData = $window.localStorage.getItem(storageKey);
```

entityManager.importEntities(importedData);

Imports the data into Breeze's cache

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HTML5 Local Storage

Breeze Import and Export Features

Reduced Round-Trips Enabled Fast Recovery from Browser Closing