Building Apps with AngularJS and BreezePart 1

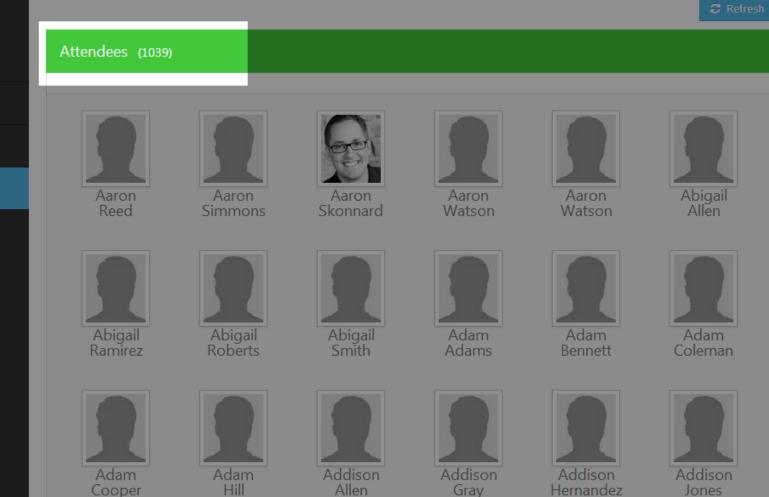
Paging, UI-Bootstrap, and Expanding the Data Service with Breeze Queries

John Papa http://johnpapa.net Twitter: @john_papa











Dashboard

M Sessions

Speakers

Attendees





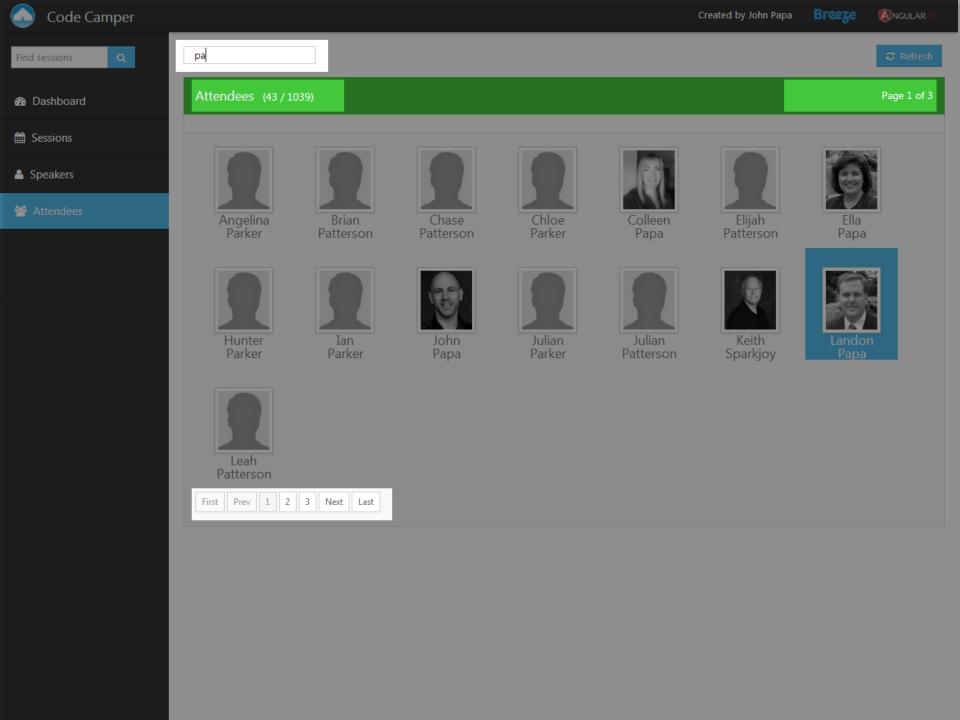












Paging Stories



UI Bootstrap for Angular

Directive

```
<pagination boundary-links="true"
    on-select-page="vm.pageChanged(page)"
    total-items="vm.attendeeFilteredCount"
    items-per-page="vm.paging.pageSize"
    page="vm.paging.currentPage"
    max-size="vm.paging.maxPagesToShow"
    class="pagination-small"
    previous-text="Prev"
    next-text="Next"
    first-text="First"
    last-text="Last"></pagination>
```

Many Options

http://angular-ui.github.io/bootstrap/

Extending the Controller's Members

ES5 getter

```
Object.defineProperty(vm.paging, 'pageCount', {
    get: function () {
       return Math.floor(vm.filterCount / vm.pageSize) + 1;
    }
});
```

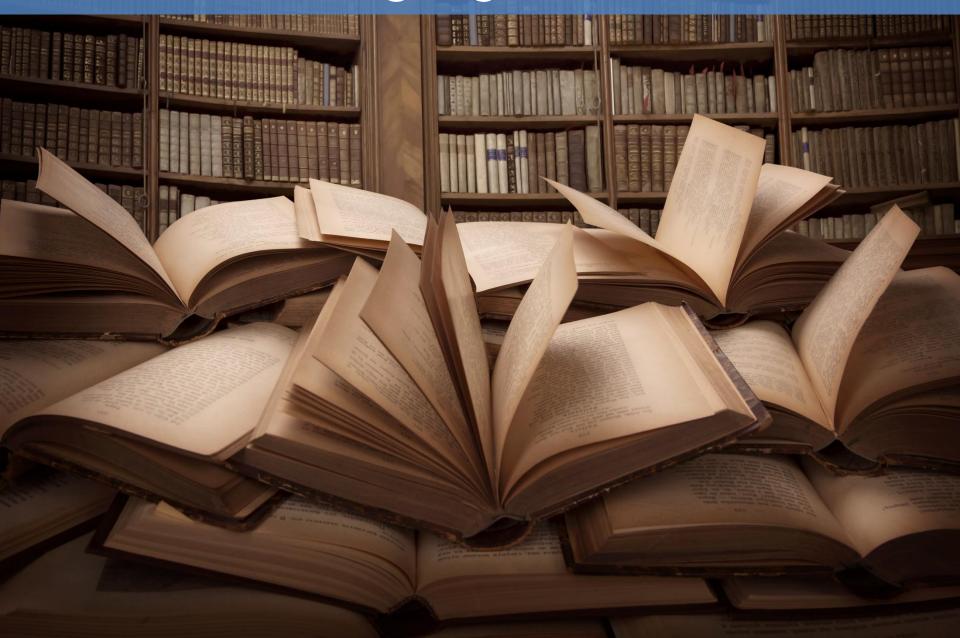
Paging and Filtering Resources

UI Bootstrap Directives

Angular Bindings and Controller

Breeze Local Cache and Queries

Turning Pages of Data



Paging Strategies



Paging with Breeze

Predicate to Filter Rows

```
var predicate = breeze.Predicate
    .create('firstName', 'contains', 'papa')
    .or('lastName', 'contains', 'papa');

var attendees = breeze.EntityQuery.from('Person')
    .where(predicate)
    .orderBy('firstName, lastName')
    .take(20).skip(0)
    .using(manager)
    .executeLocally();
Paging
```

Local Query

Refactoring Workflow

User Expectations

Property Bindings

Controller Functions

Service Implementations