

Final Steps



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Summary



Sorting and Filtering

Moving Cards to Other Lists

An Angular Login Service



Demo



Angular Filters

- Sort and filter cards



`expression | filter`

`'HELLO WORLD' | lowercase`

`data | f1 | f2 | f3`

`data | filter:"x"`

`data | orderBy:"name"`

◀ Apply given filter to an expression

◀ "hello world"

◀ Use multiple filters

◀ This filter is called `filter`

◀ Returns items containing "x"

◀ Order data by property `name`



Dynamic Filtering

```
<select ng-model="sortBy">  
  <option value="title">Title</option>  
  ...  
</select>  
  
<input type="checkbox" ng-model="reverse">  
  
<li ng-repeat="card in list.cards | orderBy:sortBy:reverse">
```



Demo



Moving cards

- ng-options generates select options



Generating a Dropdown

```
<select ng-options="list as list.name for list in data"  
        ng-model="destList">  
</select>
```



Angular Services

Share functionality across components

Service function creates an object

- Singleton
- Lazy instantiation

Use service like any other dependency



Demo



Angular Service

- Make login functionality available to all components
- Detect login status and redirect



Creating the Service

```
Angular.module('scrumboard.demo')  
    .service('Login', ['$http', '$location', Login]);
```



Implementing the Service

```
function Login($http, $location) {  
    this.login = login;  
    this.isLoggedIn = isLoggedIn;  
  
    function login(username, password) { ... }  
    function isLoggedIn(){ ... }  
}
```



Using the Service

```
angular.module('scrumboard.demo')  
  .controller('ScrumboardController',  
    ['$scope', 'Login', ScrumboardController]);
```

```
function ScrumboardController($scope, Login) {  
  Login.redirectIfNotLoggedIn();  
  $scope.logout = Login.logout;  
  ...  
}
```



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