

Building Apps with AngularJS and Breeze

Part 1

Route Resolvers

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pluralsight 
hardcore developer training

Routing Needs

**Point A
to Point
B**

**Pub/Sub
Events**

**Take
Action
Before**

Cancel

Routing Safely is Crucial



Angular Navigation Events

`$locationChangeStart`

`$routeChangeStart`

`$routeChangeSuccess`

`$routeChangeError`

Prompt to Cancel a View Change

Subscribe to the Event

```
$rootScope.$on('$locationChangeStart',  
  function (event, next, current) {  
    var answer = $window.confirm('Leave?');  
    if (!answer) {  
      event.preventDefault();  
      return;  
    }  
  }  
);
```

Cancel the View Change

Resolve a Promise Before a Route

Unknown
Entrypoint

Run Code
First

Opportunity to Reject

Resolving a Route

Resolve this
first

```
$routeProvider.when('/pass', {  
  templateUrl: 'app/wip/wip.html',  
  resolve: { fake: fakeAllow }  
});
```

Resolve

```
fakeAllow.$inject = ['$q'];  
function fakeAllow($q) {  
  var defer = $q.defer();  
  defer.resolve({ msg: 'Yippee!' });  
  return defer.promise;  
}
```

Rejecting



Rejecting a Route with a Resolver

Resolve this
first

```
$routeProvider.when('/fail', {  
  templateUrl: 'app/attendee/attendees.html',  
  resolve: { fake: fakeReject }  
});
```

Reject

```
fakeReject.$inject = ['$q'];  
function fakeReject($q) {  
  var defer = $q.defer();  
  defer.reject({ msg: 'You shall not pass!' });  
  return defer.promise;  
}
```

Route Behaviors

**Routing
Events**

**Routing
Resolvers**

**Reject /
Resolve**

Customize

Routing Should Be Reliable and Enjoyable

