

# Lab 2 - talking to the backend and promises

The idea with this lab is to get comfortable using \$http and \$q

## Task I - \$http

```
$http.get('url').then(function(){ });  
$http.post('url',data).then(function(){ });  
$http.put('url',data).then(function(){ });  
$http.delete('url').then(function(){ })
```

- Use \$http to get a local json file
- Try use caching
- If you want give shopping cart app from lab I a backend json file

## Task II - \$q

Gives us a defer object \$.defer()

A typical method

```
function a(){  
  var deferred = $q.defer();  
  setTimeout(function(){  
    deferred.resolve('some data'); },4000);  
  return deferred.promise;  
}
```

Call

```
a().then(function(result){ })
```

- Practice with \$q
- Practice resolve / reject and error handling
- Create your own methods with \$q
- Practice using \$q.all and aggregate data from two methods
- Practice hierarchical data calls