Ajax with $http Service

$http Service

```
$http({
  method: "GET",
  url: "http://someurl",
  params: { param1: "value1"}
  …
}).then(…);
```

'url' is the only required property

Resultant URL:
http://someurl?param1=value1

$http Service

```
$http({
    url: "http://someurl"
})
.then (
function success(response) {
    // do something with response.data
},
function error(response) {
    // do something with error response
});
```

data property holds
the response body

Avoid This Mistake

```
var message = "";

$http({
  url: "http://someurl"
}).then (function (response) {
  message = response.data;
});


$scope.message = message;
```

What is the value of $scope.message?

""– Empty string.

The Fix

```
$http({
  url: "http://someurl"
}).then (function (response) {
  $scope.message = response.data;
});
```

Summary

✧ $http service is based on the promise api exposed to by $q

✧ $http is itself a function:

- Takes a single config object parameter (url only required prop)
- Returns a promise to be resolved with .then function

✧ response.data property holds the server data response

- If JSON, automatically gets transformed into a JS object

✧ module.constant can be used an injectable constant