

# INTERCEPTING LIKE A BOSS

Using \$http Interceptors with  
Ionic



# Luis De Avila

Principle Architect



✉ [luis@ideanerd.com](mailto:luis@ideanerd.com)

🌐 [www.ideanerd.com](http://www.ideanerd.com)

🌐 [www.linkedin.com/in/Ideavila](https://www.linkedin.com/in/Ideavila)

# What Are Interceptors?

- Interceptors are service factories
- Service can return any one these functions:  
request, requestError, response, responseError
- Get access to config and response objects
- Must be registered with \$httpProvider

# Why Use Them?

- Common Error Handling and Logging
- Request preprocessing and response post processing

# How Do We Use Them?

```
angular
  .module('myInterceptorModule', [])
  .factory('myInterceptor', myInterceptor)
```

```
function myInterceptor($q) {
  return {
    request: request,
    requestError: requestError,
    response: response,
    responseError: responseError
  };
}
```

```
function request(config) {
  return config;
}
```

```
function requestError(rejection) {
  return $q.reject(rejection);
}
```

```
function response(response) {
  return response;
}
```

```
function responseError(rejection) {
  return $q.reject(rejection);
}
```

```
}
```

```
angular
  .module('myApp', ['myInterceptor'])
  .config(function ($httpProvider) {

    $httpProvider.interceptors.push('myInterceptor');
  });
```

# Some Ionic Use Cases

- Provide user feedback on async requests
- Common Logging and Debugging
- Performance Metrics

# References & Links

## Documentation

- [https://docs.angularjs.org/api/ng/service/\\$http](https://docs.angularjs.org/api/ng/service/$http)
- [https://docs.angularjs.org/api/ng/service/\\$q](https://docs.angularjs.org/api/ng/service/$q)

## Other Cool Examples

- <http://www.webdeveasy.com/interceptors-in-angularjs-and-useful-examples/>

## Other Sample Code

- <https://github.com/witoldsz/angular-http-auth>
- <https://github.com/chieffancypants/angular-loading-bar>

# Thanks

✉ [luis@ideanerd.com](mailto:luis@ideanerd.com)

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