

# AngularJS: Lesson 13

Scope Events, Decorators, Test Coverage

# Scope Communication

\$broadcast vs \$emit

# \$scope.\$broadcast

From Parent ---> Child

# \$scope.\$emit

From Child ----> Parent

# Event Handlers

```
$scope.$on('EventName', function() {});
```

# \$log

Allows us to log to console without using  
`console.log()`;

Useful for logging on Internet Explorer

# \$log functions

```
$log.log('message')
```

```
$log.info('message')
```

```
$log.debug('message')
```

```
$log.error('message')
```

# Decorators

Allow us to intercept the creation of a service for customization.



# Syntax

```
$provide.decorator(nameOfService, decoratorFunction);
```

# decoratorFunction

```
app.config(function($provide) {  
    $provide.decorator('$log', function($delegate) {  
  
        // Here, $delegate acts as the $log service.  
        // It will have all the variables/functions that $log has.  
  
        // Whatever our decoratorFunction returns will be what the  
        // $log service evaluates to.  
    }  
})
```