

# Cheatsheet

## Element directive - NOT inherited

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```
.controller('testCtrl', function(){
    $scope.test = 'elicit';
})
.directive('myDir', function(){
    return {
        restrict : 'E',
        template : `
            <h1>{{test}}</h1>
        `,
    };
})

<div ng-controller="testCtrl">
    <my-dir></my-dir>
</div>
```

## Element directive - inherited

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```
.controller('testCtrl', function(){
    $scope.test = 'elicit';
})
.directive('myDir', function(){
    return {
        restrict : 'E',
        scope : true,
        controller : function($scope){
            $scope.childAttr = 'child';
        },
        template : `
            <h1>{{test}} {{ childAttr }} </h1>
        `,
    };
})

<div ng-controller="testCtrl">
    <my-dir></my-dir>
</div>
```

# Element directive - isolated

```
.controller('testCtrl', function(){
    $scope.someVal = 'elicit';
    $scope.obj = {
        name : 'pelle'
    };

    $scope.log = function(){
        console.log('say hi Elicit');
    }
})
.directive('myDir', function(){
    return {
        restrict : 'E',
        scope : {
            attr : '@',
            prop : '=',
            cb : '&'
        },
        controller : function($scope){

        },
        template : `
            <h1>{{attr}} {{ prop }} </h1>
        `
    };
})

<div ng-controller="testCtrl">
    <my-dir attr='someVal'
        prop='obj'
        cb = 'log()'
    >
    </my-dir>
</div>
```

## isolated with parameter

```
angular
    .module('app')
    .directive('test', function () {
        return {
            scope: {
                cb : '&'
            },
            controller: function ($scope) {
                $scope.click = function () {
```

```
        cb({ param: 'dfdfff' });
      }
    }
  };
})

<test cb="update(param)"></test>
```