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# Using \$setValidity inside a Controller

Asked 6 years, 8 months ago Active 2 years, 3 months ago Viewed 115k times

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I am trying to do some validation on file change. Here is my code:

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View/Template



```
<input type="file" name="file" id="file"
      onchange="angular.element(this).scope().setFile(this)"
      required />

<span class="error" ng-show="myForm.file.$error.required">Error</span>
<span class="error" ng-show="myForm.file.$error.size">Selected file is too large</span>
<span class="error" ng-show="myForm.file.$error.filetype">Unsupported File type</span>
```

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Controller

```
angular.module("myapp").controller("myctrl", function($scope) {
    $scope.setFile = function(element) {
        $scope.$apply(function($scope) {
            var fileObject = element.files[0];
            $scope.file.fileType =
                fileObject.type.toUpperCase().substring(fileObject.type.indexOf("/") + 1);

            // Validation
            if (!$scope.isValidFileType($scope.file.fileType)) {
                myForm.file.$setValidity("myForm.file.$error.filetype", false);
            }

            if (fileObject.size > 1000*1000*10) {
                myForm.file.$setValidity("myForm.file.$error.size", false);
            }
        });
    };

    $scope.isValidFileType = function(fileExtension) {
        var supportedExtensions = ["doc", "docx", "ppt", "pptx", "jpg", "gif", "png"]; // etc.
        return (jQuery.inArray(fileExtension, supportedExtensions) > -1);
    }
});
```

But right now the call to `$setValidity` is not working.  
Any thoughts?

javascript angularjs angularjs-controller angularjs-forms

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edited Jul 9 '15 at 12:54



Dr1Ku  
2,176 ● 3 ● 38 ● 50

asked Jan 16 '13 at 16:58



Churk  
3,138 ● 3 ● 18 ● 34

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myForm.file.\$setValidity("myForm.file.\$error.size", false);

Should be

`$scope.myForm.file.$setValidity("size", false);`

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answered Jan 16 '13 at 19:38



Ben Lesh

98.1k • 47 • 240 • 229

Can this work the same inside of a link function? I am getting \$setValidity is not a function – Winnemucca Apr 8 '16 at 15:53

it works accurately – Visakh B Sujathan Oct 21 '16 at 4:43

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\$setValidity needs to be called on the ngModelController. Inside the controller, I think that means `$scope.myForm.file.$setValidity()`.

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See also section "Custom Validation" on the [Forms page](#), if you haven't already.

▼

Also, for the first argument to \$setValidity, use just 'filetype' and 'size'.

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answered Jan 16 '13 at 19:37



Mark Rajcok

306k • 95 • 447 • 467

1 Ha! I posted the same thing at the same time. – Ben Lesh Jan 16 '13 at 19:40

1 @blesh, that's two days in a row now. – Mark Rajcok Jan 16 '13 at 19:42

Actually, what you guys pointed out was correct, i did made a mistake in setValidity(). But that wasn't where my problem was, my problem was scoping issue. I was calling this at the <input> level while form is out of scope. I actually had to do this: `$scope.$on('$includeContentLoaded', function(e) { $scope.myForm = e.targetScope.myForm;});` – Churk Jan 22 '13 at 19:44

add a comment

▲

A better and optimised solution to display multiple validation messages for a single element would be like this.

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```
<div ng-messages="myForm.file.$error" ng-show="myForm.file.$touched">
  <span class="error" ng-message="required"> <your message> </span>
  <span class="error" ng-message="size"> <your message> </span>
  <span class="error" ng-message="filetype"> <your message> </span>
</div>
```

Controller Code should be the one suggested by @ Ben Lesh

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edited Jul 1 '17 at 7:58



Shyam Shingadiya

2,983 • 1 • 16 • 33

answered Jul 1 '17 at 7:26



Alvin Chettiar

548 • 4 • 12

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
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
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