

candreoliveira / ngMask


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Best Angular mask alternative! No jQuery, pure JS. About ~6kb! <http://candreoliveira.github.io/#/ngMask>

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	tamtakoe committed with aaronroberson mask input if model was changed remote (#63) ...	Latest commit 8046aeb on Jun 3
dist	Reload mask when change mask done and validation fixed (#73)	3 months ago
examples	Remove double quotes (#103)	3 months ago
src	mask input if model was changed remote (#63)	3 months ago
tasks	Generate dist	a year ago
test	Avoid making input dirty (#104)	3 months ago
.gitignore	Added .idea directory to git ignore for webstorm users	a year ago
.travis.yml	chore(travis): add deploy to travis	3 months ago
Gruntfile.js	Mask date, cpf, numbers and more.	2 years ago
LICENSE	Initial commit	2 years ago
README.md	Closed the ng-model attribute the html markup in the How To Use secti...	3 months ago
bower.json	New Release 3.0.16	a year ago
package.json	mask input if model was changed remote (#63)	3 months ago

README.md

# ngMask

## Best Angular JS mask alternative!

Angular mask without dependencies (NO JQUERY). Pure javascript and only ~6kb! It gives you power to create your mask with optional fields in accordance with your business.

version 3.1.1 bower package 3.1.1 build passing code climate 3.2 coverage unknown dependencies none



## TL;DR

Check live examples here.

## Install

### With Bower

- Install the dependency:

```
bower install angular-mask --save
```

- Add ngMask.min.js to your code:

```
<script src='bower_components/ngMask/dist/ngMask.min.js'></script>
```

- Include module dependency:

```
angular.module('yourApp', ['ngMask']);
```

#### Without Bower:

- Download the ngMask.min.js file from dist folder:

```
wget https://raw.githubusercontent.com/candreoliveira/ngMask/master/dist/ngMask.min.js
```

- Add ngMask.min.js to your code:

```
<script src='ngMask.min.js'></script>
```

- Include module dependency:

```
angular.module('yourApp', ['ngMask']);
```

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## How To Use

1. Add ngMask plugin after your AngularJS.

```
<script src="angular.min.js"></script>
<script src='ngMask.min.js'></script>
```

2. Add ngMask module dependency to your app.

```
angular.module('yourApp', ['ngMask']);
```

3. Use the available patterns to create your mask. Set the mask attribute.

```
<input type='text' ng-model='maskModel' mask='39/19/9999' />
```

- "/" isn't a pattern. It's considered a divisor. Every divisor is automatically written by ngMask. Check all available [patterns here](#).

4. Adjust your mask options.

```
<input type='text' ng-model='maskModel' ng-value='0/3/9' mask='3/9?' mask-repeat='2' mask-restrict='accept' mask-
```



- Generated mask '3/9?3/9?'. Check all available options [here](#).

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## Available Patterns

You can make your mask using some patterns available. If you use a pattern not specified below to construct your mask, It'll be considered a divisor. A divisor is a character used to group semantic elements, for example: "/" in dates to separate days, months and years, "-" in SSN to separate area, group and serial numbers or "." in IPv4 to create 4 groups of 8 bits.

## Common Patterns

- **\*** =====> `/./`
  - Any single character
- **w** =====> `/\w/`
  - Any word character (letter, number, underscore)
- **W** =====> `/\W/`
  - Any non-word character
- **d** =====> `/\d/`
  - Any digit
- **D** =====> `/\D/`
  - Any non-digit
- **s** =====> `/\s/`
  - Any whitespace character
- **S** =====> `/\S/`
  - Any non-whitespace character
- **b** =====> `/\b/`
  - Any word boundary

## Number Patterns

- **9** =====> `/[0-9]/`
  - Valid numbers: 0,1,2,3,4,5,6,7,8,9
- **8** =====> `/[0-8]/`
  - Valid numbers: 0,1,2,3,4,5,6,7,8
- **7** =====> `/[0-7]/`
  - Valid numbers: 0,1,2,3,4,5,6,7
- **6** =====> `/[0-6]/`
  - Valid numbers: 0,1,2,3,4,5,6
- **5** =====> `/[0-5]/`
  - Valid numbers: 0,1,2,3,4,5
- **4** =====> `/[0-4]/`
  - Valid numbers: 0,1,2,3,4
- **3** =====> `/[0-3]/`
  - Valid numbers: 0,1,2,3
- **2** =====> `/[0-2]/`
  - Valid numbers: 0,1,2
- **1** =====> `/[0-1]/`
  - Valid numbers: 0,1
- **0** =====> `/[0]/`
  - Valid numbers: 0

## Especial Patterns

- **?** =====> `/?/`
  - Optional character. It makes the previous pattern optional.
- **A** =====> `/[A-Z]/`
  - Any uppercase alphabet letter without accents
- **a** =====> `/[a-z]/`
  - Any lowercase alphabet letter without accents
- **Z** =====> `/[A-ZÇÀÁÂÃÄÅÆÈÉÊËÌÍÎÏÏÖÓÔÕÖÙÚÛÜ]/`
  - Any uppercase alphabet letter with accents
- **z** =====> `/[a-zçáâãäåæèéêëìíîïïöóôõöùúûü]/`
  - Any lowercase alphabet letter with accents
- **@** =====> `/[a-zA-Z]/`
  - Any alphabet letter without accents
- **#** =====> `/[a-zA-ZçáâãäåæèéêëìíîïïöóôõöùúûüÇÀÁÂÃÄÅÆÈÉÊËÌÍÎÏÏÖÓÔÕÖÙÚÛÜ]/`
  - Any alphabet letter with accents
- **%** =====> `/[0-9a-zA-ZçáâãäåæèéêëìíîïïöóôõöùúûüÇÀÁÂÃÄÅÆÈÉÊËÌÍÎÏÏÖÓÔÕÖÙÚÛÜ]/`

- Any digit and alphabet letter with accents

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## Options

- **NgModel (required):** model object
  - Attribute 'ng-model'
  - The model of input.
- **Mask (required):** mask definition
  - Attribute 'mask'
  - The mask for input.
- **NgValue:** initial mask value (default: undefined)
  - Attribute 'ng-value'
  - The initial value of input.
- **Restrict:** 'select', 'reject' or 'accept' (default: select)
  - Attribute 'mask-restrict' or 'restrict'
  - The way how ngMask will interact with user input.
    - **Select** restriction: The input will show the char inputted even on error cases. If it has errors, the wrong char will be selected.
    - **Reject** restriction: The input will show the char inputted on successful cases. If it has errors, the wrong char will be rejected.
    - **Accept** restriction: The input will always show the char inputted. No matter it's right or wrong.
- **Repeat:** number - repeat mask n times (default: undefined)
  - Attribute 'mask-repeat' or 'repeat'
  - Repeats the mask attribute the defined times.
- **Clean:** 'true' or 'false' (default: false)
  - Attribute 'mask-clean' or 'clean'
  - Cleans model value. Removes divisors from model value.
- **Validate:** 'true' or 'false' (default: true)
  - Attribute 'mask-validate' or 'validate'
  - Applies validation. Uses form controller setValidity method.
- **Limit:** 'true' or 'false' (default: true)
  - Attribute 'mask-limit' or 'limit'
  - Limits the max length inputted according with mask.

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## Examples

[How to ngMask](#)

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## License



The MIT License (MIT)

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