

# Regular Expression ( )

- description : Javascript
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## Case Study

```
var emailRegExp = /^[A-Za-z0-9_\. \- ]+@[A-Za-z0-9 \- ]+\.[A-Za-z0-9 \- ]+;/;
```

```
var phoneRegExp = /^\d{3}-\d{3,4}-\d{4}$/;
```

```
//      /      /      8~15  
var pwRegExp1 = /^(?=.*(?=^.{8,15}$)(?=.*\d)(?=.*[a-zA-Z])(?=.*[!@#%&+=])).*$/;
```

```
//      6~12  
var pwRegExp2 = /^[A-Za-z0-9]{6,12}$/;
```

```
var expText = /^[A-Za-z0-9_\. \- ]+@[A-Za-z0-9 \- ]+\.[A-Za-z0-9 \- ]+;/;  
var email = $('#email').val();  
  
if(expText.test(email) == false)  
{  
    alert("                .                .");  
    return false;  
}
```

replace

```
var str = 'apple apple apple';  
var result = str.replace('apple', 'orange');  
=> orange apple apple
```

replace 1

replace (java replaceAll)

```
var str = 'apple apple apple';  
var result = str.replace(/apple/g, 'orange');  
=> orange orange orange
```

/ /gi

(!, '^', '(', ')') ?

```
var str = 'apple.apple.apple';  
var result = str.replace(/\.\/g, ' ');  
=> apple apple apple
```

eleven, , , , regular, expression,