常用正则表达式

QQ号

> 规则：
>
> 1、全是数字
>
> 2、首尾不能为0
>
> 3、最少5位（10000）
>
> 4、目前最多11位

```
/^[1-9]\d{4,10}$/
/^[1-9]\d{4,}$/
```

昵称

> 中、英文、数字及下划线
>
> 2-18位

```
/^[\u4e00-\u9fa5aa-z0-9_]{2,18}$/
/^[\u4e00-\u9fa5\w]{2-18}$/
```

密码

> 6-16位
>
> 不能用空白字符\s
>
> 区分大小写

```
/^\S{6-16}$/

/^[\w~!@#$%^&*()_+\[\]]{6-16}$/
```

去除字符串首尾的空白符

去掉首部空白符

```javascript
var str = '   jj   ';
var pattern = /^\s+/;
console.log('|' + str.replace(pattern, '') + '|');
```

去掉尾部空白符

```javascript
var str = '   jj   ';
var pattern = /\s+$/;
console.log('|' + str.replace(pattern, '') + '|');
```

两次正则去掉前后空白符

```javascript
var str = '   jj   ';
var pattern = /^\s+|\s+$/g;
console.log('|' + str.replace(pattern, '') + '|');

var str = '   jj   ';
var pattern1 = /^\s+/;
var pattern2 = /\s+$/;
console.log('|' + str.replace(pattern1, '').replace(pattern2, '') + '|');
```

封装工具类trim

```javascript
var str = '   jj   ';
function trim(str) {
    return str.replace(/^\s+/,'').replace(/\s+$/,'');
}
console.log(trim(str))
```

转驼峰

```javascript
var str = "background-color";
var pattern = /-([a-z])/gi;
console.log(str.replace(pattern, function(all, letter) {
    console.log(all, letter);
    return letter.toUpperCase();
}));
```

```javascript
function toCamelCase(str) {
    var pattern = /-([a-z])/gi;
    return str.replace(pattern, function(all, letter) {
        console.log(all, letter);
        return letter.toUpperCase();
    });
}

console.log(toCamelCase(str));
```

匹配HTML标签

```javascript
var str = '<p class="odd" id="odd">123</p>';
var pattern = /<\/?[a-zA-Z]+(\s+[a-zA-Z]+=".*")*>/g;
console.log(str.match(pattern)); // ["<p class="odd" id="odd">", "</p>"]
```

```javascript
var str = '<input type="text" value=">" name="username" />';
var pattern = /<(?:[^"'>]|"[^"]|'[^']*')*>/g;
console.log(str.match(pattern)); // ["<p class="odd" id="odd">", "</p>"]
```

```javascript
var str = '<input type="text" value=">" name="username" />';
var pattern = /<(?:[^"'>]|(["'])[^"']*\1)*>/g;
console.log(str.match(pattern)); // ["<p class="odd" id="odd">", "</p>"]
```

邮箱匹配

```javascript
var str = 'hou-jia.nan_110@163.cn.com';
// /()()*@()()\.()/i
var pattern = /^[a-z0-9]+(?:[._-][a-z0-9]+)*@[a-z0-9](?:[.-_][a-z0-9]+)*\.[a-z]{2,4}$/i;
console.log(str.match(pattern));
```

URL匹配