

REGEX Cheat Sheet

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Characters

| | |
|--------------------------|--------------------------------|
| <code>.</code> | match any character |
| <code>\w \d \s</code> | word, digit, whitespace |
| <code>\W \D \S</code> | not word, digit, whitespace |
| <code>[abc]</code> | any of a, b, or c |
| <code>[^abc]</code> | not a, b, or c |
| <code>[a-g] [0-9]</code> | character between a & g or 0-9 |

Anchors

| | |
|---------------------|---------------------------------------|
| <code>^abc\$</code> | Anchor ^start and end\$ of the string |
| <code>\b \B</code> | Word, not-word boundary |

Escaped Characters

| | |
|-----------------------|--|
| <code>\. * \\</code> | Escape special characters with backslash |
| <code>\t \n \r</code> | tab, linefeed, carriage return |

Groups

| | |
|----------------------|---------------------------|
| <code>(abc)</code> | capture group |
| <code>\1</code> | backreference to group #1 |
| <code>(?:abc)</code> | non-capturing group |
| <code>(?=abc)</code> | positive lookahead |
| <code>(?!abc)</code> | negative lookahead |

Quantifiers

| | |
|------------------------|------------------------------|
| <code>a*a+a?</code> | 0 or more, 1 or more, 0 or 1 |
| <code>a{5}a{2,}</code> | exactly five, two or more |
| <code>a{1,3}</code> | between one & three |
| <code>a+?a{2,}?</code> | match as few as possible |
| <code>(ab cd)</code> | match ab or cd |

Javascript

| | |
|--|-------------------------|
| <code>if (/^[a-z]/.test('test')) {</code> | If string matches regex |
| <code>'paint'.replace(/^[a-z]*/,'black');</code> | Replace matched regex |
| <code>new RegExp('^[a-z]', 'gm')</code> | Define regex |

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