

Regular Expressions

Computing

Every metacharacter worth knowing, with what it matches.

Works in JavaScript, Python, Ruby and most modern engines.

Characters

<code>.</code> – any character	<code>\d</code> – digit
<code>\w</code> – letter, digit or <code>_</code>	<code>\s</code> – whitespace
<code>\D \W \S</code> – the opposites	<code>[abc]</code> – any one of a, b, c
<code>[^abc]</code> – anything except	<code>[a-z]</code> – a range

Repetition

<code>*</code> – zero or more	<code>+</code> – one or more
<code>?</code> – zero or one	<code>{3}</code> – exactly three
<code>{2,5}</code> – two to five	<code>*?</code> – lazy — as few as possible

Position

<code>^</code> – start of string	<code>\$</code> – end of string
<code>\b</code> – word boundary	

Grouping

<code>(...)</code> – capture	<code>(?:...)</code> – group, no capture
<code>(?<name>...)</code> – named capture	<code>a b</code> – either

Escape a literal dot, question mark or bracket with a backslash. In a character class, most are already literal.