Regular Expression Examples

Table 1. Regular Expression Details

Pattern	Matches	Doesn't match	Comment
pat	pat a lovely pattern compatible apps	pt poet pxt	literal text
p.t	pitter-patter keep to the right spiteful put your coat on	poet pt	match any 1 char
p..t	the poet a protein snack keep standing	pt potato	matches any 2 chars
p[aeiou]t	hotspot silly putty	pt poet	any 1 vowel
p[a-z]t	chopsticks spitball	stop,turn	range a to z
p[a-z0-9,]t	stop9truck hot spot stop,turn	p:t pt pAt	two ranges + ,
p[aeiou][aeiou]t	poet repeated peatier	pot potato wipeout	any vowel, any vowel
[0-9][0-9][0-9]-[0-9][0-9]-[0-9][0-9][0-9][0-9]	236-17-1838 492-12-7382	123-456-7890	3 digits, 2 digits, 4 digits
spam[^-]ham	spam ham spam#ham spamaham	spam-ham	Any char not -
\d\d\d-\d\d-\d\d\d\d	236-17-1838 492-12-7382	123-456-7890	3 digits, 2 digits, 4 digits
pa+t	pat paaaat	pt	one or more a
pa*t	pt pat paaaat	pet pit	zero or more a
foo\s*bar	foobar foo bar foo bar	foo-bar foo/bar	zero or more spaces
foo\s+bar	foo bar foo bar	foobar	one or more spaces
foo\s?bar	foobar foo bar	foo bar foobar	zero or one space
\d{3}-\d{2}-\d{4}	236-17-1838 492-12-7382	123-456-7890	3 digits, 2 digits, 4 digits
p[aeiou]{1,2}t	compatible proton	potato	one or two vowels
pa{2,}t	paat paaaat paaaaaat	pt pat pet	at least two `a`s
St\.	St. Francis	Ste Francis Stop	\. matches only .
^\d+$	123 4	abcdef123xyz	only digits
^\s*\d+\s*$	123 123 123	12 3 123m	\s* zero or more spaces

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^foo	football foobar	tenderfoot	match beginning of string

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