## **Expresiones regulares**

## Character classes

```
[abc] a, b, or c (simple class)

[^abc] Any character except a, b, or c (negation)

[a-zA-Z] a through z or A through z, inclusive (range)

[a-d[m-p]] a through d, or m through p: [a-dm-p] (union)

[a-z&&[def]] d, e, or f (intersection)

[a-z&&[^bc]] a through z, except for b and c: [ad-z] (subtraction)

[a-z&&[^m-p]] a through z, and not m through p: [a-lq-z](subtraction)
```

## Predefined character classes

±1	Any character (may or may not match line terminators)
\d	A digit: [0-9]
\D	A non-digit: [^0-9]
\s	A whitespace character: [ \t\n\x0B\f\r]
\s	A non-whitespace character: [^\s]
\w	A word character: [a-zA-Z 0-9]
\W	A non-word character: [^\w]

## Reluctant quantifiers

X, once or not at all
X, zero or more times
X, one or more times
X, exactly $n$ times
X, at least $n$ times
X, at least $n$ but not more than $m$ times