

Regular Expression to Match from N to M Times

`{n,m}`

Repeats the previous item between n and m times. This option is greedy, so repeating m times is tried before reducing the repetition to n times, where $n \geq 0$ and $m \geq n$

`a{2,4}` matches `aaaa`, `aaa`
or `aa`

Figure 1

Example

In this this example, we are matching `X_X` where the underscore is repeated between 3 and 6 times.

`X-{3,6}X`

When run in the Regular Expression Testing Utility which ships with Blade, you can see the matches in Figure 2.

The screenshot shows the RegEx Testing Utility v1.0.10089.25. The Regular Expression field contains `X-{3,6}X`. The Text to Test Against field contains a long string of 'X' characters with underscores inserted at various positions. The RegEx Options section has ☒ Ignore Case and ☒ MultiLine. The Test button is visible. Below the options is a table showing the matches found.

Match	Position	Length
X_X	29	5
X_X	42	6
X_X	59	7
X_X	123	5
X_X	147	7
X_X	167	5
X_X	265	8
X_X	328	5
X_X	377	6

Match count: 9

Figure 2