

# C# - ALTERNATION CONSTRUCTS REGULAR EXPRESSIONS

[http://www.tutorialspoint.com/csharp/csharp\\_alternation\\_constructs.htm](http://www.tutorialspoint.com/csharp/csharp_alternation_constructs.htm)

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Alternation constructs modify a regular expression to enable either/or matching. The following table lists the alternation constructs:

Alternation construct	Description	Pattern	Matches
	Matches any one element separated by the vertical bar   character.	the is at	"the", "this" in "this is the day. "
?( <i>expression</i> <b>yes</b>   <b>no</b> )	Matches <i>yes</i> if expression matches; otherwise, matches the optional <i>no</i> part. Expression is interpreted as a zero-width assertion.	?(AA\d{2}\b \b\d{3}\b)	"A10", "910" in "A10 C103 910"
?( <i>name</i> <b>yes</b>   <b>no</b> )	Matches <i>yes</i> if the named capture name has a match; otherwise, matches the optional <i>no</i> .	? < <i>quoted</i> > " ??( <i>quoted</i> .+?" S+\s)	Dogs.jpg, "Yiska playing.jpg" in "Dogs.jpg "Yiska playing.jpg""

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