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## GREP and Metacharacters

InDesign CC 2017 • Find/Change Dialog Box

Description	Text	GREP
Tab	^t	\t
Forced Line Break	^n	\n
End of Paragraph	^p	\r
Any Line End Character (NEW!)		\R

Symbols	Text	GREP
Bullet Character •	^8	~8
Japanese Bullet	^5	~5
Carat Character ^	^^	\^
Backslash Character \	\\	\\
Copyright Symbol ©	^2	~2
Ellipsis ...	^e	~e
Tilde	~	\~
Paragraph Symbol ¶	^7	~7
Registered Trademark Symbol ®	^r	~r
Section Symbol §	^6	~6
Trademark Symbol ™	^d	~d
Open Parenthesis (	(	\(
Closed Parenthesis )	)	\)
Open Brace Character {	{	\{
Closed Brace Character }	}	\}
Open Bracket Character [	[	\[
Closed Bracket Character ]	]	\]

Markers	Text	GREP
Any Page Number	^#	~#
Current Page Number	^N	~N
Next Page Number	^X	~X
Previous Page Number	^V	~V
Section Marker	^x	~x
Anchored Object Marker	^a	~a
Footnote Reference Marker	^F	~F
Index Reference Marker	^I	~I

Hyphens and Dashes	Text	GREP
Em Dash	^-	~-
En Dash	^=	~=
Discretionary Hyphen	^-	~-
Nonbreaking Hyphen	^~	~~

White Space	Text	GREP
Em Space	^m	~m
En Space	^>	~>
Flush Space	^f	~f
Hair Space	^	~
Nonbreaking Space	^S	~S
Nonbreaking Space (fixed width)	^s	~s
Ideographic Space	^(	~(
Thin Space	^<	~<
Figure Space	^/	~/
Punctuation Space	^.	~.
Third Space	^3	~3
Quarter Space	^4	~4
Sixth Space	^%	~%

Quotation Marks	Text	GREP
Any Double Quotation Mark	"	"
Any Single Quotation Mark	'	'
Straight Double Quotation Mark "	^"	~"
Double Left Quotation Mark "	^{	~{
Double Right Quotation Mark "	^}	~}
Straight Single Quotation Mark '	^'	~'
Single Left Quotation Mark '	^[	~[
Single Right Quotation Mark '	^]	~]

Break Character	Text	GREP
Standard Carriage Return	^b	~b
Column Break	^M	~M
Frame Break	^R	~R
Page Break	^P	~P
Odd Page Break	^L	~L
Even Page Break	^E	~E
Discretionary Line Break	^k	~k

Variable	Text	GREP
Any Variable	^v	~v
Running Header (Paragraph Style)	^Y	~Y
Running Header (Character Style)	^Z	~Z
Custom Text	^u	~u
Last Page Number	^T	~T
Chapter Number	^H	~H
Creation Date	^O	~O
Modification Date	^o	~o
Output Date	^D	~D
File Name	^I	~I
Metadata Caption	^J	~J

Other	Text	GREP
Right Indent Tab	^y	~y
Indent to Here	^i	~i
End Nested Style Here	^h	~h
Non-Joiner	^j	~j
Clipboard Contents, Formatted		~c
Clipboard Contents, Unformatted		~C

Wildcards	Text	GREP
Any Digit	^d	\\d
Any Character Not a Digit		\\D
Any Letter	^S	[\\l\\u]
Any Character	^?	.
Any White Space	^w	\\s
Any Character Not a White Space		\\S
Any Vertical Space (hard and soft returns)		\\v
Any Horizontal Space (all but hard returns)		\\h
Any Word Character		\\w
Any Character Not a Word Character		\\W
Any Lowercase Letter		\\l
Any Character Not a Lowercase Letter		\\L
Any Uppercase Letter		\\u
Any Character Not Uppercase		\\U

Locations	Text	GREP
Beginning of Word		\\<
End of Word		\\>
Word Boundary		\\b
Beginning of Paragraph		^
End of Paragraph		\$
Beginning of Story		\\A
End of Story		\\Z

Repeat	Text	GREP
Zero or One Time		?
Zero or More Times		*
One or More Times		+
Zero or One Time (Shortest Match)		??
Zero or More Times (Shortest Match)		*?
One or More Times (Shortest Match)		+?
Repeat Expression 1–9 Times		\\1 ... \\9

Match	Text	GREP
Marking Subexpression		()
Non-Marking Subexpression		(?:)
Character Set		[]
Or		
Positive Lookbehind		(?<=)
Negative Lookbehind		(?<!)
Positive Lookahead		(?=)
Negative Lookahead		(?!)
Lookbehind (NEW!)		\\K
(Keep text found so far out of overall Regex match)		

Modifiers	Text	GREP
Case-Insensitive On		(?i)
Case-Insensitive Off		(?-i)
Multiline On		(?m)
Multiline Off		(?-m)
Single-Line On		(?s)
Single-Line Off		(?-s)
Ignore Whitespace On		(?w)
Ignore Whitespace Off		(?-w)

Posix	GREP
Any alphanumeric character	[[alnum:]]
Any alphabetic character	[[alpha:]]
Only digits 0 to 9	[[digit:]]
Any lowercase character a to z	[[lower:]]
Any punctuation and symbols	[[punct:]]
Any whitespace and break	[[space:]]
Any uppercase character A to Z	[[upper:]]
Any letter, number, and underscore	[[word:]]
Any hexadecimal 0-9, a-f, and A-F	[[xdigit:]]
Any character of a certain glyph set (such as a, à, á, â, ã, ä, å, A, Ä, Å, Æ, Å, Æ)	[[=a=]]
Any blank character, ie space or tab	[[blank:]]
Any control character	[[control:]]
Any visible character	[[graph:]]
Any visible characters and spaces	[[print:]]
Any character code greater than 255	[[unicode:]]
(applies only to the wide character traits classes)	

Change to Found	Text	GREP
Found Text		\$0
Found 1		\$1
Found 2		\$2
Found 3		\$3
Found 4		\$4
Found 5		\$5
Found 6		\$
Found 7		\$7
Found 8		\$8
Found 9		\$9

More Undocumented GREP Codes	GREP
Letter	\\p{letter}
Lowercase letter	\\p{lowercase_letter}
Uppercase letter	\\p{uppercase_letter}
Titlecase letter	\\p{titlecase_letter}
Spacing modifier letter	\\p{modifier_letter}
Non-case non-modifier letters	\\p{letter_other}
Marks	\\p{mark}
Diacritical and tone marks	\\p{non_spacing_mark}
Vowels SE Asian languages	\\p{spacing_combining_mark}
Circles, squares, keycaps	\\p{enclosing_mark}
Spaces, returns, 2028, 2029	\\p{separator}
All spaces except tab & return	\\p{space_separator}
Line separator character 2028	\\p{line_separator}
Paragraph separator 2029	\\p{paragraph_separator}
Math and Wingdings	\\p{symbol}
Math symbols	\\p{math_symbol}
Currency symbols	\\p{currency_symbol}
Modifier symbols	\\p{modifier_symbol}
Wingdings, dingbats	\\p{other_symbol}
Numbers	\\p{number}
Digits 0 to 9	\\p{decimal_digit_number}
Roman numerals	\\p{letter_number}
Other numbers	\\p{other_number}
Punctuation	\\p{punctuation}
Hyphens and dashes	\\p{dash_punctuation}
Opening parentheses, braces	\\p{open_punctuation}
Closing parentheses, brackets	\\p{close_punctuation}
Opening quotes	\\p{initial_punctuation}
Closing quotes	\\p{final_punctuation}
Underscore, 203F, 2040, 2054	\\p{connector_punctuation}
Other punctuation	\\p{other_punctuation}
Other	\\p{other}
Control characters	\\p{control}
Formatting character markers	\\p{format}
E000–F8FF	\\p{private_use}
Unassigned Unicode range	\\p{unassigned}

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