

Perl Regular Expression Metacharacters (Section 2.2)

Metacharacters

Metacharacter	Behavior
<code>/.../</code>	Forward slash is starting and ending delimiter.
<code>(...)</code>	Parentheses are for grouping.
<code> </code>	Vertical line is for OR situation.
<code>\d</code>	Matches a digit (0-9).
<code>\D</code>	Matches a non-digit such as letter or special character.
<code>\s</code>	Matches a whitespace character such as space or tab.
<code>\w</code>	Matches a word character (a-z, A-Z, 0-9, or underscore).
<code>.</code>	Matches any character.
<code>[...]</code>	Matches a character in the brackets.
<code>[^...]</code>	Matches a character not in the brackets.

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Metacharacters

Metacharacter	Behavior
<code>^</code>	Matches the beginning of the string.
<code>\$</code>	Matches the end of the string.
<code>\b</code>	Matches a word boundary (most special characters).
<code>\B</code>	Matches a non-word boundary (letter, digit, or underscore).
<code>*</code>	Matches the preceding character 0 or more times.
<code>+</code>	Matches the preceding character 1 or more times.
<code>?</code>	Matches the preceding character 0 or 1 times.
<code>{n}</code>	Matches exactly <i>n</i> times.
<code>\</code>	Overrides the next metacharacter such as a (or ?.
<code>\n</code>	Matches the <i>n</i> capture buffer.

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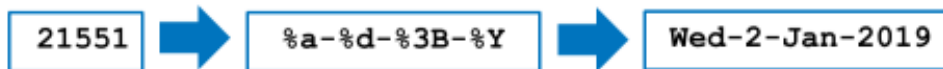
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PICTURE Statement Directives (Section 5.1)

Date Directives

%A	Weekday name (full)	Wednesday
%a	Weekday name (first three letters)	Wed
%d	Day of month (one or two digits)	2
%0d	Day of month (two digits)	02
%B	Month name (full)	January
%3B	Month name (first three letters)	Jan
%0m	Month number (two digits)	01
%Y	Year (four digits)	2019
%0y	Year (two digits)	19



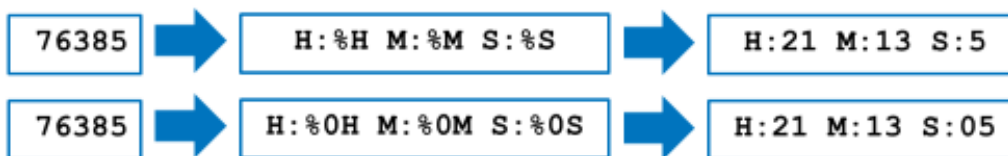
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Time Directives

%H or %0H	Hour, 24-hour clock (one or two digits)	21
%I or %0I	Hour, 12-hour clock (one or two digits)	9 or 09
%M or %0M	Minute (one or two digits)	13
%S or %0S	Second (one or two digits)	5 or 05
%p	AM or PM	PM

Note: To add a leading zero before a single digit, insert a 0 before the directive.



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