Cheatography

# Vim Regexp Cheat Sheet

by fievel (fievel) via cheatography.com/20997/cs/10282/

## Special char NOT requiring escape

| | |
|---|---|
| \ | Escape next character |
| ^ | Start-of-line |
| $ | End-of-line |
| . | Any char |
| * | 0 or more quantifier |
| ~ | Match last given substitute string |
| [...] | Match range |
| [^...] | Not range |
| & | In replacement: insert whole matched pattern |

Interpreted as regular expression operator without escaping (escape to match literal)

## Special char requiring escape

| | |
|---|---|
| \< | Beginning of a word |
| \> | End of word |
| \(...\) | Group |
| \| | Separate alternative |
| _. | Any single char or end-of-line |
| \+ | 1 or more quantifier |
| \= | 0 or 1 quantifier |
| \? | or or 1 quantifier |
| \{n,m} | n to m quantifier |
| \{n} | n quantifier |
| \{n,} | at least n quantifier |
| \{,m} | 0 to m quantifier |

Interpreted as regular expression operators only when escaped (otherwize will be interpreted as literals).

## Useful examples

| | |
|---|---|
| :g/<pattern>/d_ | delete all lines matching pattern |
| s/^.*$\n// | delete empty lines |
| s/<pattern>/new &/ | Replace pattern by "new <whole matched pattern>" |
| s/<pattern>/\=@a/ | Replace pattern by content of register "a" |
| s/<pattern>//gn | Count nb occurence of pattern |

## Look around assertions

| | |
|---|---|
| \@<= | positive look behind |
| \@<! | negative look behind |
| \@= | positive look ahead |
| \@! | negative look ahead |

Must follow a group matching what to look behind or ahead (ex: \(<pattern>\)\@<=)

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