

Perltidy

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Perltidy is a very valuable tool when it comes to formatting Perl source code in a common way. This is especially helpful if you follow the recommended Perl Best Practices (PBP) style guide.

1 Installation

```
aptitude install perltidy
```

2 Configuration

Perltidy uses its configuration file under `~/.perltidyrc`.

3 Example Configuration Inspired by Perl Best Practice

```
1  ### PBP perltidy version 0.1 (2009-03-06)
2
3  ### Max line width is 78 cols
4  -l=78
5
6  ### Indent level is 4 cols
7  -i=4
8
9  ### Continuation indent is 4 cols
10 -ci=4
11
12 ### Output to STDOUT
13 -st
14
15 ### ckuelker 2009-02-05: if you switch this on in vim it will print error
16 ### messages directly in your code! Happy clean up!!
17 ### Errors to STDERR
18   #-se
19
20 ### Maximal vertical tightness
21 ### switch this on (set this to 2) seems to be make the layout too tight
22 ### switch this on might be a mistake in PBP (German edition) since PBP
23 ### recommends K&R style, see chapter 2
24 ### ON:
25 ###         my $dog = CipUX::Dog->new(
26 ###             {   dog_hr      => $dog_hr,
27 ###                 object     => $object,
28 ###                 overwrite_hr => $overwrite_hr,
29 ###             }
30 ###         );
31 ### OFF:
32 ###         my $dog = CipUX::Dog->new(
33 ###             {
34 ###                 dog_hr      => $dog_hr,
35 ###                 object     => $object,
36 ###                 overwrite_hr => $overwrite_hr,
37 ###             }
38 ###         );
39   #-vt=2
40
41 ### No extra indentation for closing brackets
42 -cti=0
43
44 ### Medium parenthesis tightness
45 -pt=1
46
```

```
47 ### Medium brace tightness
48 -bt=1
49
50 ### Medium square bracket tightness
51 -sbt=1
52
53 ### Medium block brace tightness
54 -bbt=1
55
56 ### No space before semicolons
57 -nsfs
58
59 ### Don't outdent long quoted strings
60 -nolq
61
62 ### Break before all operators
63 -wbb="% + - * / x != == >= <= =~ !~ < > | & >= < = **= += *= &= <<= &&= -=
    /= \
64 |= >>= ||= .= %= ^= x="
```

- Download locally by browser and PDF in browser tabs: [perltidyc](#)
- View via <https://github.com> by PDF viewers: <https://raw.githubusercontent.com/ckuelker/quick-guide-en-us/master/Dev/Perl/Style-Guide/perltidyc>

4 Activation In Vim

To enable `perltidy` cleanup inside Vim, you can add this to `~/.vimrc`

```
map ,pt <Esc>:%!perltidy <CR>
```

If you press the `'pt'` key combination quickly, your Perl code will be reformatted if `perltidy` is installed in your path. Otherwise your code will be removed.

If unintentional removal of content is not desired, the above mapping can be made safer by adding a vim function.

```
function! s:Perltidy() abort
  if executable("perltidy")
    :%!perltidy
    echo "Executed perltidy"
  else
    echo "- FAIL: Could not find command 'perltidy'"
  endif
endfunction
map ,pt :call <sid>Perltidy()<CR>
```

5 History

Version	Date	Notes
0.1.6	2023-04-26	Improve writing, mv history
0.1.5	2022-05-23	Fix perltidyrc download link
0.1.4	2022-05-22	Changes->History, change comments, improve ,pt
0.1.3	2020-05-12	Add front matter
0.1.2	2016-06-22	Improve vim section
0.1.1	2009-03-06	Adapt changes from PBP
0.1.0	2009-02-05	Initial release

6 Disclaimer of Warranty

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