

# Shell configuration files of Juhapekka Tolvanen

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# 1 Licensing

MIT/X11-licence AKA "BSD-type licence without advertising clause":

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Files `docutils.conf` and `RST.tex` are public domain, as is said in the beginning of those files.

This configuration also uses some stuff from other people and it may have different licencing:

A file called `home/juhtolv/dot.logout.dir/amigashell.guru.txt` is originally released in software called Amigashell (by Gürkan Sengün): <http://www.linux.mine.nu/amigashell/> . IIRC author told me that file is under GNU GPL.

A file called `home/juhtolv/dot.logout.dir/dopefish.txt` is from this page and after that very much edited: <http://www.dopefish.com/>

I got original `debian-issue.sh` this way:

<http://lists.debian.org/debian-devel/2001/debian-devel-200107/msg00861.html>

<http://people.debian.org/~arthur/debian-issue.sh>

After that I created two different versions of that. I still don't know licence of them.

## 2 Some features

- Mostly for Zsh. Zsh rules the universe!
- Remorselessly exploits the similarities of different Bourne-syntax shells via sourcing of configuration files of other shells. All configurations, that work fine on "inferior" shells, are put to their configuration files and then those files are sourced by "superior" shells. For example configurations of plain Bourne Shell (sh) are well understood by bash, ksh and zsh, so they can source them without problems.
- Shamelessly neglects configuring of csh and tcsh and fscking proud of it. csh and tcsh are b0rken. Period.
  - <http://www.grymoire.com/Unix/CshTop10.txt>
  - <http://www.shlomifish.org/open-source/anti/csh/>
  - <http://gonzo.tamu.edu/csh.whynot.html>
  - <http://www.faqs.org/faqs/unix-faq/shell/csh-whynot/>
  - <http://www.perl.com/pub/language/versus/csh.html>
  - [http://www.perl.com/CPAN-local/authors/Tom\\_Christiansen/scripts/csh/info/csh.whynot.gz](http://www.perl.com/CPAN-local/authors/Tom_Christiansen/scripts/csh/info/csh.whynot.gz)
  - [ftp://ftp.funet.fi/pub/CPAN/authors/Tom\\_Christiansen/scripts/csh/info/csh.whynot.gz](ftp://ftp.funet.fi/pub/CPAN/authors/Tom_Christiansen/scripts/csh/info/csh.whynot.gz)
- Uses many good configurations from other peoples configuration files, for example:
  - Risto J. Laitinen
  - Sven Guckes
  - Contributors of [www.dotfiles.com](http://www.dotfiles.com)
- Many useful aliases and functions. Check out these at `/etc/profile` :
  - `cddoc`

- myx (My X)
  - wtfsc (What The Fsck?) (Originally it was wtf, but then I realised I have /usr/games/wtf)
  - ash, bash and ksh
  - lstar and untar
  - mvcd and cpd
  - mdmvcd and mdcpcd
- Paranoid umask
- Chart of sourcing different configuration files included in Gnome Dia and other formats.
- Cool colors in prompts. Can be switched off easily.
- Colorfull and informative default prompt called cutthreelinetimeprompt .
  - username
  - short hostname
  - Date and time
  - present working directory without tilde (easy to copy-paste)
  - third line has just % (or # if you are root), so there is lots of space for your command.
  - third line uses \$RPROMPT for not-so-interesting information. It goes away, if you write very long command :
    - \* current history event number
    - \* current tty
    - \* current window of screen
- Many functions for changing prompts. When I use Midnight Commander, I normally use function publicprompt, because prompts that take two or more lines are not good for it.
- Cool title bars with relevant information. No need to think, whether prompt or titlebar should be looked, when information about such issues like present working directory is needed. Both of them can be used.

- Text of titlebars for different terminal types is defined in one place (not yet for bash).
- Good `dircolors`-file. No problems with blue text on black background or white text on white background. Does not use `dircolors` when output does not go to `tty`.
- If terminal has enough rows, then you are greeted with output of `linux_logo` or `Welcome2L`, when you invoke your shell. Whenever possible, ANSI colors are used.
- Good `.screenrc` -files are provided, too.
- Documentation you are reading already is written in light-weight markup-language called `reStructuredText`. Even original markup is very human-readable. It can be converted to many formats.

And last but not least:

- Prompt and titlebars of root and lusers look so different, that you should not accidentally type commands that should go to normal luser shell in your root prompt.

### 3 Tips

Do not copy these configuration files over your original configuration files blindly. Just copy-paste things you really understand to your current configuration files.

(This tip is quite obsolete, because now my screen-configs has two `zsh`-shells run as root.) Make some key-binding, menu entry, button of Gnome Panel etc. to invoke command like this, if you want to use `Zsh` as root, but do not dare to use `Zsh` as login shell of root:

```
rxvt -sb -ls -fg black -fg Yellow -geometry 80x70 -e su -c '/bin/zsh -l'
```

Get `linux_logo` and `Welcome2L` here:

- [http://www.glue.umd.edu/~weave/vmwprod/linux\\_logo/](http://www.glue.umd.edu/~weave/vmwprod/linux_logo/)

- <http://www.littleigloo.org/>
- [http://www.littleigloo.org/software\\_003.php3](http://www.littleigloo.org/software_003.php3)

At least rxvt, Eterm and gnome-terminal can load background pixmaps. Cool background and icons for terminal running your root shell are available here: <http://iki.fi/juhtolv/wmpix/root/>

Here are some good configuration files for shells (and other programs, too):

- <http://www.dotfiles.com/>
- <http://www.zsh.org/>
- <http://web.mit.edu/olh/Dotfiles/>

There has been threads about shell prompts in Slashdot and Kuro5hin:

- <http://slashdot.org/article.pl?sid=01/07/06/122259>
- <http://www.kuro5hin.org/?op=displaystory;sid=2001/5/1/215312/2648>

Folding is used in these files. `foldings.el` is part of latest versions of XEmacs. If you are using GNU emacs or you do not have it because of some other reason, you can get it also here: <http://www.csd.uu.se/~andersl/emacs.shtml> . To use that kind of folding under Vim put this to your `~/.vimrc`

```
set foldmethod=marker
set foldcolumn=2
```

If there is a risk, that some old version of Vim can read that file, then use this instead:

```
if v:version >= 600
    set foldmethod=marker
    set foldcolumn=2
endif
```

## 4 Note

I converted some shellfunctions to stand-alone scripts, recently. They are available here: <http://iki.fi/juhtolv/hacks/sh/> .  
Check out directories called galeon, latex, musicplaying, netscape, pv and systemmonitoring.

## 5 Todo

- There are still many other people's configuration files, that I should exploit in my configurations.

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