

[Back](#)

Miscellaneous tips

```
# CVS

1) Importing directory
cd e_lib
cvs import -m "Import of SECT E-Lib" e_lib SECT-E-LIB E-LIB-1-0

2) Creating module
cvs checkout CVSR00T/modules
cd CVSR00T
edit the file modules and add the lines:
e_lib e_lib
cvs commit -m "Added the e_lib module." modules
cd ..
cvs release -d CVSR00T

#1 gcc options
bounds checking : gcc -g -fbounds-checking

#2 tool for getting POP-3 emails : fetchpop

#3 Nice desktop colors:
green background - #4c9d7c
sandy vim background - #fcf0cf

#4 Instalation Tcl/Tk
Options for configuring Tcl : --enable-gcc --enable-threads
Options for configuring Tk : --enable-gcc --enable-threads
--with-tcl=/home/romek/src/tcl8.2.1/unix

# Options for mkisofs :
-a -f -T -R -r -o output.iso -x exclude_path
-a -o output-14.10.00.iso -r -T -v /home/romek

# writing a cd
cdrecord -v speed=2 dev=1,0 _media_putanowr_cpp_programming.iso

# C code flow
prr in prteri/bin

# Compiling with full warnings
make CFLAGS="-ansi -pedantic -Werror -W -Wall -Wtraditional -Wconversion
-Wshadow -Wpointer-arith -Wcast-qual -Wcast-align -Wwrite-strings
-Wstrict-prototypes -fshort- enums -fno-common -Wmissing-prototypes
-Wnested-externs -Dinline= -g -O4"
```

```
# Getting bounding box from postscript:  
gs -sDEVICE=bbox ala.ps  
  
# How to enable backing store in X  
/etc/X11/xdm/Xservers::0 local /usr/X11R6/bin/X vt7 -dpi 100 -nolisten tcp  
+bs  
  
# making patch form cvs  
cvs diff -c file > patch  
  
#making XFig library  
a) use  
    -library_dir file where file list absolute paths to  
    directories containing the libraries looks like:  
  
/usr/share/xfig/Libraries    XFig default libraries  
/home/prac/putanowr/share/xfig/Libraries My Libraries  
  
b) put libraries in a DIR and either use -library_dir DIR  
or set XFIGLIBDIR environment variable.  
  
# list all classes in file  
ctags -x --c-types=c complex3d.h | cut -d " " -f 1  
  
# executing vim script for each file  
for i in *.tpl; do vim -c "source fun" -c "call MySub()" -c "wq" $i; done  
  
#porownywanie kartoteki GrAL  
diff --brief --recursive --exclude=CVS --exclude=TRANS.TBL --  
exclude=mk.config --exclude='*.defs' --  
exclude="*.exp" /mnt/extra/romek/work/GrAL/ .  
  
#obsługa zewnętrznego cvs dla GrAL  
cvs -d :ext:roman@bandit.ccrl-nece.de:/home/berti/ CVSREPO update  
  
#podwyrażenia w sed w vim:  
:%s/\(\\"put(.*)\),/\1+10,/g  
  
# uruchamianie dx  
dx -execute_on_change -image -program numbering.net  
  
# getting getfem++ from svn repository  
svn co http://svn.gna.org/svn/getfem/trunk getfem  
  
# configuring getfem  
.configure --enable-superlu --enable-qhull --enable-boost --enable-python  
--enable-shared --with-p  
ic --prefix=/home/prac/putanowr/space/install  
  
# SVN
```

```
svnadmin create /mnt/space/putanowr svn/  
  
# Creating trac site:  
mkdir /mnt/space/putanowr/intranet/trac  
trac-admin /mnt/space/putanowr/intranet/trac/ initenv  
  
# uruchamianie serwera tracd z autentykacją:  
tracd --port 8000 --basic-  
auth=trac,/mnt/space/putanowr/intranet/trac/.htpasswd,/mnt/space/putanowr/  
intranet/trac /mnt/space/putanowr/intranet/trac  
  
#Uruchamianie OPEN MPI na foo:  
mpirun --mca btl tcp,self -np 2 ex24.exe  
  
# powiększanie strony  
cat lee.ps | psnup -m-1.5cm -b-2cm | psbook | psnup -pa4 -m-1cm -2 > ala.ps  
  
# informacje o sprzecie  
RAM to po prostu free  
CPU to cat /proc/cpuinfo  
sprzet to lspci  
  
#listing subversion repository content  
svn ls file:///home/svn/svn1/cst  
svn ls svn+ssh://putanowr@jinx/home/svn/svn1/cst  
  
#creating new repository project  
mkdir myProject  
cd project  
touch content  
svn import . file:///home/svn/svn1/playground/myProject  
  
# drukowanie z polskimi znakami  
a2ps ala -R -1 -o ala.ps -X iso2  
  
#how to find all users in a group  
getent group {groupname}  
  
# Branching SVN repository  
svn info  
svn+ssh://putanowr@jinx/home/svn/svn1/femdk_tutorials/interp1D/trunk |  
grep Revision  
svn cp svn+ssh://putanowr@jinx/home/svn/svn1/femdk_tutorials/interp1D/trunk  
svn+ssh://putanowr@jinx/home/svn/svn1/femdk_tutorials/interp1D/branches/Step  
1  
-m "Branching from trunk to Step 1 at revision 1"  
  
# How to check Debian version  
more /etc/debian_version  
  
# Logowanie się na perszerona
```

```
ssh putanowr@perszeron.uck.pk.edu.pl

# swig sphinx
/tmp/bin/swig -c++ -sphinx -DON_CLASS -DON_EXTERN_DECL -DON_DECL

# Scaling pdf
gs -q -dNOPAUSE -dBATCH -sDEVICE=pdfwrite -dSAFER \
-dCompatibilityLevel="1.3" -dPDFSETTINGS="/printer" \
-dSubsetFonts=true -dEmbedAllFonts=true \
-sPAPERSIZE=a4 -sOutputFile="out.pdf" \
-c "<</BeginPage{1.35 1.35 scale -70 -130 translate}>> setpagedevice" \
-f SM.pdf

$ svn copy http://svn.example.com/repos/calc/trunk \
http://svn.example.com/repos/calc/tags/release-1.0 \
-m "Tagging the 1.0 release of the 'calc' project."
# formating paragraph in vi
gqip

# digitizing graphs
http://digitizer.sourceforge.net/

# default encoding for gnome terminal
gconftool --set --type:string /apps/gnome-terminal/profiles/Default/encoding
ISO-8859-1

# mutt selecting messages:
You need to run the tag-pattern command. The default for that is T
(Shift+t). You
can then give it a regular expression. By default this will match message
subjects.

If you need to select a range of messages by number, you can provide the ~m
[MIN
]-[MAX] pattern to tag-pattern. There are many other options I've found
useful over the years, and you can see a complete list in the "Advanced Usage -
Patterns
" section of the manual.

You can also use t to tag or untag the highlighted message, to fine-tune the selection.

Then you can run tag-prefix (;) followed by save-message (s), and it will prompt
you for a mailbox name. This command marks the saved messages to be deleted; there is also the copy-message command (C, i.e. Shift+c) to copy without
```

marking f
or deletion.

```
# https instead of git
git config --global url."https://".insteadOf git://

# setup variabe for git access
export GIT_SSL_NO_VERIFY=true

# addning new boos source
boss add-source my-remote
https://git.l5.pk.edu.pl/putanowr/boss-templates.git

# updating brang to sync with trunk
cd /space/work/iga/branches/rp_version
putanowr@tomi:/space/work/iga/branches/rp_version$ svn merge
```

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