

bash script for installing tmux without root access

 [tmux_local_install.sh](#)

Raw

```
#!/bin/bash

# Script for installing tmux on systems where you don't have root access.
# tmux will be installed in $HOME/local/bin.
# It's assumed that wget and a C/C++ compiler are installed.

# exit on error
set -e

TMUX_VERSION=1.8

# create our directories
mkdir -p $HOME/local $HOME/tmux_tmp
cd $HOME/tmux_tmp

# download source files for tmux, libevent, and ncurses
wget -O tmux-${TMUX_VERSION}.tar.gz http://sourceforge.net/projects/tmux/files/tmux/tmux-${TMUX_VERSION}/tmux-${TMUX_VERSION}.tar.gz/download
wget https://github.com/downloads/libevent/libevent/libevent-2.0.19-stable.tar.gz
wget ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.9.tar.gz

# extract files, configure, and compile

#####
# libevent #
#####
tar xvzf libevent-2.0.19-stable.tar.gz
cd libevent-2.0.19-stable
./configure --prefix=$HOME/local --disable-shared
make
make install
cd ..
```

```
#####  
# ncurses #  
#####  
tar xvzf ncurses-5.9.tar.gz  
cd ncurses-5.9  
./configure --prefix=$HOME/local  
make  
make install  
cd ..  
  
#####  
# tmux #  
#####  
tar xvzf tmux-${TMUX_VERSION}.tar.gz  
cd tmux-${TMUX_VERSION}  
./configure CFLAGS="-I$HOME/local/include -I$HOME/local/include/ncurses" LDFLAGS="-L$HOME/local/lib -L$HOME/local/include/ncurses -L$HOME/  
CPPFLAGS="-I$HOME/local/include -I$HOME/local/include/ncurses" LDFLAGS="-static -L$HOME/local/include -L$HOME/local/include/ncurses -L$HOM  
cp tmux $HOME/local/bin  
cd ..  
  
# cleanup  
rm -rf $HOME/tmux_tmp  
  
echo "$HOME/local/bin/tmux is now available. You can optionally add $HOME/local/bin to your PATH."
```



adibis commented on Nov 29, 2012

Oh – thank you, thank you, thank you. They only had screen at work. Now I can use tmux and be happy :)



prinny commented on Jan 11, 2013

Thank you! This worked perfectly for me.



jeffdonahue commented on Feb 10, 2013

Thanks so much, installed perfectly right out of the box. I hate having to figure out what libraries I need and where to get them for local installs, this saved me probably hours of pain (or from just continuing to use screen on machines I don't have root access for)...



haridsv commented on Feb 26, 2013

I modified it to link statically and the resultant binary worked on a different system with different libc: <https://gist.github.com/haridsv/5040047>



shime commented on Jun 4, 2013

Thanks!

Forked this and made it more customizable, updated versions of installed components and provided auto-install command.

Check it out at <https://gist.github.com/shime/5706655>.



gundamew commented on Aug 7, 2013

Thank you for this script. Clearly and really helped.