configure

make

make install

<http://www.rpmfind.net/linux/dag/RPMS/rpmforge-release-0.5.3-1.e17.rf.x86_64.rpm>

or

<http://www.rpmfind.net/linux/dag/redhat/e16/en/x86_64/dag/RPMS/rpmforge-release-0.5.3-1.e16.rf.x86_64.rpm>

yum: package manager

* command for yum
  + -y
    - assume every anaswer is yes
  + groupinstall 'Development Tools'
    - install necessary software for the Development Tool such as gcc glib make gdb
  + search enhanced
    - search software’s title description, summary that include “enhanced”
  + groupinfo
    - search detail on the software group
  + list
    - list the package you install or just specific package
  + whatprovides
    - use to find the package need to install
  + update
    - update package to most recent version
  + upgrade
    - same or update, but delete obsolete poackages(can be risky)
  + remove
    - remove package
* repository for yum
  + all reposity is stored in /etc/yum.repos.d/CentOS-Base.repo
    - mirrorlist is the url where yum looking for

Procedure:

1. yum install emacs wget
   1. install package
2. rpm -Uvh <https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm>
   1. add repository
3. yum install freenx-server nxagent
   1. install package
4. cd /usr/local/src
5. wget [http://ftp.gnu.org/gnu/emacs/emacs-24.4.tar.g](http://ftp.gnu.org/gnu/emacs/emacs-24.4.tar.gz)z
   1. install emacs
6. tar -xzvf emacs-24.4.tar.gz
   1. unzip
7. yum install ncurses-devel
   1. need for tputs
8. cd emacs-24.4
9. ./configure --prefix=/usr/local
   1. configure script
   2. prefix tell where it should install
10. make
11. make install
12. reboot
13. log in as ktsai017
14. mkdir usr
15. cd usr
16. mkdir local
17. cd local
18. mkdir src
19. cd src
20. wget [http://ftp.gnu.org/gnu/emacs/emacs-24.4.tar.g](http://ftp.gnu.org/gnu/emacs/emacs-24.4.tar.gz)z
21. tar -xzvf emacs-24.4.tar.gz
22. cd emacs-24.4
23. ./configure --prefix=/home/ktsai017/usr/local
24. make
25. make install
26. export PATH=/home/ktsai017/usr/local/bin:$PATH
    1. change bin path to local
       1. this is important if you need specific version of package, default will always search the path in root
       2. this won’t work if switch user, or relogin
27. vi ./.bashrc
    1. bashrc is a configure file whenever you log into new user
    2. append export PATH=/home/ktsai017/usr/local/bin:$PATH to ensure that everytime user run it, the path is not from root
28. source ./.bashrc
    1. source is use to update bashrc after we change it
29. which emacs
    1. show the directory of emacs tool if exist

to quit emacs :

ctrl+x ctrl+c