**详解安装emac-25.3过程及问题解决**

本人安装环境为centos7，其他linux版本也大同小异，可参考操作。

1. 下载emacs-25.3.tar.gz到centos，用tar –vxzf 命令解压；
2. 进入解压后的目录，命令：cd emacs-25.3/
3. 使用./configure命令进行配置（可以设定路径）；

由于我安装的是带图形界面的，在进行这一步时，报如下错误：

configure: error: You seem to be running X, but no X development libraries

were found. You should install the relevant development files for X

and for the toolkit you want, such as Gtk+ or Motif. Also make

sure you have development files for image handling, i.e.

tiff, gif, jpeg, png and xpm.

If you are sure you want Emacs compiled without X window support, pass

--without-x

to configure.

意思就是缺少图形界面的支持库，如果不想在图形界面下使用Emacs，可以使用./configure --without-x命令执行（看自己需求，我就只想在命令行使用，还专门修改了启动配置为在非图形界面启动），当然很多人还是想使用图形界面的，那么就需要安装相应的支持库了，报错的提示是安装Gtk+ 或者 Motif，我们安装其中一个即可。

执行命令：yum install gtk3\*

然后再接着执行：./configure

发现又报如下错误：

configure: error: The following required libraries were not found:

libXpm libjpeg libgif/libungif libtiff

Maybe some development libraries/packages are missing?

If you don't want to link with them give

--with-xpm=no --with-jpeg=no --with-gif=no --with-tiff=no

as options to configure

这还是缺少相应库支持的缘故，执行以下命令：

yum install libXpm libXpm-devel libjpeg libjpeg-devel libgif libgif-devel libungif libungif-devel libtiff libtiff-devel

然后再接着执行：./configure

发现又报如下错误：

configure: error: The required function 'tputs' was not found in any library.

The following libraries were tried (in order):

libtinfo, libncurses, libterminfo, libtermcap, libcurses

Please try installing whichever of these libraries is most appropriate

for your system, together with its header files.

For example, a libncurses-dev(el) or similar package.

继续安装支持库，执行以下命令：yum install ncurses-devel

然后再接着执行：./configure

此刻，没有报错信息的出现，用ls命令查看后我们看到了期待已久的Makefile文件，接着执行make和make install命令，静静的等着安装完成。