package name: kexec-tools-2.0.19-12.el8.src.rpm from：BaseOS

错误发生的阶段：

build 阶段

错误信息描述：

/usr/bin/ld: cannot find -lebl

collect2: error: ld returned 1 exit status

make: \*\*\* [Makefile:92: makedumpfile] Error 1

make: Leaving directory '/home/deng/rpmbuild/BUILD/kexec-tools-2.0.19/makedumpfile-1.6.5'

error: Bad exit status from /var/tmp/rpm-tmp.SxIG5m (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.SxIG5m (%build)

处理方法：

根据错误信息： collect2: error: ld returned 1 exit status 根据网上百度的资料表示找不到库文件或者是.h头文件

make: \*\*\* [Makefile:92:makedumpfile ] Error 1 出错地方在Makefile文件的第92行发现并没有过多的问题，然后去找makedumpfile-1.6.5文件夹，将文件夹下makedumpfile.spec复制到SPECS文件夹下然后执行rpmbuild -ba makedumpfile.spec查看报错信息：

print\_info.o dwarf\_info.o elf\_info.o erase\_info.o sadump\_info.o cache.o tools.o arch/arm.o arch/arm64.o arch/x86.o arch/x86\_64.o arch/ia64.o arch/ppc64.o arch/s390x.o arch/ppc.o arch/sparc64.o -rdynamic -o makedumpfile makedumpfile.c -lpthread -static -ldw -lbz2 -lebl -ldl -lelf -lz

/usr/bin/ld: cannot find -lpthread

/usr/bin/ld: cannot find -lbz2

/usr/bin/ld: cannot find -ldl

/usr/bin/ld: cannot find -lc

collect2: error: ld returned 1 exit status

make: \*\*\* [Makefile:93: makedumpfile] Error 1

error: Bad exit status from /var/tmp/rpm-tmp.QKx943 (%build)

在Makefile里第55行LIBS := -static $(LIBS)将库文件指定为静态库，系统中指定的库多为动态图将这行代码和其上下各一行代码进行注释保存退出；然后在运行rpmbuild -ba makedumpfile.spec查看报错信息：

/usr/bin/ld: cannot find -lebl

collect2: error: ld returned 1 exit status

make: \*\*\* [Makefile:92: makedumpfile] Error 1

make: Leaving directory '/home/deng/rpmbuild/BUILD/kexec-tools-2.0.19/makedumpfile-1.6.5'

error: Bad exit status from /var/tmp/rpm-tmp.ufEUB2 (%build)

同上面问题一样找不到libebl.a这个库文件，系统里自带的没有这个文件，这时我们需要查看官方文档。打开makedumpfile-1.6.5文件夹vim README 文件里查看；其中

elfutils-0.142.tar.gz

The "make install" of elfutils installs some commands (ld, readelf, etc.),

and compiling problems sometimes happen due to using the installed

commands. To install only the library & header files, use the following

method:

# tar -zxvf elfutils-0.142.tar.gz

# cd elfutils-0.142

# ./configure

# make

#

# mkdir /usr/local/include/elfutils/

# cp ./libdw/libdw.h /usr/local/include/elfutils/libdw.h

# cp ./libdw/dwarf.h /usr/local/include/dwarf.h

# cp ./libelf/libelf.h /usr/local/include/libelf.h

# cp ./libelf/gelf.h /usr/local/include/gelf.h

#

# cp ./libelf/libelf.a /usr/local/lib/libelf.a

# cp ./libdw/libdw.a /usr/local/lib/libdw.a

# cp ./libasm/libasm.a /usr/local/lib/libasm.a

# cp ./libebl/libebl.a /usr/local/lib/libebl.a

这段描述的就是：elfutils的“make install”安装了一些命令(ld、readelf等)，由于使用了已安装的命令，有时会出现编译问题。要只安装库和头文件，请使用以上命令。

首先我们得找到elfutils-0.142.tar.gz这个包根据elfutils去网上搜索源码包找不到相应的版本就下载一个当前合适的系统版本下来进行rpm -ivh解开包 cd到rpmbuild/SOURCES下找到elfutils-0.XXX.tar.bz2包tar -xjvf 将其解压vim README查看官方文档，然后进入http://elfutils.org/网页找到elfutils-0.142.tar.bz2包进行解压等一系列操作，在./configure会出问题证明该tar包不是和当前版本，使用当前版本的tar包就可以了，除了第一条命令，后续上面的命令进行执行。

之后再rpmbuild -ba kexec-tools.spec就可以了。

处理结果：

[deng@localhost rpmbuild]$ tree \*RPMS

RPMS

└── x86\_64

├── kexec-tools-2.0.19-12.axs8.x86\_64.rpm

├── kexec-tools-debuginfo-2.0.19-12.axs8.x86\_64.rpm

└── kexec-tools-debugsource-2.0.19-12.axs8.x86\_64.rpm

SRPMS

└── kexec-tools-2.0.19-12.axs8.src.rpm

1 directory, 4 files

[deng@localhost rpmbuild]$

处理人：邓贤松

package name: spacewalk-backend-2.8.48-4.module\_el8.1.0+210+a3d63f21.src.rpm from：AppStream

错误发生阶段：

头信息

错误信息描述：

error: attempt to use unversioned python, define %\_\_python to /usr/bin/python2 or /usr/bin/python3 explicitly

error: Macro %pythonrhnroot failed to expand

error: line 34: %global pythonrhnroot %{python\_sitelib}/spacewalk

处理方法：

在/etc/rpm/macros.dist没有定义%\_\_python这个宏，添加这个宏定义成%\_\_python /usr/bin/python2

处理结果：

[deng@localhost rpmbuild]$ tree \*RPMS

RPMS

└── noarch

└── python3-spacewalk-backend-libs-2.8.48-4.axs8.noarch.rpm

SRPMS

└── spacewalk-backend-2.8.48-4.axs8.src.rpm

1 directory, 2 files

处理人：邓贤松

package name:libgexiv2-0.10.8-2.el8.src.rpm from:PowerTools

错误发生阶段：

build阶段

错误信息描述：

gexiv2/gexiv2-metadata-private.h:17:10: fatal error: exiv2/xmp.hpp: No such file or directory

#include <exiv2/xmp.hpp>

^~~~~~~~~~~~~~~

compilation terminated.

make[2]: \*\*\* [Makefile:1085: gexiv2/libgexiv2\_la-gexiv2-metadata-iptc.lo] Error 1

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/gexiv2-0.10.8'

make[1]: \*\*\* [Makefile:1310: all-recursive] Error 1

make: \*\*\* [Makefile:852: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.D0O3Kf (%build)

处理方法：

在gexiv2/gexiv2-metadata-private.h这个头文件里找不到xmp.hpp这个头文件的定义。那我们进入/usr/include/exiv2查看是否有这个头文件？没有！再查看rpm -qa exiv2看看包头的信息exiv2-0.27.2-5.el8.x86\_64在网上找之前办本的源码包进行解压我找的是exiv2-0.26-10.el8.src.rpm用

rpm -ivh 将其解压后得到rpmbuild文件cd 到rpmbuild/SOURCES这个路径下解压tar包tar -zxvf exiv2-0.26.tar.gz。cd到文件夹下使用find . -name xmp.hpp查看这个头文件在往前文件夹的./include/exiv2/xmp.hpp路径下将其复制到/usr/include/exiv2路径下然后重构发现在测试阶段出现问题然后将：

#%check

#make check

#%ldconfig\_scriptlets

这些分别注释掉。

处理结果：

[deng@localhost rpmbuild]$ tree \*RPMS

RPMS

└── x86\_64

├── libgexiv2-0.10.8-2.axs8.x86\_64.rpm

├── libgexiv2-debuginfo-0.10.8-2.axs8.x86\_64.rpm

├── libgexiv2-debugsource-0.10.8-2.axs8.x86\_64.rpm

├── libgexiv2-devel-0.10.8-2.axs8.x86\_64.rpm

└── python3-gexiv2-0.10.8-2.axs8.x86\_64.rpm

SRPMS

└── libgexiv2-0.10.8-2.axs8.src.rpm

1 directory, 6 files

处理人：邓贤松

package name:gstreamer1-plugins-bad-free-1.14.0-5.el8.src.rpm from:AppStream

错误发生阶段：

%files阶段

错误信息描述：

error: Installed (but unpackaged) file(s) found:

/usr/lib/debug/usr/lib64/gstreamer-1.0/libgstcurl.so-1.14.0-5.axs8.x86\_64.debug

/usr/lib64/gstreamer-1.0/libgstcurl.so

RPM build errors:

Macro expanded in comment on line 13: (c=%{gitcommit}; echo ${c:0:5})

Macro expanded in comment on line 29: %{version}.tar.xz

Macro expanded in comment on line 282: %{majorminor}/opencv\_haarcascades/

Macro expanded in comment on line 396: %{majorminor}/libgstvulkan.so

Installed (but unpackaged) file(s) found:

/usr/lib/debug/usr/lib64/gstreamer-1.0/libgstcurl.so-1.14.0-5.axs8.x86\_64.debug

/usr/lib64/gstreamer-1.0/libgstcurl.so

处理方法：

其实这和spec文件中写的“%file”那一块有关，意思是说：rpm包里有这些文件没有在spec文件中没有被包含，但是又被安装，解决办法是：

1. 如果显示很多文件，你可以将这些文件分门别类，用%doc、%config这些宏来指定，其实如果它报错的时候，只显示一两个文件，可以直接把那个文件写在%file下面

2. 进入文件/usr/lib/rpm/macros,找到

%\_\_check\_files         %{\_rpmconfigdir}/check-files %{buildroot}

这一行，把这一行注释掉，然后重新编译。

这两种方法，还是根据自己的需要来选择。

我选择的是将/usr/lib/rpm/macros下的%\_\_check\_files         %{\_rpmconfigdir}/check-files %{buildroot}这行注释掉。

处理结果：

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.xAWnhF

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd gst-plugins-bad-1.14.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/gstreamer1-plugins-bad-free-1.14.0-5.axs8.x86\_64

+ exit 0

[deng@localhost rpmbuild]$ tree \*RPMS

RPMS

└── x86\_64

├── gstreamer1-plugins-bad-free-1.14.0-5.axs8.x86\_64.rpm

├── gstreamer1-plugins-bad-free-debuginfo-1.14.0-5.axs8.x86\_64.rpm

├── gstreamer1-plugins-bad-free-debugsource-1.14.0-5.axs8.x86\_64.rpm

└── gstreamer1-plugins-bad-free-devel-1.14.0-5.axs8.x86\_64.rpm

SRPMS

└── gstreamer1-plugins-bad-free-1.14.0-5.axs8.src.rpm

1 directory, 5 files

处理人：邓贤松

package name:pipewire-0.2.5-1.el8.src.rpm from:AppStream

错误发生阶段：

build阶段

错误信息描述：

./spa/plugins/alsa/alsa-monitor.c:28:10: fatal error: asoundlib.h: No such file or directory

....................................

error: Bad exit status from /var/tmp/rpm-tmp.21QyhZ (%build)

RPM build errors:

Macro expanded in comment on line 7: (c=%{gitcommit}; echo ${c:0:5})

处理方法：

查找asoundlib.h这个头文件，发现这个头文件不在默认的/usr/include或者/usr/local/include下，它在在/usr/include/alsa这个目录下，所以我需要打补丁。备份pipewire-0.2.5这个文件夹为pipewire-0.2.5\_patch文件夹，把alsa-monitor.c、alsa-sink.c、alsa-source.c、alsa-utils.h这几个文件里的#include<asoundlib.h>这行改成#include<alsa/asoundlib.h>然后再执行diff -Nur pipewire-0.2.5 pipewire-0.2.5\_patch >pipewire.patch

cat pipewire.patch查看这个补丁

修改spec文件：

在文件33行添加Patch2: pipewire.patch。

在文件111行添加%patch2 -p1 -b .pipewire

保存并退出；并执行下一步指令

rpmbuild -ba rpmbuild/SPECS/pipewire.spec

处理结果：

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── pipewire-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-debuginfo-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-debugsource-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-devel-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-doc-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-libs-0.2.5-1.axs8.x86\_64.rpm

├── pipewire-utils-0.2.5-1.axs8.x86\_64.rpm

└── pipewire-utils-debuginfo-0.2.5-1.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── pipewire-0.2.5-1.axs8.src.rpm

处理人：邓贤松

package name:rubygem-pg-1.0.0-2.module\_el8.1.0+214+9be47fd7.src.rpm from：AppStream

错误发生阶段：

check阶段

错误信息描述：

error: Bad exit status from /var/tmp/rpm-tmp.EWdhjC (%check)

将一下几行注释掉：

%check

pushd .%{gem\_instdir}

# Set --verbose to show detail log by $VERBOSE.

# See https://github.com/ged/ruby-pg/blob/master/spec/helpers.rb $VERBOSE

# Assign a random port to consider a case of multi builds in parallel in a host.

# https://github.com/ged/ruby-pg/pull/39

PGPORT="$((54321 + ${RANDOM} % 1000))" ruby -S --verbose \

rspec -I$(dirs +1)%{gem\_extdir\_mri} -f d spec

popd

处理结果：

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.0y4IdO

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd pg-1.0.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/rubygem-pg-1.0.0-2.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ vi rpmbuild/SPECS/rubygem-pg.spec

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   └── rubygem-pg-doc-1.0.0-2.axs8.noarch.rpm

└── x86\_64

├── rubygem-pg-1.0.0-2.axs8.x86\_64.rpm

├── rubygem-pg-debuginfo-1.0.0-2.axs8.x86\_64.rpm

└── rubygem-pg-debugsource-1.0.0-2.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── rubygem-pg-1.0.0-2.axs8.src.rpm

2 directories, 5 files

处理人：邓贤松

package name：[brltty-5.6-28.el8.src.rpm](http://mirror.chinaredflag.cn/centos-vault/8.1.1911/AppStream/Source/SPackages/brltty-5.6-28.el8.src.rpm) from：AppStream

错误发生阶段：

build阶段

错误信息描述：

/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.262.b10-0.el8\_2.x86\_64/bin/javac: error while loading shared libraries: libjli.so: cannot open shared object file: Error 40

make[2]: \*\*\* [Makefile:96: classes.made] Error 127

make[2]: Leaving directory '/root/rpmbuild/BUILD/brltty-5.6/python3/Bindings/Java'

make[1]: \*\*\* [Makefile:671: all-api-bindings] Error 1

make[1]: Leaving directory '/root/rpmbuild/BUILD/brltty-5.6/python3/Programs'

make: \*\*\* [Makefile:48: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.UUt7Kx (%build)

处理方法：

这问题是找不着 libjli.so这个动态库，通过ldd java查看/usr/bin/java可执行程序发现

ldd java

linux-vdso.so.1 (0x00007ffef69eb000)

libpthread.so.0 => /lib64/libpthread.so.0 (0x00007fb0e08b6000)

libz.so.1 => /lib64/libz.so.1 (0x00007fb0e069f000)

libjli.so => not found

libdl.so.2 => /lib64/libdl.so.2 (0x00007fb0e0698000)

libc.so.6 => /lib64/libc.so.6 (0x00007fb0e04cf000)

/lib64/ld-linux-x86-64.so.2 (0x00007fb0e0ae3000)

libjli.so这个库确实没有被链接使用，ln -s /usr/lib/jvm/java-1.8.0-openjdk-1.8.0.262.b10-0.el8\_2.x86\_64/lib/amd64/jli/libjli.so /usr/lib64/libjli.so 将/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.262.b10-0.el8\_2.x86\_64/lib/amd64/jli/ ；下的libjli.so软连接到/usr/lib64/文件夹下然后再进入/usr/bin下ldd Java然后看到：

bash-4.4# ldd java

linux-vdso.so.1 (0x00007ffe4b563000)

libpthread.so.0 => /lib64/libpthread.so.0 (0x00007fa985fa1000)

libz.so.1 => /lib64/libz.so.1 (0x00007fa985d8a000)

libjli.so => /lib64/libjli.so (0x00007fa985b7b000)

libdl.so.2 => /lib64/libdl.so.2 (0x00007fa985b74000)

libc.so.6 => /lib64/libc.so.6 (0x00007fa9859ab000)

/lib64/ld-linux-x86-64.so.2 (0x00007fa9861ce000)

然后运行rpmbuild -ba root/rpmbuild/SPECS/brltty.spec命令

处理结果：

bash-4.4# tree root/rpmbuild/\*RPMS

root/rpmbuild/RPMS

├── noarch

│   └── brltty-docs-5.6-28.axs8.noarch.rpm

└── x86\_64

├── brlapi-0.6.7-28.axs8.x86\_64.rpm

├── brlapi-debuginfo-0.6.7-28.axs8.x86\_64.rpm

├── brlapi-devel-0.6.7-28.axs8.x86\_64.rpm

├── brlapi-java-0.6.7-28.axs8.x86\_64.rpm

├── brlapi-java-debuginfo-0.6.7-28.axs8.x86\_64.rpm

├── brltty-5.6-28.axs8.x86\_64.rpm

├── brltty-at-spi2-5.6-28.axs8.x86\_64.rpm

├── brltty-at-spi2-debuginfo-5.6-28.axs8.x86\_64.rpm

├── brltty-debuginfo-5.6-28.axs8.x86\_64.rpm

├── brltty-debugsource-5.6-28.axs8.x86\_64.rpm

├── brltty-dracut-5.6-28.axs8.x86\_64.rpm

├── brltty-espeak-ng-5.6-28.axs8.x86\_64.rpm

├── brltty-espeak-ng-debuginfo-5.6-28.axs8.x86\_64.rpm

├── brltty-xw-5.6-28.axs8.x86\_64.rpm

├── brltty-xw-debuginfo-5.6-28.axs8.x86\_64.rpm

├── ocaml-brlapi-0.6.7-28.axs8.x86\_64.rpm

├── ocaml-brlapi-debuginfo-0.6.7-28.axs8.x86\_64.rpm

├── python3-brlapi-0.6.7-28.axs8.x86\_64.rpm

├── python3-brlapi-debuginfo-0.6.7-28.axs8.x86\_64.rpm

├── tcl-brlapi-0.6.7-28.axs8.x86\_64.rpm

└── tcl-brlapi-debuginfo-0.6.7-28.axs8.x86\_64.rpm

root/rpmbuild/SRPMS

└── brltty-5.6-28.axs8.src.rpm

2 directories, 23 files

处理人：邓贤松

package name：libucil-0.9.10-16.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

ucil\_alsa.c:32:10: fatal error: asoundlib.h: No such file or directory

#include <asoundlib.h>

^~~~~~~~~~~~~

compilation terminated.

make[2]: \*\*\* [Makefile:565: ucil\_alsa.lo] Error 1

make[2]: \*\*\* Waiting for unfinished jobs....

.............................................................

..........................................................

.............................make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/libucil-0.9.10/src'

make[1]: \*\*\* [Makefile:511: all-recursive] Error 1

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/libucil-0.9.10'

make: \*\*\* [Makefile:420: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.VerRhn (%build)

RPM build errors:

bogus date in %changelog: Wed Jul 22 2008 Robert Scheck <robert@fedoraproject.org> 0.2.23-2

Bad exit status from /var/tmp/rpm-tmp.VerRhn (%build)

处理方法：

cd ~/rpmbuild/SOURCES到这个文件夹下

tar -zxvf libucil-0.9.10.tar.gz将tarball包解开

cp libucil-0.9.10 将libucil复制一份下划线为patch的文件夹

cd libucil-0.9.10\_patch到libucil-0.9.10\_patch这个文件夹下

find . -name ucil\_alsa.c查找ucil\_alsa.c这个文件

vi src/ucil\_alsa.c进入文件将<asoundlib.h>改成<sys/asoundlib.h>或<alsa/asoundlib.h>这两个的其中一个，我下选择的是sys下的。然后运行下面这条在指令

diff -Nur libucil-0.9.10 libucil-0.9.10\_patch/ >libucil-0.9.10-add-header.patch生成。patch的补丁文件。之后再

vi ~/rpmbuild/SPECS/libucil.spec打开这个文件在20行和21行添加这两条

# Add the header file path

patch3: libucil-0.9.10-add-header.patch

之后在52行添加下面这句

%patch3 -p1

保存退出然后再rpmbuild -ba ~/rpmbuild/SPECS/libucil.spec 运行一下

处理结果：

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd libucil-0.9.10

+ rm -rf /home/deng/rpmbuild/BUILDROOT/libucil-0.9.10-16.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── libucil-0.9.10-16.axs8.x86\_64.rpm

├── libucil-debuginfo-0.9.10-16.axs8.x86\_64.rpm

├── libucil-debugsource-0.9.10-16.axs8.x86\_64.rpm

└── libucil-devel-0.9.10-16.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── libucil-0.9.10-16.axs8.src.rpm

1 directory, 5 files

处理人：邓贤松

package name：pesign-0.112-25.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

In file included from /usr/include/nss3/cert.h:22,

from efikeygen.c:39:

efikeygen.c: In function 'add\_cert\_type':

/usr/include/nss3/certt.h:445:5: error: unsigned conversion from 'int' to 'unsigned char' changes value from '496' to 240' [-Werror=overflow]

(NS\_CERT\_TYPE\_SSL\_CLIENT | NS\_CERT\_TYPE\_SSL\_SERVER | NS\_CERT\_TYPE\_EMAIL | \

^

efikeygen.c:209:23: note: in expansion of macro 'NS\_CERT\_TYPE\_APP'

unsigned char type = NS\_CERT\_TYPE\_APP;

^~~~~~~~~~~~~~~~

cc1: all warnings being treated as errors

make[1]: \*\*\* [/home/deng/rpmbuild/BUILD/pesign-0.112/Make.rules:33: efikeygen.o] Error 1

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/pesign-0.112/src'

make: \*\*\* [Makefile:26: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.GAAJL4 (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.GAAJL4 (%build)

处理方法：经过翻墙在google上查到是有日志提交将unsigned char type = NS\_CERT\_TYPE\_APP改成int type = NS\_CERT\_TYPE\_APP就行了，此时我们需要打补丁。

cd 到SOURCES文件夹下tar -xjvf pesign-0.112.tar.bz2解开压缩包

将文件夹pesign-0.112复制为pesign-0.112\_patch

vi pesign-0.112\_patch/src/efikeygen.c进入该文件209行根据上述步骤把unsigned char改成int

然后diff -Nur pesign-0.112 pesign-0.112\_patch >0030-Toggle-data-type-to-efikeygen.patch

将文件打成补丁然后 vi ~/rpmbuild/SPECS%autopatch -p1文件，先按照其格式添加

Patch0030：0030-Toggle-data-type-to-efikeygen.patch这行命令

此时我看见这个包它是使用git命令打的补丁我们没有其项目名称和git账号所以我将其git命令全部删除加上%autopatch -p1这条命令将全部的补丁打上。然后运行rpmbuild -ba ~/rpmbuild/SPECS/%autopatch -p1指令。

运行结果：

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd pesign-0.112/

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/pesign-0.112-25.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── pesign-0.112-25.axs8.x86\_64.rpm

├── pesign-debuginfo-0.112-25.axs8.x86\_64.rpm

└── pesign-debugsource-0.112-25.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── pesign-0.112-25.axs8.src.rpm

1 directory, 4 files

处理人：邓贤松

package name：perl-File-HomeDir-1.00-14.module\_el8.1.0+229+cd132df8.src.rpm

from：AppStream

错误发生阶段：

build阶段

错误信息描述：

+ perl Makefile.PL INSTALLDIRS=vendor

Can't locate inc/Module/Install.pm in @INC (you may need to install the inc::Module::Install module) (@INC contains: /usr/local/lib64/perl5 /usr/local/share/perl5 /usr/lib64/perl5/vendor\_perl /usr/share/perl5/vendor\_perl /usr/lib64/perl5 /usr/share/perl5) at Makefile.PL line 1.

BEGIN failed--compilation aborted at Makefile.PL line 1.

error: Bad exit status from /var/tmp/rpm-tmp.nENTqL (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.nENTqL (%build)

处理方法：

Can't locate inc/Module/Install.pm这句话包找不到Install.pm这个文件，可能是缺少这个文件，然后去<https://centos.pkgs.org/>网站搜索它搜到了perl-Module-Install-1.19-2.el8.noarch.rpm这个包，然后使用快捷命令dnf --enablerepo=PowerTools install perl-Module-Install安装。然后

rpmbuild -ba rpmbuild/SPECS/perl-File-HomeDir.spec编译

运行结果:

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd File-HomeDir-1.00

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/perl-File-HomeDir-1.00-14.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── noarch

└── perl-File-HomeDir-1.00-14.axs8.noarch.rpm

rpmbuild/SRPMS

└── perl-File-HomeDir-1.00-14.axs8.src.rpm

1 directory, 2 files

处理人：邓贤松

package name：python-qt5-5.11.2-3.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

The interpreter used by pyuic4 is /usr/bin/python.
Generating the C++ source for the QtCore module...
Error: Unable to create the C++ code.
==> ERROR: A failure occurred in build().
Aborting...

处理方法：

网上去找相应的问题，在谷歌的网站搜索搜到如下网站<https://aur.archlinux.org/pkgbase/pyqt4/>上面有错误日志和我遇到的问题样，不过他的是python-qt4和我们的包不太一样，根据网上提供的补丁发现是argv = [quote(target\_config.sip), '-w', '-n', 'PyQt4.sip', '-f', sip\_flags]这段代码中的 '-f'编译到configure中报错，于是我cd到rpmbuild/SOURCES文件夹下tar -xzvf PyQt5\_gpl-5.11.2.tar.gz解开源码包cd到PyQt5\_gpl-5.11.2文件夹下find . -name configure-ng.py查找configure-ng.py文件发现并没有这个文件，所以找相似的文件vi 进入 configure.py文件复制该网页中的# Build the SIP command line.这个备注。在2529行找到一下代码：

if fatal\_warnings:

argv.append('-f')

将其注释掉，并将其重命名为python-qt5\_sipdir.patch然后再tar -xzvf PyQt5\_gpl-5.11.2.tar.gz重新解压一份，然后diff -Nur PyQt5\_gpl-5.11.2 PyQt5\_gpl-5.11.2\_patch/ >PyQt5-Eliminate-warnings.patch生成补丁文件 cat PyQt5-Eliminate-warnings.patch 查看补丁内容如下：

diff -Nur PyQt5\_gpl-5.11.2/configure.py PyQt5\_gpl-5.11.2\_patch/configure.py

--- PyQt5\_gpl-5.11.2/configure.py 2018-06-29 07:48:34.000000000 -0400

+++ PyQt5\_gpl-5.11.2\_patch/configure.py 2020-08-16 21:21:05.748029728 -0400

@@ -2526,8 +2526,8 @@

argv.extend(sip\_flags)

- if fatal\_warnings:

- argv.append('-f')

+ #if fatal\_warnings:

+ #argv.append('-f')

# Make sure any unknown Qt version gets treated as the latest Qt v5.

argv.append('-B')

然后进入spec文件里，

vim root/rpmbuild/SPECS/python-qt5.spec

在55行添加如下

# Eliminate warnings caused by -F

Patch3:PyQt5-Eliminate-warnings.patch

在260行添加如下：

%patch3 -p1 -b .warnings

然后rpmbuild -ba root/rpmbuild/SPECS/python-qt5.spec 编译运行，

运行结果:

+ umask 022

+ cd /root/rpmbuild/BUILD

+ cd PyQt5\_gpl-5.11.2

+ /usr/bin/rm -rf /root/rpmbuild/BUILDROOT/python-qt5-5.11.2-3.axs8.x86\_64

+ exit 0

bash-4.4# tree root/rpmbuild/\*RPMS

root/rpmbuild/RPMS

├── noarch

│   ├── python-qt5-doc-5.11.2-3.axs8.noarch.rpm

│   └── python-qt5-rpm-macros-5.11.2-3.axs8.noarch.rpm

└── x86\_64

├── python3-qt5-5.11.2-3.axs8.x86\_64.rpm

├── python3-qt5-base-5.11.2-3.axs8.x86\_64.rpm

├── python3-qt5-base-debuginfo-5.11.2-3.axs8.x86\_64.rpm

├── python3-qt5-debuginfo-5.11.2-3.axs8.x86\_64.rpm

├── python3-qt5-devel-5.11.2-3.axs8.x86\_64.rpm

└── python-qt5-debugsource-5.11.2-3.axs8.x86\_64.rpm

root/rpmbuild/SRPMS

└── python-qt5-5.11.2-3.axs8.src.rpm

2 directories, 9 files

处理人：邓贤松

package name：gnome-color-manager-3.28.0-1.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

../src/gcm-helper-exiv.cpp: In function 'int main(int, char\* const\*)':

../src/gcm-helper-exiv.cpp:56:49: error: no matching function for call to 'Exiv2::BasicError<char>::BasicError(int, const char [22])'

throw Exiv2::Error(1, "No filename specified");

^

In file included from ../src/gcm-helper-exiv.cpp:24:

/usr/include/exiv2/error.hpp:280:16: note: candidate: 'template<class A, class B, class C> Exiv2::BasicError<charT>::BasicError(Exiv2::ErrorCode, const A&, const B&, const C&)'

inline BasicError(ErrorCode code, const A& arg1, const B& arg2, const C& arg3);

^~~~~~~~~~

/usr/include/exiv2/error.hpp:280:16: note: template argument deduction/substitution failed:

../src/gcm-helper-exiv.cpp:56:49: note: candidate expects 4 arguments, 2 provided

throw Exiv2::Error(1, "No filename specified");

^

In file included from ../src/gcm-helper-exiv.cpp:24:

/usr/include/exiv2/error.hpp:276:16: note: candidate: 'template<class A, class B> Exiv2::BasicError<charT>::BasicError(Exiv2::ErrorCode, const A&, const B&)'

inline BasicError(ErrorCode code, const A& arg1, const B& arg2);

^~~~~~~~~~

/usr/include/exiv2/error.hpp:276:16: note: template argument deduction/substitution failed:

../src/gcm-helper-exiv.cpp:56:49: note: candidate expects 3 arguments, 2 provided

throw Exiv2::Error(1, "No filename specified");

^

In file included from ../src/gcm-helper-exiv.cpp:24:

/usr/include/exiv2/error.hpp:272:16: note: candidate: 'template<class A> Exiv2::BasicError<charT>::BasicError(Exiv2::ErrorCode, const A&)'

inline BasicError(ErrorCode code, const A& arg1);

^~~~~~~~~~

/usr/include/exiv2/error.hpp:272:16: note: template argument deduction/substitution failed:

../src/gcm-helper-exiv.cpp:56:49: note: cannot convert '1' (type 'int') to type 'Exiv2::ErrorCode'

throw Exiv2::Error(1, "No filename specifie

处理方法：

首先先将<exiv2/error.hpp>文件天骄到SOURCES文件夹下的gnome-color-manager-3.28.0\_patch/src/gcm-helper-exiv.cpp里然后打补丁，之前已经打过很多来这里不在赘述，然后遇到上面的问题，网上查找资料，找到如下这篇文章：

<https://sourceforge.net/p/nufraw/discussion/bugs/thread/b92ae43c13/?limit=25>

根据他的提到：

Got a response from one of the exiv2 devs - he hopes to produce 0.27.1-rc1 in a couple of weeks, with a release at the end of March. Meanwhile, I've installed 0.26 in /opt, put that at the fromt of PKG\_CONFIG\_PATH and got nufraw installed and working.

If anyone gets a similar problem, I recommend dropping back to exiv2-0.26 for the moment.

不要安装exiv2-libs-0.27的包去安装exiv2-libs-0.26的包。

运行结果：

Wrote: /home/deng/rpmbuild/SRPMS/gnome-color-manager-3.28.0-1.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gnome-color-manager-3.28.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gnome-color-manager-debugsource-3.28.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gnome-color-manager-debuginfo-3.28.0-1.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.bthqhW

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd gnome-color-manager-3.28.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/gnome-color-manager-3.28.0-1.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── gnome-color-manager-3.28.0-1.axs8.x86\_64.rpm

├── gnome-color-manager-debuginfo-3.28.0-1.axs8.x86\_64.rpm

└── gnome-color-manager-debugsource-3.28.0-1.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── gnome-color-manager-3.28.0-1.axs8.src.rpm

1 directory, 4 files

处理人：邓贤松

file included from /usr/include/llvm/ExecutionEngine/MCJIT.h:17,

from /home/deng/rpmbuild/BUILD/bcc-0.8.0/src/cc/bpf\_module.cc:24:

/usr/include/llvm/ExecutionEngine/ExecutionEngine.h:668:6: note: declared here

void EngineBuilder::setUseOrcMCJITReplacement(bool UseOrcMCJITReplacement) {

^~~~~~~~~~~~~

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/bcc-0.8.0'

make[1]: \*\*\* [CMakeFiles/Makefile2:276: src/cc/CMakeFiles/bcc-shared.dir/all] Error 2

make[1]: \*\*\* Waiting for unfinished jobs....

make[2]: Entering directory '/home/deng/rpmbuild/BUILD/bcc-0.8.0'

package name：bcc-0.8.0-4.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

报找不到llvm-fing

处理结果：

Wrote: /home/cargo/rpmbuild/RPMS/x86\_64/bcc-debuginfo-0.8.0-4.axs8.x86\_64.rpm

Wrote: /home/cargo/rpmbuild/RPMS/x86\_64/bcc-tools-debuginfo-0.8.0-4.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.M15Xq4

+ umask 022

+ cd /home/cargo/rpmbuild/BUILD

+ cd bcc-0.8.0

+ /usr/bin/rm -rf /home/cargo/rpmbuild/BUILDROOT/bcc-0.8.0-4.axs8.x86\_64

+ exit 0

[cargo@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   └── bcc-doc-0.8.0-4.axs8.noarch.rpm

└── x86\_64

├── bcc-0.8.0-4.axs8.x86\_64.rpm

├── bcc-debuginfo-0.8.0-4.axs8.x86\_64.rpm

├── bcc-debugsource-0.8.0-4.axs8.x86\_64.rpm

├── bcc-devel-0.8.0-4.axs8.x86\_64.rpm

├── bcc-tools-0.8.0-4.axs8.x86\_64.rpm

├── bcc-tools-debuginfo-0.8.0-4.axs8.x86\_64.rpm

└── python3-bcc-0.8.0-4.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── bcc-0.8.0-4.axs8.src.rpm

2 directories, 9 files

处理人：邓贤松

package name：gstreamer1-plugins-good-1.14.0-4.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

FAILED: sys/v4l2/ee6e745@@gstvideo4linux2@sha/gstv4l2allocator.c.o
cc -Isys/v4l2/ee6e745@@gstvideo4linux2@sha -Isys/v4l2 -I../sys/v4l2 -I. -I../ -I../gst-libs -I/usr/include/gstreamer-1.0 -I/usr/include/glib-2.0 -I/usr/lib/x86\_64-linux-gnu/glib-2.0/include -I/usr/lib/x86\_64-linux-gnu/libffi-3.2.1/include -I/usr/include/orc-0.4 -fdiagnostics-color=always -pipe -D\_FILE\_OFFSET\_BITS=64 -fvisibility=hidden -fno-strict-aliasing -DG\_DISABLE\_CAST\_CHECKS -Wmissing-declarations -Wredundant-decls -Wwrite-strings -Winit-self -Wmissing-include-dirs -Wno-multichar -Wvla -Wpointer-arith -Wmissing-prototypes -Wdeclaration-after-statement -Wold-style-definition -Waggregate-return -O2 -g -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -fPIC -pthread -DHAVE\_CONFIG\_H -MD -MQ 'sys/v4l2/ee6e745@@gstvideo4linux2@sha/gstv4l2allocator.c.o' -MF 'sys/v4l2/ee6e745@@gstvideo4linux2@sha/gstv4l2allocator.c.o.d' -o 'sys/v4l2/ee6e745@@gstvideo4linux2@sha/gstv4l2allocator.c.o' -c ../sys/v4l2/gstv4l2allocator.c
In file included from ../sys/v4l2/ext/videodev2.h:63,
from ../sys/v4l2/gstv4l2allocator.c:28:
../sys/v4l2/ext/types-compat.h:48:15: error: conflicting types for â€˜gint64â€™
48 | #define \_\_s64 gint64
| ^~~~~~
In file included from /usr/include/glib-2.0/glib/gtypes.h:32,
from /usr/include/glib-2.0/glib/galloca.h:32,
from /usr/include/glib-2.0/glib.h:30,
from ../sys/v4l2/ext/types-compat.h:22,
from ../sys/v4l2/ext/videodev2.h:63,
from ../sys/v4l2/gstv4l2allocator.c:28:
/usr/lib/x86\_64-linux-gnu/glib-2.0/include/glibconfig.h:61:21: note: previous declaration of â€˜gint64â€™ was here
61 | typedef signed long gint64;
| ^~~~~~
In file included from ../sys/v4l2/ext/videodev2.h:63,
from ../sys/v4l2/gstv4l2allocator.c:28:
../sys/v4l2/ext/types-compat.h:44:15: error: conflicting types for â€˜guint64â€™
44 | #define \_\_u64 guint64
| ^~~~~~~
In file included from /usr/include/glib-2.0/glib/gtypes.h:32,
from /usr/include/glib-2.0/glib/galloca.h:32,
from /usr/include/glib-2.0/glib.h:30,
from ../sys/v4l2/ext/types-compat.h:22,
from ../sys/v4l2/ext/videodev2.h:63,
from ../sys/v4l2/gstv4l2allocator.c:28:
/usr/lib/x86\_64-linux-gnu/glib-2.0/include/glibconfig.h:62:23: note: previous declaration of â€˜guint64â€™ was here
62 | typedef unsigned long guint64;
| ^~~~~~~

解决方案：

根据错误类型我们得知时变量定义冲突：我将其报错信息在谷歌上搜索，找到了如下的网址：

<https://gitlab.freedesktop.org/gstreamer/gst-plugins-good/-/issues/635>，其中有一个评论时这样写的：Another option is to add a meson check for linux/types.h, these fundamental types has been around forever, so I'm not worried, and then change the compat file to:

#ifdef HAVE\_LINUX\_TYPE\_H
#include <linux/types.h>
#else
/\* the current compat hack, or another header if you know one that would work on BSD \*/
#endif
按照其描述我将源码包解开：进入到~/rpmbuild/SOURCES/gst-plugins-good-1.14.0\_patch/sys/v4l2/ext这个文件夹下vim types-compat.h里面：添加以上命令：

#ifdef HAVE\_LINUX\_TYPE\_H
#include <linux/types.h>
#else
/\* the current compat hack, or another header if you know one that would work on BSD \*/
#endif

然后打上补丁发现还是同样的问题我就判断是#ifdef HAVE\_LINUX\_TYPE\_H这个条件编译没有执行，这是官方的补丁，我也具体不知道这个条件编译是在哪定义的所以我将其删除只剩#include <linux/types.h>这个添加都文件然后再重新打补丁。

运行结果如下：

Wrote: /home/deng/rpmbuild/SRPMS/gstreamer1-plugins-good-1.14.0-4.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gstreamer1-plugins-good-1.14.0-4.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gstreamer1-plugins-good-gtk-1.14.0-4.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gstreamer1-plugins-good-debugsource-1.14.0-4.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gstreamer1-plugins-good-debuginfo-1.14.0-4.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/gstreamer1-plugins-good-gtk-debuginfo-1.14.0-4.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.nwLwxC

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd gst-plugins-good-1.14.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/gstreamer1-plugins-good-1.14.0-4.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── gstreamer1-plugins-good-1.14.0-4.axs8.x86\_64.rpm

├── gstreamer1-plugins-good-debuginfo-1.14.0-4.axs8.x86\_64.rpm

├── gstreamer1-plugins-good-debugsource-1.14.0-4.axs8.x86\_64.rpm

├── gstreamer1-plugins-good-gtk-1.14.0-4.axs8.x86\_64.rpm

└── gstreamer1-plugins-good-gtk-debuginfo-1.14.0-4.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── gstreamer1-plugins-good-1.14.0-4.axs8.src.rpm

1 directory, 6 files

处理人：邓贤松

package name：mutter-3.32.2-10.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

.......................................................................................

......................................~~~~~

../cogl/cogl/cogl-texture-2d.c:431:43: error: 'EGL\_WAYLAND\_BUFFER\_WL' undeclared (first use in this function); did you mean 'EGL\_TRIPLE\_BUFFER\_NV'?

EGL\_WAYLAND\_BUFFER\_WL,

^~~~~~~~~~~~~~~~~~~~~

EGL\_TRIPLE\_BUFFER\_NV

....................................................................................................................

........................~~~

ninja: build stopped: subcommand failed.

error: Bad exit status from /var/tmp/rpm-tmp.5eJOQE (%build)

RPM build errors:

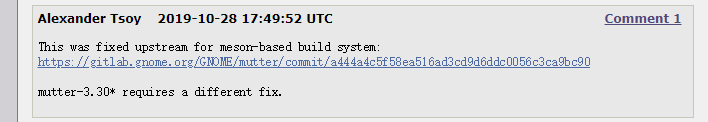
Bad exit status from /var/tmp/rpm-tmp.5eJOQE (%build)

处理方法：

根据错误类型我们选择error: 'EGL\_WAYLAND\_BUFFER\_WL' undeclared (first use in this function); did you mean 'EGL\_TRIPLE\_BUFFER\_NV'?来进行搜索，再翻墙到谷歌去搜索搜到了如下网站：

<https://bugs.gentoo.org/698736>

并找到了如下链接：



并打开网址：<https://gitlab.gnome.org/GNOME/mutter/commit/a444a4c5f58ea516ad3cd9d6ddc0056c3ca9bc90>

根据问题提示：The eglext.h shipped by libglvnd does not include the Mesa extensions,
unlike the header shipped in Mesa.

我们知道新版的libglvnd库不再提供eglext.h文件，所以需要我们自己打补丁

根据步骤进行打补丁

处理结果：

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.OgWeHV

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd mutter-3.32.2

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/mutter-3.32.2-10.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── mutter-3.32.2-10.axs8.x86\_64.rpm

├── mutter-debuginfo-3.32.2-10.axs8.x86\_64.rpm

├── mutter-debugsource-3.32.2-10.axs8.x86\_64.rpm

├── mutter-devel-3.32.2-10.axs8.x86\_64.rpm

├── mutter-tests-3.32.2-10.axs8.x86\_64.rpm

└── mutter-tests-debuginfo-3.32.2-10.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── mutter-3.32.2-10.axs8.src.rpm

1 directory, 7 files

处理人：邓贤松

package name：mutter-3.32.2-11.el8\_1.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

.......................................................................................

......................................~~~~~

../cogl/cogl/cogl-texture-2d.c:431:43: error: 'EGL\_WAYLAND\_BUFFER\_WL' undeclared (first use in this function); did you mean 'EGL\_TRIPLE\_BUFFER\_NV'?

EGL\_WAYLAND\_BUFFER\_WL,

^~~~~~~~~~~~~~~~~~~~~

EGL\_TRIPLE\_BUFFER\_NV

....................................................................................................................

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ninja: build stopped: subcommand failed.

error: Bad exit status from /var/tmp/rpm-tmp.5eJOQE (%build)

RPM build errors:

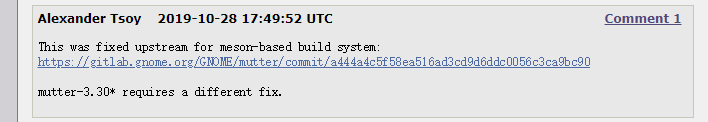
Bad exit status from /var/tmp/rpm-tmp.5eJOQE (%build)

处理方法：

根据错误类型我们选择error: 'EGL\_WAYLAND\_BUFFER\_WL' undeclared (first use in this function); did you mean 'EGL\_TRIPLE\_BUFFER\_NV'?来进行搜索，再翻墙到谷歌去搜索搜到了如下网站：

<https://bugs.gentoo.org/698736>

并找到了如下链接：



并打开网址：<https://gitlab.gnome.org/GNOME/mutter/commit/a444a4c5f58ea516ad3cd9d6ddc0056c3ca9bc90>

根据问题提示：The eglext.h shipped by libglvnd does not include the Mesa extensions,
unlike the header shipped in Mesa.

我们知道新版的libglvnd库不再提供eglext.h文件，所以需要我们自己打补丁

根据步骤进行打补丁

处理结果：

Requires(rpmlib): rpmlib(CompressedFileNames) <= 3.0.4-1 rpmlib(FileDigests) <= 4.6.0-1 rpmlib(PayloadFilesHavePrefix) <= 4.0-1

Recommends: mutter-debugsource(x86-64) = 3.32.2-11.axs8\_1

Checking for unpackaged file(s): /usr/lib/rpm/check-files /home/deng/rpmbuild/BUILDROOT/mutter-3.32.2-11.axs8\_1.x86\_64

Wrote: /home/deng/rpmbuild/SRPMS/mutter-3.32.2-11.axs8\_1.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-3.32.2-11.axs8\_1.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-devel-3.32.2-11.axs8\_1.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-tests-3.32.2-11.axs8\_1.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-debugsource-3.32.2-11.axs8\_1.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-debuginfo-3.32.2-11.axs8\_1.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/mutter-tests-debuginfo-3.32.2-11.axs8\_1.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.AgxZhq

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd mutter-3.32.2

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/mutter-3.32.2-11.axs8\_1.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── mutter-3.32.2-11.axs8\_1.x86\_64.rpm

├── mutter-debuginfo-3.32.2-11.axs8\_1.x86\_64.rpm

├── mutter-debugsource-3.32.2-11.axs8\_1.x86\_64.rpm

├── mutter-devel-3.32.2-11.axs8\_1.x86\_64.rpm

├── mutter-tests-3.32.2-11.axs8\_1.x86\_64.rpm

└── mutter-tests-debuginfo-3.32.2-11.axs8\_1.x86\_64.rpm

rpmbuild/SRPMS

└── mutter-3.32.2-11.axs8\_1.src.rpm

1 directory, 7 files

处理人：邓贤松

package name：cogl-1.22.2-10.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

cogl-texture-2d.c: In function 'cogl\_wayland\_texture\_2d\_new\_from\_buffer':

cogl-texture-2d.c:392:11: warning: implicit declaration of function '\_cogl\_egl\_query\_wayland\_buffer'; did you mean '\_cogl\_get\_read\_framebuffer'? [-Wimplicit-function-declaration]

if (\_cogl\_egl\_query\_wayland\_buffer (ctx,

^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

\_cogl\_get\_read\_framebuffer

cogl-texture-2d.c:430:43: error: 'EGL\_WAYLAND\_BUFFER\_WL' undeclared (first use in this function); did you mean 'EGL\_TRIPLE\_BUFFER\_NV'?

EGL\_WAYLAND\_BUFFER\_WL,

^~~~~~~~~~~~~~~~~~~~~

EGL\_TRIPLE\_BUFFER\_NV

cogl-texture-2d.c:430:43: note: each undeclared identifier is reported only once for each function it appears in

........................................................................................................

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..............................................................................................

make[4]: Leaving directory '/home/deng/rpmbuild/BUILD/cogl-1.22.2/cogl'

make[3]: \*\*\* [Makefile:1837: all-recursive] Error 1

make[3]: Leaving directory '/home/deng/rpmbuild/BUILD/cogl-1.22.2/cogl'

make[2]: \*\*\* [Makefile:1258: all] Error 2

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/cogl-1.22.2/cogl'

make[1]: \*\*\* [Makefile:597: all-recursive] Error 1

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/cogl-1.22.2'

make: \*\*\* [Makefile:524: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.xVQ5GQ (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.xVQ5GQ (%build)

处理方法：

根据错误类型和上述两列错误类型是一样的，但是按照上面的步骤去安装这个包会出现问题，因为包不同，里面的路径和文件夹都对不上，对此我根据上述网站点击路径查找知道了如下网站：

<https://gitlab.gnome.org/GNOME/cogl/-/commit/ff5dfc658042115392d9215a40afab3636b8461a>

根据这个网站上的补丁内容进行修改然后打补丁。打完 补丁后运行rpmbuild -ba rpmbuild/SPECS/cogl.spec命令，结果遇到missing: line 81: aclocal-1.14: command not found这样的错误我在百度上搜到了同样的问题；根据处理方法cd 到~/rpmbuild/SOURCES

下根据自己打的补丁进入tarball包解压后做出修改的文件夹下执行 sudo autoreconf -vfi命令。

然后重新打上补丁执行rpmbuild -ba rpmbuild/SPECS/cogl.spec命令，编译结果出错遇到如下问题：

In file included from ./cogl-texture-private.h:42,

from ./winsys/cogl-texture-pixmap-x11-private.h:45,

from ./winsys/cogl-winsys-private.h:39,

from cogl-context.c:37:

./cogl-egl-defines.h:38:10: fatal error: EGL/eglmesaext.h: No such file or directory

#include <EGL/eglmesaext.h>

^~~~~~~~~~~~~~~~~~

根据错误提示信息，我们需要去找cogl-egl-defines.h这个头文件，执行命令sudo find / -name cogl-egl-defines.h运行结果如下：

/home/deng/rpmbuild/BUILD/cogl-1.22.2/cogl/cogl-egl-defines.h

/usr/include/cogl/cogl/cogl-egl-defines.h

发现这个文件并没有在tallball解压的文件里，BUILD文件夹是编译spec文件时生成的，所以我们需要去/usr/include/cogl/cogl/cogl-egl-defines.h打开这个头文件发现其并没有加上EGL/eglmesaext.h这个头文件所以我手动添加头文件#include <EGL/eglmesaext.h>。并再次使用find命令find / -name eglmesaext.h查找是否有这个头文件，结果并没有查到，根据eglmesaext.h这个头文件去<https://pkgs.org/>这个网站上搜索搜到了mesa-libEGL-19.3.4-2.el8.x86\_64.rpm这个依赖包，sudo dnf -y install mesa-libEGL-devel安装这个包，安装完成再执行rpmbuild -ba rpmbuild/SPECS/cogl.spec命令。运行结果：

Wrote: /home/deng/rpmbuild/SRPMS/cogl-1.22.2-10.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-1.22.2-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-devel-1.22.2-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/cogl-doc-1.22.2-10.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-tests-1.22.2-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-debugsource-1.22.2-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-debuginfo-1.22.2-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/cogl-tests-debuginfo-1.22.2-10.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.2QdasC

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd cogl-1.22.2

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/cogl-1.22.2-10.axs8.x86\_64

+ exit 0

[deng@localhost ~]$

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   └── cogl-doc-1.22.2-10.axs8.noarch.rpm

└── x86\_64

├── cogl-1.22.2-10.axs8.x86\_64.rpm

├── cogl-debuginfo-1.22.2-10.axs8.x86\_64.rpm

├── cogl-debugsource-1.22.2-10.axs8.x86\_64.rpm

├── cogl-devel-1.22.2-10.axs8.x86\_64.rpm

├── cogl-tests-1.22.2-10.axs8.x86\_64.rpm

└── cogl-tests-debuginfo-1.22.2-10.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── cogl-1.22.2-10.axs8.src.rpm

2 directories, 8 files

处理人：邓贤松

package name：xorg-x11-server-1.20.3-8.el8.src.rpm from：Appstream

错误发生阶段：

build阶段

错误信息描述：

configure: error: Package requirements (glproto >= 1.4.17 gl >= 9.2.0) were not met:

Package dependency requirement 'gl >= 9.2.0' could not be satisfied.

Package 'gl' has version '1.2', required version is '>= 9.2.0'

Consider adjusting the PKG\_CONFIG\_PATH environment variable if you

installed software in a non-standard prefix.

Alternatively, you may set the environment variables GL\_CFLAGS

and GL\_LIBS to avoid the need to call pkg-config.

See the pkg-config man page for more details.

error: Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

处理过程：

根据报错信息我在国内百度上和国外谷歌上进行搜索，发现并没有关于这个包的补丁只是在<https://gitlab.freedesktop.org/xorg/xserver/-/issues/893>这篇文章中有提及相关的错误信息

，根据这里面的内容：“When using mesa with libglvnd support, mesa will no longer install the gl, glx, egl pkg-config files but instead let libglvnd provide them. libglvnd maintainers decided to change the versioning as it was mesa-specific previously. Now the libraries have versions of the API they expose[1]. This causes problems when building the X server:”

我去我们内网找到了[libglvnd-1.0.1-0.9.git5baa1e5.el8.src.rpm](http://mirror.chinaredflag.cn/centos-vault/8.1.1911/AppStream/Source/SPackages/libglvnd-1.0.1-0.9.git5baa1e5.el8.src.rpm) 这个源码包下载并再系统里卸载dnf remove libglvnd-1:1.2.0-6.el8.x86\_64.rpm依赖，将源码包解开根据<https://github.com/NVIDIA/libglvnd/commit/0dfaea2bcb7cdcc785f95e244223bd004a2d7fba>网站上的信息进行打补丁，并将其编译成el8的包，然后再安装相关依赖；再rpm -ivh xorg-x11-server-1.20.3-8.el8.src.rpm借来源码包，并将其编译。

运行结果：

Wrote: /home/deng/rpmbuild/SRPMS/xorg-x11-server-1.20.3-8.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-common-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xorg-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xnest-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xdmx-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xvfb-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xephyr-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xwayland-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-devel-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/xorg-x11-server-source-1.20.3-8.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-debugsource-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xorg-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xnest-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xdmx-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xvfb-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xephyr-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/xorg-x11-server-Xwayland-debuginfo-1.20.3-8.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.AyQQBg

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd xorg-server-1.20.3

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/xorg-x11-server-1.20.3-8.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   └── xorg-x11-server-source-1.20.3-8.axs8.noarch.rpm

└── x86\_64

├── xorg-x11-server-common-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-debugsource-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-devel-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xdmx-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xdmx-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xephyr-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xephyr-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xnest-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xnest-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xorg-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xorg-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xvfb-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xvfb-debuginfo-1.20.3-8.axs8.x86\_64.rpm

├── xorg-x11-server-Xwayland-1.20.3-8.axs8.x86\_64.rpm

└── xorg-x11-server-Xwayland-debuginfo-1.20.3-8.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── xorg-x11-server-1.20.3-8.axs8.src.rpm

2 directories, 18 files

处理人：邓贤松

package name：tigervnc-1.9.0-10.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

同xorg-x11-server-1.20.3-8.el8.src.rpm

configure: error: Package requirements (glproto >= 1.4.17 gl >= 9.2.0) were not met:

Package dependency requirement 'gl >= 9.2.0' could not be satisfied.

Package 'gl' has version '1.2', required version is '>= 9.2.0'

Consider adjusting the PKG\_CONFIG\_PATH environment variable if you

installed software in a non-standard prefix.

Alternatively, you may set the environment variables GL\_CFLAGS

and GL\_LIBS to avoid the need to call pkg-config.

See the pkg-config man page for more details.

error: Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

处理过程：

同xorg-x11-server-1.20.3-8.el8.src.rpm

处理结果：

Wrote: /home/deng/rpmbuild/SRPMS/tigervnc-1.9.0-10.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-server-applet-1.9.0-10.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-license-1.9.0-10.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-icons-1.9.0-10.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debugsource-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debuginfo-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-debuginfo-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-debuginfo-1.9.0-10.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-debuginfo-1.9.0-10.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.KWR7rx

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd tigervnc-1.9.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/tigervnc-1.9.0-10.axs8.x86\_64

+ exit 0

处理人：邓贤松

package name：tigervnc-1.9.0-12.el8\_1.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

同xorg-x11-server-1.20.3-8.el8.src.rpm

configure: error: Package requirements (glproto >= 1.4.17 gl >= 9.2.0) were not met:

Package dependency requirement 'gl >= 9.2.0' could not be satisfied.

Package 'gl' has version '1.2', required version is '>= 9.2.0'

Consider adjusting the PKG\_CONFIG\_PATH environment variable if you

installed software in a non-standard prefix.

Alternatively, you may set the environment variables GL\_CFLAGS

and GL\_LIBS to avoid the need to call pkg-config.

See the pkg-config man page for more details.

error: Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

处理过程：

同xorg-x11-server-1.20.3-8.el8.src.rpm

处理结果：

ROOT/tigervnc-1.9.0-12.axs8.x86\_64

Wrote: /home/deng/rpmbuild/SRPMS/tigervnc-1.9.0-12.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-server-applet-1.9.0-12.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-license-1.9.0-12.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-icons-1.9.0-12.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debugsource-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debuginfo-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-debuginfo-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-debuginfo-1.9.0-12.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-debuginfo-1.9.0-12.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.1X25Ez

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd tigervnc-1.9.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/tigervnc-1.9.0-12.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   ├── tigervnc-icons-1.9.0-12.axs8.noarch.rpm

│   ├── tigervnc-license-1.9.0-12.axs8.noarch.rpm

│   └── tigervnc-server-applet-1.9.0-12.axs8.noarch.rpm

└── x86\_64

├── tigervnc-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-debuginfo-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-debugsource-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-server-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-server-debuginfo-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-server-minimal-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-server-minimal-debuginfo-1.9.0-12.axs8.x86\_64.rpm

├── tigervnc-server-module-1.9.0-12.axs8.x86\_64.rpm

└── tigervnc-server-module-debuginfo-1.9.0-12.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── tigervnc-1.9.0-12.axs8.src.rpm

2 directories, 13 files

处理人：邓贤松

package name：tigervnc-1.9.0-14.el8\_1.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

同xorg-x11-server-1.20.3-8.el8.src.rpm

configure: error: Package requirements (glproto >= 1.4.17 gl >= 9.2.0) were not met:

Package dependency requirement 'gl >= 9.2.0' could not be satisfied.

Package 'gl' has version '1.2', required version is '>= 9.2.0'

Consider adjusting the PKG\_CONFIG\_PATH environment variable if you

installed software in a non-standard prefix.

Alternatively, you may set the environment variables GL\_CFLAGS

and GL\_LIBS to avoid the need to call pkg-config.

See the pkg-config man page for more details.

error: Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.bDXLVW (%build)

处理过程：

同xorg-x11-server-1.20.3-8.el8.src.rpm

处理结果

Wrote: /home/deng/rpmbuild/SRPMS/tigervnc-1.9.0-14.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-server-applet-1.9.0-14.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-license-1.9.0-14.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/tigervnc-icons-1.9.0-14.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debugsource-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-debuginfo-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-debuginfo-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-minimal-debuginfo-1.9.0-14.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/tigervnc-server-module-debuginfo-1.9.0-14.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.2zOEhx

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd tigervnc-1.9.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/tigervnc-1.9.0-14.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   ├── tigervnc-icons-1.9.0-14.axs8.noarch.rpm

│   ├── tigervnc-license-1.9.0-14.axs8.noarch.rpm

│   └── tigervnc-server-applet-1.9.0-14.axs8.noarch.rpm

└── x86\_64

├── tigervnc-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-debuginfo-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-debugsource-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-server-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-server-debuginfo-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-server-minimal-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-server-minimal-debuginfo-1.9.0-14.axs8.x86\_64.rpm

├── tigervnc-server-module-1.9.0-14.axs8.x86\_64.rpm

└── tigervnc-server-module-debuginfo-1.9.0-14.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── tigervnc-1.9.0-14.axs8.src.rpm

2 directories, 13 files

处理人：邓贤松

package name：gcc-toolset-9-dyninst-10.1.0-1.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

[ 86%] Linking CXX shared library libtestinstruction.so

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/testinstruction.dir/link.txt --verbose=1

/usr/bin/c++ -fPIC -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -std=c++11 -Wl,-z,relro -Wl,-z,now -specs=/usr/lib/rpm/redhat/redhat-hardened-ld -shared -Wl,-soname,libtestinstruction.so -o libtestinstruction.so CMakeFiles/testinstruction.dir/src/instruction/instruction\_comp.C.o libtestSuite.so ../install/usr/lib64/dyninst/libinstructionAPI.so.10.1.0 ../install/usr/lib64/dyninst/libsymtabAPI.so.10.1.0 ../install/usr/lib64/dyninst/libcommon.so.10.1.0 /usr/lib64/libboost\_system.so -lpthread -ldl /usr/lib64/libxml2.so -l../install/usr/lib64/libtbbmalloc\_proxy.so /usr/lib64/libtbbmalloc.so /usr/lib64/libtbb.so

/usr/bin/ld: cannot find -l../install/usr/lib64/libtbbmalloc\_proxy.so

collect2: error: ld returned 1 exit status

make[2]: \*\*\* [CMakeFiles/testinstruction.dir/build.make:95: libtestinstruction.so] Error 1

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

make[1]: \*\*\* [CMakeFiles/Makefile2:5640: CMakeFiles/testinstruction.dir/all] Error 2

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/JUnitOutputDriver.cpp: In function 'std::\_\_cxx11::string compilerString(RunGroup\*)':

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/JUnitOutputDriver.cpp:69:31: warning: comparison with string literal results in unspecified behavior [-Waddress]

if(group->compiler != "") {

^~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/StdOutputDriver.C:354:11: warning: 'out' may be used uninitialized in this function [-Wmaybe-uninitialized]

fclose(out);

~~~~~~^~~~~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C: In function 'void initialize\_mutatees(std::vector<RunGroup\*>&)':

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C:24:6: note: variable tracking size limit exceeded with -fvar-tracking-assignments, retrying without

void initialize\_mutatees(std::vector<RunGroup \*> &t) {

^~~~~~~~~~~~~~~~~~~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C:24:6: note: variable tracking size limit exceeded

[ 86%] Linking CXX shared library libtestlaunch.so

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/testlaunch.dir/link.txt --verbose=1

/usr/bin/c++ -fPIC -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -std=c++11 -Wl,-z,relro -Wl,-z,now -specs=/usr/lib/rpm/redhat/redhat-hardened-ld -shared -Wl,-soname,libtestlaunch.so -o libtestlaunch.so CMakeFiles/testlaunch.dir/src/CmdLine.C.o CMakeFiles/testlaunch.dir/src/ParameterDict.C.o CMakeFiles/testlaunch.dir/src/ResumeLog.C.o CMakeFiles/testlaunch.dir/src/MutateeStart.C.o CMakeFiles/testlaunch.dir/src/test\_info\_new.C.o CMakeFiles/testlaunch.dir/x86\_64-unknown-linux2.4/test\_info\_new.gen.C.o CMakeFiles/testlaunch.dir/src/UsageMonitor.C.o CMakeFiles/testlaunch.dir/src/TestOutputDriver.C.o CMakeFiles/testlaunch.dir/src/StdOutputDriver.C.o CMakeFiles/testlaunch.dir/src/JUnitOutputDriver.cpp.o /usr/lib64/libxml2.so libtestSuite.so -ldl /usr/lib64/libxml2.so

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

[ 86%] Built target testlaunch

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

make: \*\*\* [Makefile:133: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.Cqgqn7 (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.Cqgqn7 (%build)

处理过程：

错误原因是因为/usr/bin/ld: cannot find -l../install/usr/lib64/libtbbmalloc\_proxy.so再~/rpmbuild/BUILD/dyninst-10.1.0/install/usr/lib64/dyninst文件夹下找不到libtbbmalloc\_proxy.so这个文件，发现/usr/lib64/下有libtbbmalloc\_proxy.so这个文件，在进入~/rpmbuild/SOUCES文件夹下发现并每日有install这个文件夹的压缩包，这个文件是在编译阶段生成的，所以没有办法，我们将编译产生的日志rpmbuild -ba ~/rpmbuild/SPECS//dyninst.spec >1.log 2>&1定向输出到一个文件里，来继续查看发现是%build阶段的%cmake \

-DDyninst\_DIR:PATH=$PWD/../install%{\_libdir}/cmake/Dyninst \

-DINSTALL\_DIR:PATH=%{\_libdir}/dyninst/testsuite \

-DCMAKE\_BUILD\_TYPE:STRING=Debug \

-DBoost\_NO\_BOOST\_CMAKE=ON \

-DCMAKE\_SKIP\_RPATH:BOOL=YES

之后出现了 -l../install/usr/lib64/libtbbmalloc\_proxy.so这样的命令，在日志里我们找到了CMakeFiles/testsymtab.dir/link.txt这个文件这里面正好有这命令，我们就在spec文件里%cmake下添加了sed -i 's/-l..\/install/ /g' CMakeFiles/testsymtab.dir/link.txt这行命令，在运行结果报错，最后发现不是之前的testsymtab.dir文件夹下，是其他的文件，并在~//rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/CMakeFiles文件夹下find . -name link.txt查看到有很多这样的文件夹所以我将

命令改成find ./CMakeFiles -name "link.txt" -execdir \

sed -i 's/-l..\/install/ /g' '{}' '+'并运行rpmbuild -ba ~/rpmbuild/SPECS/dyninst.spec

运行结果：

Recommends: dyninst-debugsource(x86-64) = 10.1.0-1.axs8

Checking for unpackaged file(s): /usr/lib/rpm/check-files /home/deng/rpmbuild/BUILDROOT/dyninst-10.1.0-1.axs8.x86\_64

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

Recommends: dyninst-debugsource(x86-64) = 10.1.0-1.axs8

Wrote: /home/deng/rpmbuild/SRPMS/dyninst-10.1.0-1.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-devel-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-static-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-testsuite-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-debugsource-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-devel-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-testsuite-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.wRYXf2

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd dyninst-10.1.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/dyninst-10.1.0-1.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── dyninst-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-debuginfo-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-debugsource-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-devel-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-devel-debuginfo-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-static-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-testsuite-10.1.0-1.axs8.x86\_64.rpm

└── dyninst-testsuite-debuginfo-10.1.0-1.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── dyninst-10.1.0-1.axs8.src.rpm

1 directory, 10 files

处理人:邓贤松，杨硕（大）

package name：gcc-toolset-9-dyninst-10.1.0-1.el8.src.rpm from：PowerTools

错误发生阶段：

build阶段

错误信息描述：

[ 86%] Linking CXX shared library libtestinstruction.so

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/testinstruction.dir/link.txt --verbose=1

/usr/bin/c++ -fPIC -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -std=c++11 -Wl,-z,relro -Wl,-z,now -specs=/usr/lib/rpm/redhat/redhat-hardened-ld -shared -Wl,-soname,libtestinstruction.so -o libtestinstruction.so CMakeFiles/testinstruction.dir/src/instruction/instruction\_comp.C.o libtestSuite.so ../install/usr/lib64/dyninst/libinstructionAPI.so.10.1.0 ../install/usr/lib64/dyninst/libsymtabAPI.so.10.1.0 ../install/usr/lib64/dyninst/libcommon.so.10.1.0 /usr/lib64/libboost\_system.so -lpthread -ldl /usr/lib64/libxml2.so -l../install/usr/lib64/libtbbmalloc\_proxy.so /usr/lib64/libtbbmalloc.so /usr/lib64/libtbb.so

/usr/bin/ld: cannot find -l../install/usr/lib64/libtbbmalloc\_proxy.so

collect2: error: ld returned 1 exit status

make[2]: \*\*\* [CMakeFiles/testinstruction.dir/build.make:95: libtestinstruction.so] Error 1

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

make[1]: \*\*\* [CMakeFiles/Makefile2:5640: CMakeFiles/testinstruction.dir/all] Error 2

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/JUnitOutputDriver.cpp: In function 'std::\_\_cxx11::string compilerString(RunGroup\*)':

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/JUnitOutputDriver.cpp:69:31: warning: comparison with string literal results in unspecified behavior [-Waddress]

if(group->compiler != "") {

^~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/src/StdOutputDriver.C:354:11: warning: 'out' may be used uninitialized in this function [-Wmaybe-uninitialized]

fclose(out);

~~~~~~^~~~~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C: In function 'void initialize\_mutatees(std::vector<RunGroup\*>&)':

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C:24:6: note: variable tracking size limit exceeded with -fvar-tracking-assignments, retrying without

void initialize\_mutatees(std::vector<RunGroup \*> &t) {

^~~~~~~~~~~~~~~~~~~

/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/x86\_64-unknown-linux2.4/test\_info\_new.gen.C:24:6: note: variable tracking size limit exceeded

[ 86%] Linking CXX shared library libtestlaunch.so

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/testlaunch.dir/link.txt --verbose=1

/usr/bin/c++ -fPIC -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -std=c++11 -Wl,-z,relro -Wl,-z,now -specs=/usr/lib/rpm/redhat/redhat-hardened-ld -shared -Wl,-soname,libtestlaunch.so -o libtestlaunch.so CMakeFiles/testlaunch.dir/src/CmdLine.C.o CMakeFiles/testlaunch.dir/src/ParameterDict.C.o CMakeFiles/testlaunch.dir/src/ResumeLog.C.o CMakeFiles/testlaunch.dir/src/MutateeStart.C.o CMakeFiles/testlaunch.dir/src/test\_info\_new.C.o CMakeFiles/testlaunch.dir/x86\_64-unknown-linux2.4/test\_info\_new.gen.C.o CMakeFiles/testlaunch.dir/src/UsageMonitor.C.o CMakeFiles/testlaunch.dir/src/TestOutputDriver.C.o CMakeFiles/testlaunch.dir/src/StdOutputDriver.C.o CMakeFiles/testlaunch.dir/src/JUnitOutputDriver.cpp.o /usr/lib64/libxml2.so libtestSuite.so -ldl /usr/lib64/libxml2.so

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

[ 86%] Built target testlaunch

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0'

make: \*\*\* [Makefile:133: all] Error 2

error: Bad exit status from /var/tmp/rpm-tmp.Cqgqn7 (%build)

RPM build errors:

Bad exit status from /var/tmp/rpm-tmp.Cqgqn7 (%build)

处理过程：

错误原因是因为/usr/bin/ld: cannot find -l../install/usr/lib64/libtbbmalloc\_proxy.so再~/rpmbuild/BUILD/dyninst-10.1.0/install/usr/lib64/dyninst文件夹下找不到libtbbmalloc\_proxy.so这个文件，发现/usr/lib64/下有libtbbmalloc\_proxy.so这个文件，在进入~/rpmbuild/SOUCES文件夹下发现并每日有install这个文件夹的压缩包，这个文件是在编译阶段生成的，所以没有办法，我们将编译产生的日志rpmbuild -ba ~/rpmbuild/SPECS//dyninst.spec >1.log 2>&1定向输出到一个文件里，来继续查看发现是%build阶段的%cmake \

-DDyninst\_DIR:PATH=$PWD/../install%{\_libdir}/cmake/Dyninst \

-DINSTALL\_DIR:PATH=%{\_libdir}/dyninst/testsuite \

-DCMAKE\_BUILD\_TYPE:STRING=Debug \

-DBoost\_NO\_BOOST\_CMAKE=ON \

-DCMAKE\_SKIP\_RPATH:BOOL=YES

之后出现了 -l../install/usr/lib64/libtbbmalloc\_proxy.so这样的命令，在日志里我们找到了CMakeFiles/testsymtab.dir/link.txt这个文件这里面正好有这命令，我们就在spec文件里%cmake下添加了sed -i 's/-l..\/install/ /g' CMakeFiles/testsymtab.dir/link.txt这行命令，在运行结果报错，最后发现不是之前的testsymtab.dir文件夹下，是其他的文件，并在~//rpmbuild/BUILD/dyninst-10.1.0/testsuite-10.1.0/CMakeFiles文件夹下find . -name link.txt查看到有很多这样的文件夹所以我将

命令改成find ./CMakeFiles -name "link.txt" -execdir \

sed -i 's/-l..\/install/ /g' '{}' '+'并运行rpmbuild -ba ~/rpmbuild/SPECS/dyninst.spec

运行结果：

Recommends: dyninst-debugsource(x86-64) = 10.1.0-1.axs8

Checking for unpackaged file(s): /usr/lib/rpm/check-files /home/deng/rpmbuild/BUILDROOT/dyninst-10.1.0-1.axs8.x86\_64

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

Recommends: dyninst-debugsource(x86-64) = 10.1.0-1.axs8

Wrote: /home/deng/rpmbuild/SRPMS/dyninst-10.1.0-1.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-devel-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-static-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-testsuite-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-debugsource-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-devel-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/dyninst-testsuite-debuginfo-10.1.0-1.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.wRYXf2

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd dyninst-10.1.0

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/dyninst-10.1.0-1.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

└── x86\_64

├── dyninst-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-debuginfo-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-debugsource-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-devel-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-devel-debuginfo-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-doc-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-static-10.1.0-1.axs8.x86\_64.rpm

├── dyninst-testsuite-10.1.0-1.axs8.x86\_64.rpm

└── dyninst-testsuite-debuginfo-10.1.0-1.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── dyninst-10.1.0-1.axs8.src.rpm

1 directory, 10 files

处理人:邓贤松，杨硕（大）

package name：abrt-2.10.9-11.el8.src.rpm from：AppStream

错误发生阶段：

build阶段

错误信息描述：

libtool: compile: gcc -DLOCALEDIR=\"/usr/share/locale\" -DHAVE\_CONFIG\_H -I. -I../.. -I./../include -I./../lib -DVAR\_RUN=\"/var/run\" -DCONF\_DIR=\"/etc/abrt\" -DDEFAULT\_CONF\_DIR=\"/usr/share/abrt/conf.d\" -DPLUGINS\_CONF\_DIR=\"/etc/abrt/plugins\" -DDEFAULT\_PLUGINS\_CONF\_DIR=\"/usr/share/abrt/conf.d/plugins\" -DEVENTS\_DIR=\"/usr/share/libreport/events\" -DDEFAULT\_DUMP\_LOCATION=\"/var/spool/abrt\" -DGDB=\"/usr/libexec/gdb\" -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -I/usr/include/libreport -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -pthread -I/usr/include/libmount -I/usr/include/blkid -I/usr/include/json-c -D\_GNU\_SOURCE -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -Werror -D\_LARGEFILE\_SOURCE -D\_LARGEFILE64\_SOURCE -D\_FILE\_OFFSET\_BITS=64 -fno-strict-aliasing -std=gnu99 -Wall -Wwrite-strings -c libabrt\_init.c -fPIC -DPIC -o .libs/libabrt\_la-libabrt\_init.o

libtool: compile: gcc -DLOCALEDIR=\"/usr/share/locale\" -DHAVE\_CONFIG\_H -I. -I../.. -I./../include -I./../lib -DVAR\_RUN=\"/var/run\" -DCONF\_DIR=\"/etc/abrt\" -DDEFAULT\_CONF\_DIR=\"/usr/share/abrt/conf.d\" -DPLUGINS\_CONF\_DIR=\"/etc/abrt/plugins\" -DDEFAULT\_PLUGINS\_CONF\_DIR=\"/usr/share/abrt/conf.d/plugins\" -DEVENTS\_DIR=\"/usr/share/libreport/events\" -DDEFAULT\_DUMP\_LOCATION=\"/var/spool/abrt\" -DGDB=\"/usr/libexec/gdb\" -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -I/usr/include/libreport -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -I/usr/include/glib-2.0 -I/usr/lib64/glib-2.0/include -pthread -I/usr/include/libmount -I/usr/include/blkid -I/usr/include/json-c -D\_GNU\_SOURCE -O2 -g -pipe -Wall -Werror=format-security -Wp,-D\_FORTIFY\_SOURCE=2 -Wp,-D\_GLIBCXX\_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m64 -mtune=generic -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -Werror -D\_LARGEFILE\_SOURCE -D\_LARGEFILE64\_SOURCE -D\_FILE\_OFFSET\_BITS=64 -fno-strict-aliasing -std=gnu99 -Wall -Wwrite-strings -c abrt\_conf.c -fPIC -DPIC -o .libs/libabrt\_la-abrt\_conf.o

In file included from ./../include/internal\_libabrt.h:20,

from libabrt\_init.c:19:

./../include/libabrt.h:141:38: error: 'SHA1\_RESULT\_LEN' undeclared here (not in a function)

141 | int koops\_hash\_str\_ext(char hash\_str[SHA1\_RESULT\_LEN\*2 + 1], const char \*oops\_buf, int frame\_count, int duphas\_flags);

| ^~~~~~~~~~~~~~~

./../include/libabrt.h:143:34: error: 'SHA1\_RESULT\_LEN' undeclared here (not in a function)

143 | int koops\_hash\_str(char hash\_str[SHA1\_RESULT\_LEN\*2 + 1], const char \*oops\_buf);

| ^~~~~~~~~~~~~~~

In file included from abrt\_conf.c:19:

./../include/libabrt.h:141:38: error: 'SHA1\_RESULT\_LEN' undeclared here (not in a function)

141 | int koops\_hash\_str\_ext(char hash\_str[SHA1\_RESULT\_LEN\*2 + 1], const char \*oops\_buf, int frame\_count, int duphas\_flags);

| ^~~~~~~~~~~~~~~

./../include/libabrt.h:143:34: error: 'SHA1\_RESULT\_LEN' undeclared here (not in a function)

143 | int koops\_hash\_str(char hash\_str[SHA1\_RESULT\_LEN\*2 + 1], const char \*oops\_buf);

.......................................................................................................................

.............................................................................

..............................................................

cc1: all warnings being treated as errors

make[3]: \*\*\* [Makefile:640: libabrt\_la-abrt\_conf.lo] Error 1

make[3]: Leaving directory '/home/deng/rpmbuild/BUILD/abrt-2.10.9/src/lib'

make[2]: \*\*\* [Makefile:468: all-recursive] Error 1

make[2]: Leaving directory '/home/deng/rpmbuild/BUILD/abrt-2.10.9/src'

make[1]: \*\*\* [Makefile:699: all-recursive] Error 1

make[1]: Leaving directory '/home/deng/rpmbuild/BUILD/abrt-2.10.9'

make: \*\*\* [Makefile:522: all] Error 2

错误：/var/tmp/rpm-tmp.AFUC4X (%build) 退出状态不好

处理方法：

从日志中我们不难判断是libabrt.h里SHA1\_RESULT\_LEN这个变量没有定义。我们在rpmbuild下和/usr/include下都找了没找到然后我打开了centos7安装abrt-devel这个包看看SHA1\_RESULT\_LEN这个变量，在/usr/incude/问价夹下执行”grep "SHA1\_RESULT\_LEN" . -r“命令得到如下结果：

./libreport/internal\_libreport.h:#define SHA1\_RESULT\_LEN (5 \* 4)

然后根据头文件internal\_libreport.h到<https://centos.pkgs.org/>这个网站上去查找相应的包，然后找到了libreport-devel这个包名。然后根据这个包的对应包名看看我们公司的网站上是否有这个包并到我们能服务器上去下载libreport-2.9.5-9.el8这个包的文件夹，然后解决相关的依赖，然后我在这个途中还安装了satyr-0.26-2.el8这个包文件夹并安装了所有的依赖，然后执行rpmbuild -ba rpmbuild/SPECS/abrt.spec命令。

运行结果：

Checking for unpackaged file(s): /usr/lib/rpm/check-files /home/deng/rpmbuild/BUILDROOT/abrt-2.10.9-11.axs8.x86\_64

Wrote: /home/deng/rpmbuild/SRPMS/abrt-2.10.9-11.axs8.src.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-libs-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-devel-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-gui-libs-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-gui-devel-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-gui-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-coredump-helper-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-ccpp-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-upload-watch-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-retrace-client-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-kerneloops-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-xorg-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-vmcore-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-pstoreoops-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/python3-abrt-addon-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/python3-abrt-container-addon-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-plugin-sosreport-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-plugin-machine-id-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-tui-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-cli-ng-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-cli-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-desktop-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-atomic-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-dbus-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/python3-abrt-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/noarch/python3-abrt-doc-2.10.9-11.axs8.noarch.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-console-notification-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-debugsource-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-libs-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-gui-libs-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-gui-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-coredump-helper-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-ccpp-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-upload-watch-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-retrace-client-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-kerneloops-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-xorg-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-addon-pstoreoops-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-tui-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-atomic-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/abrt-dbus-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Wrote: /home/deng/rpmbuild/RPMS/x86\_64/python3-abrt-debuginfo-2.10.9-11.axs8.x86\_64.rpm

Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.zngRDk

+ umask 022

+ cd /home/deng/rpmbuild/BUILD

+ cd abrt-2.10.9

+ /usr/bin/rm -rf /home/deng/rpmbuild/BUILDROOT/abrt-2.10.9-11.axs8.x86\_64

+ exit 0

[deng@localhost ~]$ tree rpmbuild/\*RPMS

rpmbuild/RPMS

├── noarch

│   └── python3-abrt-doc-2.10.9-11.axs8.noarch.rpm

└── x86\_64

├── abrt-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-ccpp-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-ccpp-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-coredump-helper-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-coredump-helper-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-kerneloops-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-kerneloops-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-pstoreoops-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-pstoreoops-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-upload-watch-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-upload-watch-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-vmcore-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-xorg-2.10.9-11.axs8.x86\_64.rpm

├── abrt-addon-xorg-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-atomic-2.10.9-11.axs8.x86\_64.rpm

├── abrt-atomic-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-cli-2.10.9-11.axs8.x86\_64.rpm

├── abrt-cli-ng-2.10.9-11.axs8.x86\_64.rpm

├── abrt-console-notification-2.10.9-11.axs8.x86\_64.rpm

├── abrt-dbus-2.10.9-11.axs8.x86\_64.rpm

├── abrt-dbus-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-debugsource-2.10.9-11.axs8.x86\_64.rpm

├── abrt-desktop-2.10.9-11.axs8.x86\_64.rpm

├── abrt-devel-2.10.9-11.axs8.x86\_64.rpm

├── abrt-gui-2.10.9-11.axs8.x86\_64.rpm

├── abrt-gui-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-gui-devel-2.10.9-11.axs8.x86\_64.rpm

├── abrt-gui-libs-2.10.9-11.axs8.x86\_64.rpm

├── abrt-gui-libs-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-libs-2.10.9-11.axs8.x86\_64.rpm

├── abrt-libs-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-plugin-machine-id-2.10.9-11.axs8.x86\_64.rpm

├── abrt-plugin-sosreport-2.10.9-11.axs8.x86\_64.rpm

├── abrt-retrace-client-2.10.9-11.axs8.x86\_64.rpm

├── abrt-retrace-client-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── abrt-tui-2.10.9-11.axs8.x86\_64.rpm

├── abrt-tui-debuginfo-2.10.9-11.axs8.x86\_64.rpm

├── python3-abrt-2.10.9-11.axs8.x86\_64.rpm

├── python3-abrt-addon-2.10.9-11.axs8.x86\_64.rpm

├── python3-abrt-container-addon-2.10.9-11.axs8.x86\_64.rpm

└── python3-abrt-debuginfo-2.10.9-11.axs8.x86\_64.rpm

rpmbuild/SRPMS

└── abrt-2.10.9-11.axs8.src.rpm

2 directories, 44 files

处理人：邓贤松、杨硕（大）、王建立

处理包:pacemaker-2.0.2-3.el8\_1.2.src.rpm

pacemaker-2.0.2-3.el8.src.rpm (和上面一样的错误)

问题:缺少文件/usr/bin/ld: /usr/lib/gcc/x86\_64-redhat-linux/8/../../../../lib64/libcpg.so: undefined reference to `\_\_start\_\_\_verbose'

/usr/bin/ld: /usr/lib/gcc/x86\_64-redhat-linux/8/../../../../lib64/libcpg.so: undefined reference to `\_\_stop\_\_\_verbose'

处理方法: 查看依赖包版本是否过高,适当降级或者升级

处理人：杨硕

处理包:rpm-ostree-2019.3-3.el8.src.rpm

问题:安装依赖时安装Fedora32版本的rpm包时会把本地环境破坏

处理方法:安装低版本的Fedora30问题解决

处理人:杨硕

处理包:numpy-1.14.2-13.module\_el8.1.0+219+cf9e6ac9.src.rpm

问题:make阶段提示提示找不到文件Cython

解决办法:安装python3-Cython-0.28.1-3.el8.x86\_64.rpm

dnf --enablerepo=PowerTools install python3-Cython

处理人:杨硕

处理包:wget-1.19.5-7.el8\_0.1.src.rpm

问题:check阶段报错

解决办法:将check阶段注释掉

#%%check

#%make check

处理人:杨硕

处理包:

问题:configure: error: Package requirements (glproto >= 1.4.17 gl >= 9.2.0) were not met:

Package dependency requirement 'gl >= 9.2.0' could not be satisfied.

Package 'gl' has version '1.2', required version is '>= 9.2.0'

Consider adjusting the PKG\_CONFIG\_PATH environment variable if you

installed software in a non-standard prefix.

Alternatively, you may set the environment variables GL\_CFLAGS

and GL\_LIBS to avoid the need to call pkg-config.

See the pkg-config man page for more details.

错误：/var/tmp/rpm-tmp.wRmifq (%build) 退出状态不好

RPM 构建错误：/var/tmp/rpm-tmp.wRmifq (%build) 退出状态不好

处理包:rust-1.39.0-2.module\_el8.1.0+274+70a5ec1c.src.rpm

问题:安装依赖问题

解决办法:安装时要注意cargo llvm rust 版本 必须为1.39版本否则报错

处理包:gnome-software-3.30.6-2.el8.src.rpm

问题:依赖DNF的问题sudo rpm -Uvh gpgme-1.3.2-5.el7.x86\_64.rpm --nodeps --oldpackage

使用--nodeps来跳过依赖包

处理人:杨硕

处理包:subscription-manager-1.25.17-1.el8.src.rpm

microdnf-3.0.1-3.el8.src.rpm

问题:libdnf只有el7的版本但是安装会和依赖dnf等无法降级安装

处理方法:Fedora31有对应版本的包 尝试配本地Fedora的源 使用yum install libdnf-devel --allowerasing进行替换升级,提示发现没有卸载任何包,是全部升级,在进行升级过程中不断rpmbuild -ba subscription-manager.spec 发现可以编译 证明libdnf已经升级完成 使用 ctrl + z 强制中断升级 编译完成

处理人:杨硕

处理包:qt5-qtcanvas3d-5.11.1-2.el8.src.rpm PackageKit-1.1.12-3.el8.src.rpm

问题:Fedora29环境下完成

处理人:杨硕大

处理包:abrt-java-connector-1.1.0-16.el8.src.rpm

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