Subject: Re: Compile error on Fedora 25 x86_64
Posted by amrein on Sun, 25 Dec 2016 14:19:38 GMT
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Hi Mirek

What is different:

- When you run "make" or "make -j8", it won't use thread to compile because it calls domake.sh
and domake.sh doesn't call "make" with the "-jn" switch.
- If you only use one processor in the VM, it will use the "-j1" switch and won't use several threads
to compile.
- upp-x11-src-10577M.tar.gz does not need source code fix. It will compile out of the box with the
new spec file provided (file attached). This is not the case of the old stable 9251 source tarball
and older tarballs.

So the only thing to do is to patch the spec file.

If you want to test rpmbuild to see how it crashes with the old spec file:

sudo dnf install rpm-build
rpmbuild -tb --define 'version 10577M' --define "date $(LC_TIME=En date '+%a %b %d %Y')"
upp-x11-src-10577M.tar.gz

If you want to test the new spec file and confirm that it works:

mkdir ~/rpmbuild/{BUILD,BUILDROOT,RPMS,SOURCES,SPECS,SRPMS}
cp upp-x11-src-10577M.tar.gz ~/rpmbuild/SOURCES/
cp upp.spec ~/rpmbuild/SPECS/
rpmbuild -bb --define 'version 10577M' --define "date $(LC_TIME=En date '+%a %b %d %Y')"
~/rpmbuild/SPECS/upp.spec

"-tb" means build the tarball and get the spec file from inside the tarball.
"-bb" means build the spec file and use the default directory structure to find the tarball.

If you want to find why make crashes with -jn switch:

tar xzvf upp-x11-src-10577M.tar.gz
cd upp-x11-src-10577M
sed -i -e 's|make -C uppsrc|make -j8 -C uppsrc|g' domake
make

make crashes because "make prepare" is not completed before "make $(OutFile)" when using threads (-jn).
I used this to change the spec file and get rpmbuild to compile upp 4x faster.

File Attachments
1) upp.spec, downloaded 390 times