
Subject: Re: Tarball issues

Posted by [Sender Ghost](#) on Sun, 15 Jan 2017 22:09:33 GMT

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amrein wrote on Sun, 15 January 2017 20:32 For now on, I do a manual fix with before running make:

```
sed -i -e 's|\$|$$$$|g' uppsrc/Makefile.in
```

I don't know how to fix umk. It needs to not just duplicate but quadruplicate the '\$' character found in file names when it creates Makefile.

I tried following sed patch instead:

```
% sed -i '.bak' -e '/.tpp/s|\$|$$$|g' Makefile
```

But this makes Makefile incompatible with GNU make (gmake on FreeBSD):

```
% gmake
```

```
<...>
```

```
gmake: *** No rule to make target 'ide/app.tpp/About$$en-us.tppi', needed by  
'_out/ide/CLANG-Bsd-Clang-Freebsd-Gui-Main-Mt-Posix-Shared/About.o'. Stop.
```

I guess, this is not a solution for current (umk/theide) generator of exported Makefile, because on other platforms GNU make may be used. Otherwise, possible to generate BSD and GNU compatible make files with different names: BSDmakefile and GNUmakefile. The GNU make may use GNUmakefile and BSD make may use BSDmakefile first.

The mentioned issue was partially fixed with using compiler generated dependency information, some patch for which I attached in another topic (as a fix for another issue). For example, Clang compiler (on FreeBSD 10.3) escapes "\$" character(s) to "\$\$" for dependencies:

```
% touch build_info.h
```

```
% c++ -MM -c -pipe -Wno-logical-op-parentheses -std=c++11 -DflagGUI -DflagMT -DflagCLANG  
-DflagSHARED -DflagPOSIX -DflagBSD -DflagFREEBSD -DflagNOGTK -I./ `pkg-config freetype2
```

```
-cflags` ide/About.cpp | grep .tpp
```

```
Core/topic_group.h ide/app.tpp/all.i ide/app.tpp/About$$en-us.tppi \  
ide/app.tpp/AdvancedReplace$$en-us.tppi \  
ide/app.tpp/AndroidBuilder$$en-us.tppi ide/app.tpp/Assist$$en-us.tppi \  
ide/app.tpp/BSD$$en-us.tppi ide/app.tpp/Blitz$$en-us.tppi \  
ide/app.tpp/ConfiguringPackagesAssemblies$$en-us.tppi \  
ide/app.tpp/Contact$$en-us.tppi ide/app.tpp/Cpp$$en-us.tppi \  
ide/app.tpp/CrossComp$$en-gb.tppi ide/app.tpp/Files$$en-us.tppi \  
ide/app.tpp/FindFile$$en-us.tppi ide/app.tpp/Flags$$en-us.tppi \  
ide/app.tpp/GPL$$en-us.tppi ide/app.tpp/GettingStarted$$en-us.tppi \  
ide/app.tpp/GettingStarted$$ru-ru.tppi ide/app.tpp/IconDes$$en-us.tppi \  
ide/app.tpp/IntroductionToUPP$$en-us.tppi ide/app.tpp/Keys$$en-us.tppi \  
ide/app.tpp/NewProject$$en-us.tppi \  
ide/app.tpp/PackageTemplates$$en-us.tppi \  
ide/app.tpp/PackagesAssembliesAndNests$$en-us.tppi \  

```

```
ide/app.tpp/PackagesAssembliesAndNests$$ru-ru.tppi \  
ide/app.tpp/Sponsor$$en-us.tppi ide/app.tpp/Topic$$en-us.tppi \  
ide/app.tpp/cmdline$$en-us.tppi ide/app.tpp/esc$$en-us.tppi \  
ide/app.tpp/importtext$$en-us.tppi ide/app.tpp/index$$en-us.tppi \  
ide/app.tpp/index$$ru-ru.tppi ide/app.tpp/install$$en-us.tppi \  
ide/app.tpp/install$$ru-ru.tppi ide/app.tpp/macros$$en-us.tppi \  
ide/app.tpp/special$$en-us.tppi ide/app.tpp/umk$$en-us.tppi \  
ide/app.tpp/upp$$en-us.tppi build_info.h
```

This works for BSD make just for first run, while dependency information wasn't generated yet (which may be enough for first build without interruptions).

The other possible solution is to rename directories/files with "\$" characters, but this also may require to change other parts of source code.

The devel/upp FreeBSD port just uses gmake to build release version, which doesn't have this issue.
