

---

Subject: Almost compile on Archlinux [Install and run but need test]

Posted by [Skatox](#) on Sat, 20 Sep 2008 14:00:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

hello guys, i used to be the older Archlinux's package creator for UPP, i've finally compiled it but needs some test and i have some questions.

The file GCC.bm where can i get it? i had to copy from upp 2007 and i think it's not compatible with 2008. It is no included with the src package and it doesn't generated on the compile time. If i solve this problem maybe the package runs great.

If you want to compile this PKGBUILD (Archlinux's way of building software) you have to creat a link to some libraries, 'cause i still don't know how to patch the source code to the correct direction:

```
ln -s /usr/lib/glib-2.0/include/glibconfig.h /usr/include
ln -s /usr/lib/gtk-2.0/include/gdkconfig.h /usr/include
```

Please test it or correct my mistakes.  
Sorry for my bad english.

---

### File Attachments

1) [upp.tar.gz](#), downloaded 399 times

---

---

Subject: Re: Almost compile on Archlinux [Install and run but need test]

Posted by [amrein](#) on Sun, 21 Sep 2008 19:13:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

To build upp:

```
make -e HOSTTYPE=LINUX -e LOCALBASE=/usr -e LIBPATH=$(pkg-config --libs-only-L x11
freetype2 gtk+-2.0 glib-2.0 cairo pango atk) -e CINC="-luppsrc $(pkg-config --cflags x11
freetype2 gtk+-2.0 glib-2.0 cairo pango atk)"
```

To build GCC.bm, you need to do it manually (because it doesn't exist in the tarball):

```
INCLUDEDIR=$( pkg-config --cflags x11 freetype2 gtk+-2.0 glib-2.0 cairo pango atk | awk ' { gsub (
/, , "" ) ; gsub ( /-I/, ";" ) ; sub ( /:/, "" ) ; print $0 }' )
```

```
LIBDIR=$( pkg-config --libs-only-L x11 freetype2 gtk+-2.0 glib-2.0 cairo pango atk | awk ' { gsub ( /
/, "" ) ; gsub ( /-l/, ";" ) ; sub ( /:/, "" ) ; print $0 }' )
```

```
cat > GCC.bm << EOF
BUILDER      = "GCC";
COMPILER     = "g++";
DEBUG_INFO   = "2";
DEBUG_BLITZ  = "1";
DEBUG_LINKMODE = "1";
DEBUG_OPTIONS = "-O0";
RELEASE_BLITZ    = "0";
RELEASE_LINKMODE  = "1";
RELEASE_OPTIONS   = "-O1 -ffunction-sections";
RELEASE_SIZE_OPTIONS = "-Os -finline-limit=20";
DEBUGGER         = "gdb";
PATH             = "";
INCLUDE          = "$INCLUDEDIR";
LIB              = "$LIBDIR";
REMOTE_HOST      = "";
REMOTE_OS        = "";
REMOTE_TRANSFER  = "";
REMOTE_MAP       = "";
EOF
```

---