Both packages are available for upgrade from G4KLX sources at github.com
https://github.com/g4klx/ircDDBGateway
https://github.com/g4klx/DStarRepeater

From information found at F4FXL and at the above site, I was able to install both
packages and then copy the executable files across to where they would normally run from.

https://www.f4fxl.org/compile-and-install-the-latest-ircddbgateway-in-pi-star/
The F4FXL build works well for Pi-Star because Pi-Star only uses Daemon mode for both files.

For KiwiDstar images and other non Pi-Star Hotspots I used this proceedure:
What I did first, (and repeated the process for DStarRepeater without "libwxgtk3.0-dev"), was to
rename ircddbgateway to ircddbgateway-2015 and ircddbgatewayconfig to ircddbgatewayconfig-2015 in
/usr/local//bin and then copy the new built version from ircDDBGateway/ircDDBGateway folders into
/usr/local/bin. DStarRepeater builds from DStarRepeater/DStarRepeater folders. Rename dstarrepeater as
dstarrepeater-2015 along with dstarrepeaterconfig to dstarrepeaterconfig-2015 to save the original files so the new
files can be copied across. Now do the following:

sudo apt install libwxgtk3.0-dev git build-essential
cd ~

For ircDDBGateway use this:

git clone --depth 1 https://github.com/g4klx/ircDDBGateway.git
cd ~/ircDDBGateway
nano MakefileGUI (or Makefile for Daemon)
Edit the first lines of the Makefile so that they read exactly like this

export DATADIR := "/usr/local/etc"
export LOGDIR := "/var/log"
export CONFDIR := "/etc"
export BINDIR := "/usr/local/bin"

ircDDBGateway GUI and Deamon build

make (for Daemon program)
make -f MakefileGUI (only required if you want to build the GUI program)
sudo make install
Note that you may need to use sudo -E make install to pass the environment variables.

For DStarRepeater use this:

git clone --depth 1 https://github.com/g4klx/DStarRepeater.git
cd ~/DStarRepeater
nano MakefileGUI (or Makefile for Daemon)
Edit the first lines of the Makefile so that they read exactly like this if not already the same.

export DATADIR := "/usr/local/etc/dstarrepeater"
export LOGDIR := "/var/log"
export CONFDIR := "/etc"
export BINDIR := "/usr/local/bin"

See page-2 for editing of Makefile before building.

Edit line 38 to remove the four spaces and replace with a single TAB space.

Four spaces are removed before /bin/mkdir and replaced with a single Tab.

installdirs:
        /bin/mkdir -p $(DESTDIR)$(DATADIR) $(DESTDIR)$(LOGDIR) $(DESTDIR)$(CONFDIR) $(DESTDIR)$(BINDIR)

The next fix is for DStarRepeater Makefile in order to enable MakefileGUI

edit the Makefile here:

/home/odroid/DStarRepeater/DStarRepeater/sudo nano Makefile

Find at line 14 the statement that reads: "DwxUSE_GUI=0"
[GUI is set as GUI=0 by default]
Should read as follows to enable the GUI build:
%.o: %.cpp
        $(CXX) -DwxUSE_GUI=1 $(CFLAGS) -I../Common -c -o $@ $<

Save and close the file editor and proceed with the build.

DStarRepeater GUI and Deamon build

make (for Daemon program)
make -f MakefileGUI (only required if you want to build the GUI program)
sudo make install
Note that you may need to use sudo -E make install to pass the environment variables.

KiwiDstar XU4 Dashboard live logging update.

The 20180911 version of DStarRepeater now uses a log file named "dstarrepeater-" and has to be edited for the dashboard to update correctly.

Do the following:

cd /var/www/dashboard/ sudo nano ircddblocal.php

Find this section and line: define("DSTARREPEATERLOGFILENAME", "DStarRepeater-");

Save the change to read as follows:

case "OTHER":
// Configuration for all others, please customize
// if necessary
                define("LOGPATH", "/var/log");
                define("CONFIGPATH", "/etc");
                define("DSTARREPEATERLOGPATH", LOGPATH. "/");
                define("DSTARREPEATERLOGFILENAME", "dstarrepeater-");
                define("LINKLOGPATH", LOGPATH . "/Links.log");
                define("HRDLOGPATH", LOGPATH . "/Headers.log");
                break;

The DG9VH Dashboard will now update correctly.

Special thanks to Simon ZL2BRG for his help finding the fixes.
EOD