DDUtil v3 - Release Notes

VERSION: 3.0.9.00

Release date: 2014-09-15

Smart SDR compatibility: 1.3.0

SmartSDR Cat compatibility: 1.3.0

Introduction

This software is released and intended to be used with the following **FlexRadio Systems** radios:
- **Legacy** – F1500, F3000 and F5000.
- **Signature** – 6300, 6500, 6700 and 6700R.

Additional radios utilizing 3rd party modified versions of **PowerSDR** software may also be used, but without author support or any guarantee of functionality.
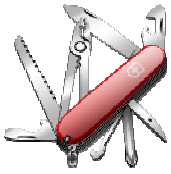
Upgrading to this Software Release

This Software Release is available via **DDUtil's** automatic update feature, the **DDUtil** Help menu or from the **DDUtil Wiki** download page.
http://k5fr.com/DDUtilV3wiki/index.php?title=Download

- This new release may be installed over any existing release without uninstalling or removing any files.
- User settings and other files are preserved in special directories other than the install directory.
- While **DDUtil** can be installed in any directory it is recommended to use the default directory specified by the installer (C:\DDUtil_V3) for documentation compatibility purposes.
- Please report any bugs/defects to the **DDUtil Yahoo Group**.
  http://groups.yahoo.com/neo/groups/DDUtil/info

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Defects, Enhancements & New Features

Macro Commands

• Added **DD6PZM** (zoom panadapter in/out).
  DD6PZM+; Doubles the panadapter bandwidth.
  DD6PZM-; Halves the panadapter bandwidth.

• Added **DD6CWM** (execute a CWX macro).
  DD6CWM1; sends the contents of CWX macro #1.

• Added **DD6CWS** (Changes the CWX CW speed)
  DD6CWS+2; increases CWX speed by 2 WPM
  DD6CWS-2; decreases CWX speed by 2 WPM

No Focus Key Pad

• Added support for the **Genovation 684-U** 24 key keypad.
• Allows the user to have up to 46 individual keys assigned with executable **DDUtil** macros that don't require **DDUtil** to have focus. You can be using any program on the desk top like **N1MM** and use the key pad to execute **DDUtil** macros without having to move focus from **N1MM** over to **DDUtil**. This is a seriously cool feature for contesters.
• See the following link for setup and operational details.
  http://k5fr.com/DDUtilV3wiki/index.php?title=Keypad

USB-8 Relay Board

• Extended the **USB-8** relay board to optionally use the **Band Data** file on the **LPT** tab and associated **Macro** functionality if desired.
• For more information see the **USB-8** wiki page.
  http://k5fr.com/DDUtilV3wiki/index.php?title=USB-8_Relay_Board

Misc.

• Moved the **Quick Memory** controls to their own window**.
• Reworked the **Split** controls on the **Misc** form so the **Split Enable** button will display the offset frequency between VFO A & B **.
• The **Passive Listener** port data now persists correctly between **DDUtil** sessions.
• Radio **Mode** now correctly displays with **HRD** v5.1 & v6.2 **Logbook** and **DM780** applications.
• Fixed problem where (in some systems) band change data was not getting sent reliably to clients.
• Revised the **About** form to correctly display the current version of **PSDR** or **SSDR** being used.

** See the **Application Notes** section of this document for additional usage information for these topics.

Application Notes

New Split Button Functionality

The **Split Button** (**Misc** tab) now will display the **VFO A & B** offset frequency when the radio is considered to be in **Split** mode (Yellow button face). **Split** mode is defined as when **VFO A/B** are displayed and **VFO B** has the **TX** assignment. Otherwise the radio is not considered to be in **Split** mode and the indicator will turn off.

Split can be achieved by one of the following methods:
- Assign **TX** to **VFO B** (F6K).
- Press the **Split** button on the **PowerSDR** console.
- Clicking on a **Split** spot in your favorite **Telnet** spotting program like **DXLab's Spot Collector.**
- Pressing the **Split** button on **DDUtil's Misc** form.

Caveats:
Because of technical issues the **Split** offset feature is only available for **Slice A & B** on the **F6K** radios.

Quick Memory

To free up display space on the **Misc form the Quick Memory** controls have been moved to their own dockable window. A new check box was added to the **Aux Display** group on the **Features** tab of the **Setup** form that when selected will create the new **Quick Memory (QuikMem)** window. Operation is the same as the with the previous **Misc** form feature.

Known Bugs and Limitations

General
This is considered Beta software and as such may have bugs/defects that can cause your computer to become unstable and/or crash. If you don't feel comfortable using Beta software you might consider using **DDUtil v2** which is considered mature software. But, you'll miss all the fun too.

SmartSDR Cat (SSCAT) Fails
Can become unresponsive if the radio is turned off or crashes when **SSCAT** is open. If this happens follow these steps:
1. Close and restart SSCAT.
2. Close and restart DDUtil, or open the Options menu and select Connect to Cat.

End-User License Agreement

DDUtil (Data Decoder Utility) a software product.

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http://k5fr.com/DDUtilV3wiki/index.php?title=Main_Page