



DDUtil v3 - Release Notes

VERSION: 3.0.8.00

Release date: 2014-7-9

Smart SDR compatibility: 1.2.17

SmartSDR Cat compatibility: 1.2.17.0

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

CW Skimmer (Cat-Less)

- Added **QSY VFO B** check box option** (F6K).
- Added **WinWarbler** check box option** (F6K).

Macro Commands

- Added **DD6GCW** (Gain CW TX Side Tone) command (F6K).
Sets CW TX Side Tone Gain audio to between 000 and 100.
- Added **DD6GSB** (Gain SSB TX Monitor) command (F6K).
Sets SSB TX Monitor Gain audio to between 000 and 100.
- Added **DD6QSY** (QSY VFO B) command (F6K).
Enables/Disables the QSY VFO B check box in the CW Skimmer group.
- Added **DD6SSF** (Set Slice Filter) command (F6K)
DD6SSF0:-0000:02700 Set slice 0 filter width to +2700 Hz (USB).
- Added **DD6STX** (Slice TX) command (F6K).
Sets the TX slice to be the same as the active RX slice.
- **Deleted DD6TMG** (TX Monitor Gain) command (F6K).
Replaced with **DD6GCW** and **DD6GSB**.
- Added **DD6WWC** (WinWarbler Call) command (F6K).
Enables/Disables sending clicked on CWS call sign to DXLab's WinWarbler.

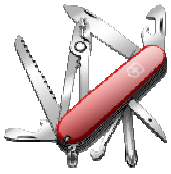
For form and usage for macros see the following wiki article:

http://k5fr.com/DDUtilV3wiki/index.php?title=CAT#PowerSDR_CAT_Commands

Misc.

- Fixed a defect that prevented the **Auto Drive Expert** mode from correctly modifying the drive level on F6K radios.
- PA Volts now reads correctly (F6K).
- Changed update time for **Space WX** from 6 to 10 min after the hour to avoid error messages when NOAA is updating the web site.
- Fixed **CW Speed** display so it will display correctly at start-up (F6K).
- Moved the **Heross** group from **Features** tab to the **Other** tab.
- Added radio **S-Meter** readings (slice A/B) to the **Misc** tab ** (F6K).
- Added ability to display radio **Forward Power & SWR** in the **Misc** window ** (F6K).

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



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Application Notes

S-Meter Readings

A new **S-Meter** group has been added to the **Misc** window to show the s-meter readings for slices A/B. These readings are displayed as **Average** and **Peak** s-units and dBm for each slice.

SWR & Forward Power

Radio **Forward Power** and **SWR** can now be selected to display in the **Misc** window. To select this option go to the **Amps** tab and in the **Power/Swr Display Source** group follow these steps:

- Clear the **Amp1** and **Amp2** drop down boxes.
- Select the **F6K** check box on the right side of the group.

The radio power and swr will now display on the **Misc** tab when you transmit.

Note: This option is only for those that don't use their amplifier or watt meter's power and swr readings in the **Misc** window.

CW Skimmer

Two new option check boxes have been added to the **CW Skimmer** group on the **Features** tab.

- **QSY VFO B**
 - Sends frequency data to the F6K radio's slice B instead of the slice A. This allows you to tune slice A to a DX station working split and when you find the station he's working you can click on that station and it will QSY slice B to that frequency.
- **WinWarbler**
 - **DXLab** select this feature and when you click on a station in the **CW Skimmer** band map the call sign of the station will be sent to the **QSO Info** panel in **WinWarbler**. Additionally, the **QSO Info** panel will be cleared of old data before adding the new call sign and a call sign lookup will be initiated (if enabled in DXK) resulting in population of the rest of the **QSO Info** panel display.
 - **Notes:**
 - **Commander** must be running and connected to **DDUtil** in order to add the frequency(s) and mode data to the **QSO Info** panel.
 - **DXKeeper** must also be running in order to be able to initiate a call sign look up and to log the qso. When you're through working the station all that's left to do is press the log button in **WinWarbler** to log the qso with all the necessary data already filled in.
 - Only use this feature if you're **not** using the **QSY VFO B** option **or** if you initiate the split pile up.



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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.

General

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