

Overview

Beginning with version 0.6 of JS8Call Monitor, support is included for mapping QSOs reported through the JS8Call API "LOG.QSO" event. This event is generated from within the JS8Call application when submitting the Log QSO form.

The LogIt program is designed to emulate this behavior, through a separate GUI that is independent of JS8Call. The main purpose is to manually generate LOG.QSO events that will result in them being mapped by JS8Call Monitor. For example mapping a point of interest, or a QSO that occurred through another mode.

Prerequisites

Windows XP or higher.
Version 0.6 or higher of JS8Call Monitor.

Upgrading From a Previous Version

To upgrade your previous installation, start by locating the folder on your computer where you installed LogIt.

Rename the logit.ini file to logit.old

Unzip the contents of the js8call_monitor_logit.zip file to a suitable place on your computer.

Copy the LogIt files into your installation folder, replacing the old files.

Using your favorite text editor, edit the .ini file for your setup. You can reference the logit.old file for your previous settings, and refer to the section below on any new settings.

New Installation

Unzip the contents of the js8call_monitor_logit.zip file to a suitable place on your computer.

Optional: Create a shortcut to the .exe and place it on your Windows desktop or start menu.

Using your favorite text editor, edit the .ini file for your setup.

- The **Monitor** section contains the details of how the LogIt application will connect to js8call_monitor.

JS8Call Monitor LogIt

- The **Default** section contains various default settings that are applied when starting the LogIt application, or pressing the "Clear" button.
- The **Button** sections contain the settings for customizing the 8 programmable buttons.

Save your changes.

Running the program

From Windows explorer, double click on the JS8Call_Monitor_LogIt.exe file, or click on the link you previously created.

The program should launch and minimize to an icon in your system tray that looks like an American Flag.



Right click on the flag icon. You should now see a small menu.



Open will launch the QSO entry screen.

About will display the application version information.

Exit will exit the program.

QSO Entry Screen

The following shows the main QSO entry screen. The fields echo what is on the Log QSO form within JS8Call, with some enhancements specific to JS8Call Monitor.

The screenshot shows the 'JS8Call Monitor LogIt' application window. The interface is a light tan color. At the top is a title bar with an American flag icon and the text 'JS8Call Monitor LogIt'. Below the title bar, the fields are arranged as follows:

- Call:** A text input field that is currently empty.
- IP:** A text input field containing '127.0.0.1'.
- Start:** A text input field that is empty, followed by a 'Now' button.
- Mode:** A dropdown menu showing 'JT4F', followed by two buttons: 'Green' and 'No PIR'.
- Band:** A dropdown menu showing '40m', followed by two buttons: 'Yellow' and 'No Info'.
- SNR-S:** A text input field containing '599', followed by two buttons: 'Red' and 'Status Msg'.
- SNR-R:** A text input field containing '599', followed by two buttons: 'Unknown' and 'JS8'.
- Grid:** A text input field that is empty.
- Name:** A text input field that is empty.
- Comments:** A large text area for entering comments.
- Buttons:** A 'Clear' button is located to the left of the Comments text area, and a 'Log' button is located below it.

The **Now** button will populate the Start field with the current date and time in UTC format.

The **Clear** button will clear all of the fields and reset them to the default values from the .ini file.

The **Log** button will send the QSO entry to JS8Call Monitor.

The eight custom buttons to the right of the Mode field, will set the value of the Mode field to the corresponding value from the .ini file. Think of these as macro buttons to set the eight most used mode values.

The minimize and maximize buttons work as expected, however the exit (x) button is disabled. To exit the application you will need to select Exit from the small menu.

Configuring JS8Call Monitor for LogIt

On the computer where you are running JS8Call Monitor, navigate to the folder where you installed the script.

Using your favorite text editor, edit the config file for your setup.

```
[GRIDS]
# Will map manual LOG QSO reports
map_log = true
```

- Change **map_log** to true, to enable mapping of the manual log QSO events.

Save your changes.

How it Works

When submitting a log QSO report by using the Log QSO form built in to JS8Call, or by using the JS8Call Monitor LogIt application, a LOG.QSO event is generated and sent to the JS8Call Monitor program.

The JS8Call Monitor program then processes the LOG.QSO event and passes the data on to the various loggers as specified in its' config file.

JS8Call Monitor uses the Adif Mode tag to manipulate how the QSO is displayed in the various mapping programs. For more information on how this works please refer to the JS8Call Monitor documentation.

Attribution

This program uses code adapted from the VBA UTC converter by Tim Hall and is licensed under the MIT License. A copy of the license is included in the VBA UTC Converter folder.

The original library can be found here: <https://github.com/VBA-tools/VBA-UtcConverter>.

License

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Change Log

Version 1.0.3 (November 2024)
- Original version.