# **CQRLOG User Guide**

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## 1. Introduction

CQRLOG is an advanced ham radio logging application based on a MySQL database. It provides radio interfacing utilizing the hamlib libraries (currently support for 140+ radio types and models), DX cluster connection, band map, QRZ.com/HamQTH.com callbook (XML access), ClubLog and Logbook of the World support, IOTA support, a grayliner, propagation indicator, xplanet support (maps in azimuthal projection centered in your QTH), OK1RR free QSL manager database etc.

CQRLOG is intended mainly for seriously HF DX minded operators but can be used for any ham logging purpose, also by casual operators. It is equipped with probably most accurate DXCC country database available, providing not only the country resolution but also state, province, region, district etc. It resolves also antarctic bases, special event stations, contest callsigns and much more.

CQRLOG has its own web site at <a href="http://www.cqrlog.com">http://www.cqrlog.com</a>. Find news, changes, latest additional files and howtos there. If you have a problem, browse the web site first, then ask for help.

## 2. Installation

Installation packages are found on the the {homepage}. Click on the *CQRLOG* link at the left margin, and then select the appropriate package for your operating system.

## **2.1. Linux**

Installation: Ubuntu users can use a repository on Launchpad. To add the repo, open a terminal and copy&paste

sudo add-apt-repository ppa:ok2cqr/ppa sudo apt-get update sudo apt-get install cqrlog

Only Ubuntu 14.04 and Ubuntu 16.04 are officially supported but there are also builds for other versions of Ubuntu on Launchpad.

Debian users can simply install using the package manager

sudo apt-get install cqrlog

For other distributions, you can use binaries located at <a href="http://cqrlog.com/download">http://cqrlog.com/download</a>. Some of them, like Fedora and Arch, have their own repositories for CQRLOG - Fedora: <a href="https://apps.fedoraproject.org/packages/cqrlog/">https://apps.fedoraproject.org/packages/cqrlog/</a> ArchLinux <a href="https://aur.archlinux.org/packages/cqrlog/">https://aur.archlinux.org/packages/cqrlog/</a> If upgrading, no important file will be overwritten. Anyway, backup your log before you begin any upgrade!

#### Dependencies:

- IMPORTANT: HamLib must be installed even if you don't want radio control. The sources are available at <a href="http://hamlib.sourceforge.net/">http://hamlib.sourceforge.net/</a>, however precompiled packages are available for almost all major Linux distributions.
- MySQL server and client The MySQL client must be installed, without this the program will not work at all. A MySQL server must be reachable, either on the local machine or via a network.
- libssl-devel needed if you want to use LoTW and/or online log upload

### 2.2. Source Code

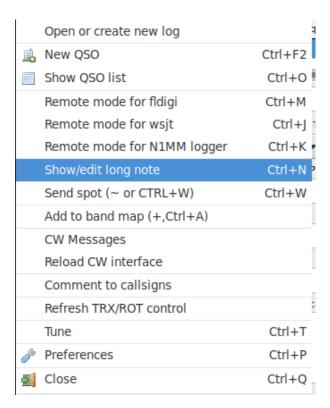
https://github.com/ok2cqr/cqrlog

# 3. Basic Operating Tutorial

## 3.1. Settings

### Preferences

The first step you need is to set up your log preferences. From the logging window, choose the 'File' menu item and 'Preferences' (or Ctrl-P).



## 4. GUI

## 4.1. File

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### 4.2. Window

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## 4.3. Statistics

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### 4.4. Menus

Here every menu will be described

#### 4.4.1. Files

Doing imports and some more stuff

### **4.4.2. Window**

Open different Windows

# 5. Cooperating Programs

- hamlib
- wsjtx
- qsstv
- gpredict
- n1mm
- jd1tx

# 6. Frequently Asked Questions

to be filled with some fancy stuff

and some more information for users

# 7. License

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