

FLLOG Users Manual

1.1

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Contents

- 1 FLLog Users Manual - Version 1.1** **1**
- 1.1 Logbook Server 1
- 1.2 Exporting Logbook Data 3
 - 1.2.1 Export ADIF 3
 - 1.2.2 Export Text / CSV 4
- 1.3 Creating a Cabrillo Report 5

Chapter 1

FLog Users Manual - Version 1.1



1.1 Logbook Server

The logbook server maintains a large set of QSO logbook fields that will probably be sufficient for casual operating, contesting and some certificate logging. All of the fields that are captured in the logbook are maintained in an ADIF database that can be read by any logbook program that can read the ADIF text format. The server can open any logbook adif file, including those created by fldigi. You should NOT open an adif logbook file by more than one program at a time. The database uses "flat files" and simultaneous use by more than a single program may corrupt the file.

The complete set of logbook fields are:

ADIF FIELD	USE
BAND	QSO band (computed from frequency)
CALL	contacted stations call sign
CNTY	county
COMMENT	comment field for QSO
COUNTRY	contacted stations DXCC entity name
CQZ	CQ zone
DXCC	contacted stations DXCC country code
FREQ	QSO frequency in MHz
GRIDSQUARE	contacted stations Maidenhead Grid Square (Loc)
IOTA	Islands On The Air
IOTA	Islands-On-The-Air designator
ITUZ	ITU zone
MODE	QSO mode
MYXCHG	sent contest exchange
NAME	contacted operators name
QSLRDATE	QSL received date
QSLSDATE	QSL sent date

QSLSDATE	QSL sent date
QSO_DATE	QSO data at start of contact
QTH	contacted stations city
RST_RCVD	received signal report
RST_SENT	sent signal report
SRX	QSO received serial number
STATE	contacted stations state
STX	QSO transmitted serial number
TIME_OFF	end time of QSO in HHMM format
TIME_ON	start time of QSO in HHMM format
TX_PWR	power transmitted by this station
VE_PROV	2 letter abbreviation for Canadian Province
XCHG1	received contest exchange

These fields (**BOLD**) are sent to fllog by the client program, which may be fldigi.

The data in the fllog logbook can be exported to external text files; ADIF, text, and CSV (comma separated value). The ADIF can be read by any ADIF compatible logbook program. The text output is suitable for use in a word-processor and for printing. The CSV can be read into many spreadsheet programs such as Excel, Open Office or Gnumeric.

Fllog will respond to a both duplicate and last contact queries from the client program

If you have previously worked a station the logbook will be searched for the most recent qso and fill the Name, Qth and other fields from the logbook. This data is then passed back to the client program.

You open the logbook by selecting from the View menu; View/Logbook. The logbook title bar will show you which logbook you currently have open. FLlogi can maintain an unlimited (except for disk space) number of logbooks.

The full pathname of the open log file will appear in the File: control. The file name will be on the title bar.

Logbook Server - logbook.adif

File: /home/dave/.fldigi/logs/logbook.adif

On Date: 20110624 Time: 1811 Off Date: 20110624 Time: 1815 Call: KD0ECS Name: Mark

Freq.: 14.071307 Mode: PSK31 In: Out: Tx Power: QSL-rcvd: QSL-sent:

Qth: Polk City St: IA Pr: Country: United States Loc: EN31ct

County: IOTA: CQZ: ITUZ: CONT: DXCC:

Notes:

Ser# out Exchange Out Ser# in Exchange In Call Search

Recs: 2515 [New] [Update] [Delete] [Left Arrow] [Right Arrow]

Date	Time	Callsign	Name	Frequency	Mode
20110604	0107	AA8VG	Frank	10.140488	PSK31
20110611	1740	NG1S	Ralph	14.071785	PSK31
20110611	2329	OZ1RDP	Dirk	10.141858	PSK31
20110616	1944	K6KAR	Kirk	14.073005	OLIVIA
20110619	1415	VE3FBG	Fred	10.141500	CONTESTI
20110620	1531	K5RKS	Roger	14.071236	PSK31
20110624	1815	KD0ECS	Mark	14.071307	PSK31

Figure 1.1: Logbook Server

You can resize the dialog to suit your screen size and operating needs. FLlog will remember the placement and size for subsequent use.

You can create new entries, update existing entries, and delete entries using this dialog. You can also search for an entry by callsign. The browser can be sorted by Date, Callsign, Frequency or Mode. The sort can be forward or backward with the most recent being the default selected entry after each sort. You execute the sort by clicking on the column button at the top of the column to be sorted. Each click causes the sort to reverse. I like to view my log with the most recent at the top. You might want to view it with the most recent on the bottom.

There are no frills such as keeping track of DXCC worked, fancy printouts etc. FLlog's logbook is primarily a capture function. You can export your data for use with an external database or for uploading to LOTW or eQSL. Data from those sources can also be used for importing into the logbook.

[Top of Page](#)

1.2 Exporting Logbook Data

The user may export all or selected records consisting of all or selected fields. Access to this export function of available from the menu "File/Log/Export ADIF", "File/Log/Export Text", and "File/Log/Export CSV".

1.2.1 Export ADIF

Selecting the Export ADIF menu item opens the following dialog:

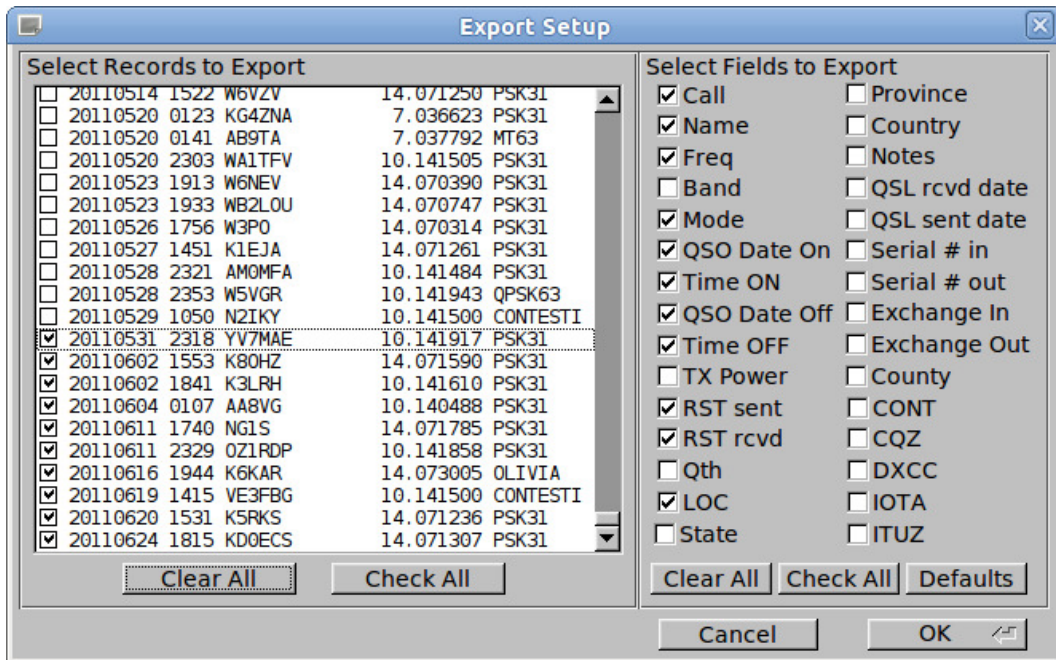


Figure 1.2: Export Setup

If you want to export every record press the "Check All" in the left panel. You can also select and deselect individual records. Choose which fields you want to export with the right panel controls. Press the OK button to continue or Cancel to abort the operation. A file chooser dialog will open which allows you to specify the name and location of the exported file. Use the extension ".adi" on Windows and ".adif" on the other OS'.

1.2.2 Export Text / CSV

The same Export Setup dialog is used for Text and CSV exports.

The Text export produces a simple space delimited file with columns set at locations dictated by the field size for each field that is exported. It is suitable for use with a word processing program or for printing a hardcopy of your activities.

The CSV is a "Character Separated Value" file with the TAB character used as the field separator. This type of file can be imported into nearly all spreadsheet programs such as Gnumeric, Open Office or MS Excel.

[Top of Page](#)

1.3 Creating a Cabrillo Report

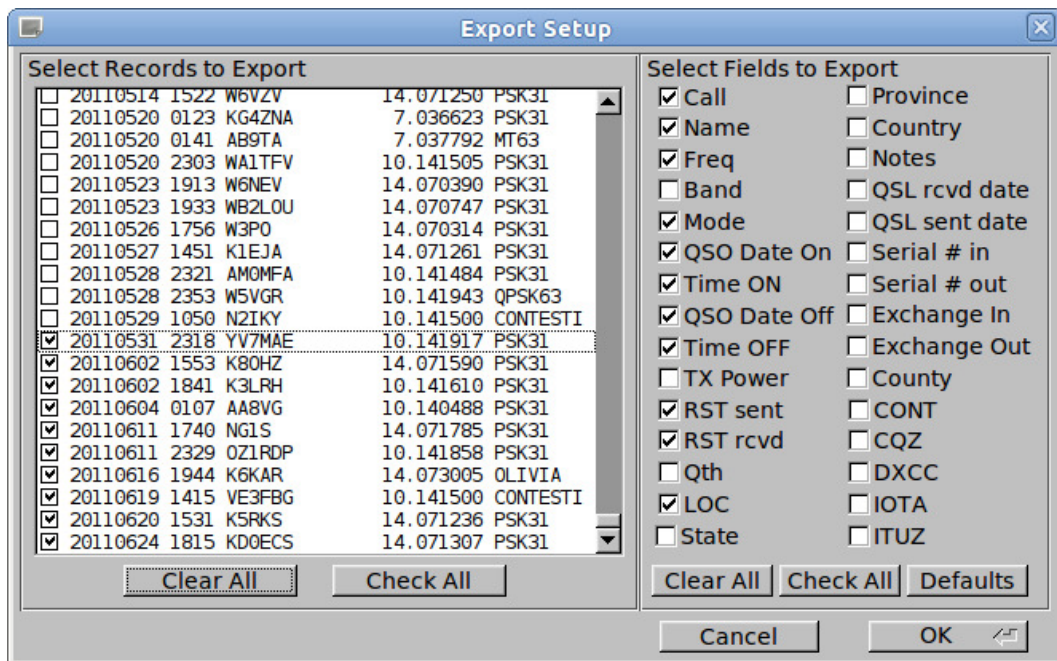


Figure 1.3: Cabrillo Setup

If you want to export every record press the "Check All" in the left panel.

Select the Contest type from the pull down menu in the right panel. FLlog knows how to format the various fields for each contest. When satisfied with the setup press OK. You will then have the opportunity to specify the location and name of the Cabrillo output file.

You should be careful not to duplicate the data in the Cabrillo report.

For example:

You captured outgoing exchange data in fldigi as

```
<XBEG><RST> <CNTR><XEND>
```

Do not enable the "RST sent" and "Serial # out" check boxes as this info is already contained in the "Exchange in" field.

You captured incoming exchange data into the Exch field as RST SER# TIME. Do not enable the "RST rcvd" or the "Serial # in" check boxes.

You must then open the file with a plain text editor and modify the appropriate entries. Check with each contest sponsor to see what their requirements are.

Here is an example of a generated Cabrillo report format before being edited:

```
START-OF-LOG: 3.0
CREATED-BY: fldigi 3.11

# The callsign used during the contest.
CALLSIGN: W1HKJ

# ASSISTED or NON-ASSISTED
CATEGORY-ASSISTED:

# Band: ALL, 160M, 80M, 40M, 20M, 15M, 10M, 6M, 2M, 222, 432, 902, 1.2G
```

```

CATEGORY-BAND:

# Mode: SSB, CW, RTTY, MIXED
CATEGORY-MODE:

# Operator: SINGLE-OP, MULTI-OP, CHECKLOG
CATEGORY-OPERATOR:

# Power: HIGH, LOW, QRP
CATEGORY-POWER:

# Station: FIXED, MOBILE, PORTABLE, ROVER, EXPEDITION, HQ, SCHOOL
CATEGORY-STATION:

# Time: 6-HOURS, 12-HOURS, 24-HOURS
CATEGORY-TIME:

# Transmitter: ONE, TWO, LIMITED, UNLIMITED, SWL
CATEGORY-TRANSMITTER:

# Overlay: ROOKIE, TB-WIRES, NOVICE-TECH, OVER-50
CATEGORY-OVERLAY:

# Integer number
CLAIMED-SCORE:

# Name of the radio club with which the score should be aggregated.
CLUB:

# Contest: AP-SPRINT, ARRL-10, ARRL-160, ARRL-DX-CW, ARRL-DX-SSB, ARRL-SS-CW,
# ARRL-SS-SSB, ARRL-UHF-AUG, ARRL-VHF-JAN, ARRL-VHF-JUN, ARRL-VHF-SEP,
# ARRL-RTTY, BARTG-RTTY, CQ-160-CW, CQ-160-SSB, CQ-WPX-CW, CQ-WPX-RTTY,
# CQ-WPX-SSB, CQ-VHF, CQ-WW-CW, CQ-WW-RTTY, CQ-WW-SSB, DARC-WAEDC-CW,
# DARC-WAEDC-RTTY, DARC-WAEDC-SSB, FCG-FQP, IARU-HF, JIDX-CW, JIDX-SSB,
# NAQP-CW, NAQP-RTTY, NAQP-SSB, NA-SPRINT-CW, NA-SPRINT-SSB, NCCC-CQP,
# NEQP, OCEANIA-DX-CW, OCEANIA-DX-SSB, RDXC, RSGB-IOTA, SAC-CW, SAC-SSB,
# STEW-PERRY, TARA-RTTY
CONTEST: ARRL-RTTY

# Optional email address
EMAIL:

LOCATION:

# Operator name
NAME:

# Maximum 4 address lines.
ADDRESS:
ADDRESS:
ADDRESS:
ADDRESS:

# A space-delimited list of operator callsign(s).
OPERATORS:

# Offtime yyyy-mm-dd nnnn yyyy-mm-dd nnnn
# OFFTIME:

# Soapbox comments.
SOAPBOX:
SOAPBOX:
SOAPBOX:

QSO: 14095 RY 2009-01-04 1952 W1HKJ          599 GA 12345   ND2T          599 CA 67890
QSO: 14098 RY 2009-01-04 1949 W1HKJ          599 GA          W0SD          599 SD
QSO: 14099 RY 2009-01-04 1948 W1HKJ          599 1234567890 KB7Q          599 1234567890
QSO: 14100 RY 2009-01-04 1948 W1HKJ          599 GA          N6WS          599 CA
QSO: 14103 RY 2009-01-04 1946 W1HKJ          599 GA          VE6AO         599 AB
END-OF-LOG:

```

[Top of Page](#)