ADIF for LOTW https://eu2aa.com/pdfs/ADIFforLOTW.pdf

Instruction

1.How to start a Log for the QO-100 satellite, 2.for
144MHz,
3.for 432MHz,
4. for 1296MHz and
other HF and VHF bands similarly,
5.convert it to .ADIF for LOTW and QO-100 DX Club for QO-100 satellite,
6.convert it to .ADIF for LOTW for 144MHz tropo,
7.convert it to .ADIF for LOTW for 144MHz Aurora,
8.convert it to .ADIF for LOTW for 432MHz Tropo,
9..convert it to Cabrillo for Gagarin Cup test via QO-100,
10.convert it to Cabrillo for test QO100 Challenge and others likewise

A. Get yourself an account on Github, like me: https://github.com/eu2aa/eu2aa.github.io
Register, enter your Call Sign as Login, Email, password, F.I. and mobile phone.
I use it mainly for storing image files, .PDF and ZIP, for which I created the appropriate directories.

I usually leave Github without signing out, i.e. without disconnecting.

B. Get yourself an account on Observable, like me: https://observablehq.com/@eu2aa
You do not need to enter a password, **the password from Github is suitable.** That's why it's **best NOT to exit Github.** From Observable, by the way, too.
If all the same Github or Observable “forgot” you, then click Sign in, and your computer will prompt you for a password.

1. **Log for satellite QO-100**
Click https://observablehq.com/@eu2aa/log-book
In the page that opens, at the top, click on the inscription **Fork.**
Please note that **you have copied** this page to yourself
and you are already on YOUR Observable! This can be done with any page of any Github user.

Editing the first text block.
At the top, on the left, next to each **text block** (when hovering with the mouse), three points.
Click and select Edit from the drop-down menu.
After that , similar text appears **below** the selected **text block ,** which can be edited.

In this case, the text md`

```
#EU2AA DXCC QO-100
### Log Book
`
```

edit text **only**
EU2AA DXCC QO-100 is the NAME of your page
Log Book is the title
and the first line is md` and a comma in uppercase leave **unchanged.**

To save, click the **blue** triangle >, and then **Publish.** This is the first time, at the first save, then we will press **>** and **Republish**

In the second line, we leave only one "sleeper" #, then Observable will assign EXACTLY SUCH NAME to your page.
Click on the three dots and close the text block — Close.

Editing the next text block
await logBook(`
Date | time | call | RST RX | RST-TX | QTH | name | Comment
2019-03-17 | 11:03 | LZ1ZB | 599 | 599 | KN12QO | Vlad|
and delete all my QSOs, except for one or two - for the sample.
It is convenient to simply copy the previous QSO with subsequent editing.
We enter the data of our QSOs, save. This is the current page, **it is better not to close it and keep it OPEN.**
After all, it will be replenished periodically.
Note. One text block has a maximum of 1000 lines, then you have to open the second block: **august=`**

2. **Log for 144**
Click https://observablehq.com/@eu2aa/144logbook
You don't need to edit anything.
... the rest is similar to paragraph 1

3. **Log for 432**
Click https://observablehq.com/@eu2aa/432logbook
You don't need to edit anything.
... the rest is similar to paragraph 1

4. **Log for 1296**
Click https://observablehq.com/@eu2aa/1296logbook
You don't need to edit anything.
... the rest is similar to paragraph 1

5. **Converter to .ADIF** for LOTW and QO-100 DX Club **for QO-100 satellite**
From the Log file according to claim 1, a universal ADIF file is created for LOTW and QO-100 DX Club
https://qo100dx.club/ Click https://observablehq.com/@eu2aa/adif-for-lotw

Click Fork, copy to yourself, edit.
Immediately go to the LAST line **toAdifQO100 =**
***ƒ*(desc)** edit it **in only ONE** place:

```
    return `<QSO_DATE:8>${date}<TIME_ON:4>${time}<CALL:${call.length}>${call}<MODE:$
{mode.length}>${mode}<BAND:4>13CM<FREQ:4>2400<BAND_RX:3>3CM
<FREQ_RX:5>10489<PROP_MODE:3>SAT<SAT_NAME:6>QO 100<MY_GRIDSQUARE:
6>KO34KI<RST_RCVD:${rcvd.length}>${rcvd}<RST_SENT:$
{sent.length}>${sent}<GRIDSQUARE:${grid.length}>${grid}
```

We change the KO34KI locator to yours.
close.

Further only USE of the converter.
Their Log according to clause 1 copy the blue line
2019-03-17 | 11:03 | LZ1ZB | 599 | 599 | KN12QO | Vlad|
and insert it into the block **in the line below** after
await toAdifQO100(`
2019-03-17 | 11:03 | LZ1ZB | 599 | 599 | KN12QO | Vlad|
You can also insert several QSOs in one block,

I tried 1000 QSOs,
but this requires manual dexterity in the possession of the mouse.
Text appears in the previous text block, but **in the desired .ADIF format**
<QSO_DATE:8>20190317<TIME_ON:4>1103<CALL:5>LZ1ZB<MODE:2>CW<BAND:4>13CM
<FREQ:4>2400<BAND_RX:3>3CM
<FREQ_RX:5>10489<PROP_MODE:3>SAT<SAT_NAME:6>QO
100<MY_GRIDSQUARE:6>KO34KI<RST_RCVD:3>599<RST_SENT:3>599< GRIDSQUARE:6>
KN12QO<EOR>
Note. Part of the line "driving" to the right outside the screen, but this is not a hindrance when copying.

I insert this text block into any editor, for example, simply by F4,
and today, December 5, 2021, I save with the name 211205.adi convenient for you. , but it is possible with another

6. **Converter ADIF 144 LOTW 144MHz Tropo**
From the Log file according to claim 1, an ADIF file for LOTW is created https://qo100dx.club/
Click https://observablehq.com/@eu2aa/adif-for-lotw-144mhz-tropo
You don't need to edit anything.
... the rest is similar to paragraph 5

7. **Converter ADIF 144 LOTW 144MHz Aurora**
Click https://observablehq.com/@eu2aa/adif-for-lotw-144mhz-aurora
You don't need to edit anything.
... the rest is similar to paragraph 5

8. **Converter ADIF 144 LOTW 432MHz Tropo**
Click https://observablehq.com/@eu2aa/adif-for-lotw/2
You don't need to edit anything.
... the rest is similar to paragraph 5

9. **Converter to Cabrillo for the Gagarin Cup test via QO-100**
From the ADIF file, a Cabrillo file and a text file for the Log are created according to claim 1
Click https://observablehq.com/@eu2aa/adif2cabrillo-gc
Click Fork, copy to yourself.
I use CQRLOG https://www.cqrlog.com/ in my tests , I like it, it works under Linux, it produces an excellent report
in .ADIF. However, I never managed to extract the Cabrillo. Requires to create Filters, but I still don't understand how.

We work:

Click the three dots on the first line
adif = and click Edit

In the window that opens below, after **adif**
=, paste the text of the .ADIF file from

CQRLOG, for example:
ADIF export from CQRLOG for Linux version 2.5.2 (001)
Copyright (C) 2021 by Petr, OK2CQR and Martin, OK1RR

Internet: http://www.cqrlog.com

<ADIF_VER:5>3.1.0
<CREATED_TIMESTAMP:15>20210416 110826
<PROGRAMID:6>CQRLOG
<PROGRAMVERSION:11>2.5.2 (001)
<EOH>

**<QSO_DATE:8>20210411<TIME_OFF:4>1943<STATION_CALLSIGN:5>EU2AA<CALL:5>E
W6FS<MODE:2>CW<FREQ:4>2400<BAND:4>13CM<RST_SENT:5>59929<RST_RCVD:5>5
9929<QSL_SENT:1>N<QSL_RCVD:1>N
<EOR>**

**<QSO_DATE:8>20210411<TIME_OFF:4>1920<STATION_CALLSIGN:5>EU2AA<CALL:5>DF
7CB<MODE:2>CW<FREQ:4>2400<BAND:4>13CM<RST_SENT:5>59929<RST_RCVD:5>599
28<QSL_SENT:1>N<QSL_RCVD:1>N
<EOR>**

**<QSO_DATE:8>20210411<TIME_OFF:4>1904<STATION_CALLSIGN:5>EU2AA<CALL:6>V
U2EEI<MODE:2>CW<FREQ:4>2400<BAND:4>13CM<RST_SENT:5>59929<RST_RCVD:5>5
9941<QSL_SENT:1>N<QSL_RCVD:1>N
<EOR>**

Attention! We look to "not trample" the uppercase comma at the end of the text block!

"Hat" is ignored, it may not be.
Press > and Refresh

Cabrillo
text

appears in the line res3 =

QSO: 2.3G CW 2021-04-11 1858 EU2AA QSO: 2.3G CW 2021-04-11 1904 EU2AA QSO: 2.3G CW 2021-04-11 1904 EU2AA QSO: 2.3G CW 2021-04-11 1920 EU2AA QSO: 2.3G CW 2021-04-11 1943 EU2AA

599 29 PR5KW 599 13
599 29 VU2EEI 599 41
599 29 4X1AJ 599 39
599 29 DF7CB 599 28
599 29 EW6FS 599 29

END-OF-LOG:
0000000001111111111222222222233333333344444444455555555566666666667777777778812345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

In the line
res4 = text

appears in the format of my Log **2021-04-11**
| 18:58 | PR5KW | 599 | 599 | | | | 2021-04-11 |
19:04 | VU2EEI | 599 | 599 | | | | 2021-04-11 |
19:04 | 4X1AJ | 599 | 599 | | | | 2021-04-11 |
19:20 | DF7CB | 599 | 599 | | | | 2021-04-11 |
19:43 | EW6FS | 599 | 599 | | | | which I insertinto
the Log according to clause 1

10. **Converter from ADIF to Cabrillo for QO100 Challenge test**
From the ADIF file, a Cabrillo file and a text file for the Log are created according to claim 1
Click https://observablehq.com/@eu2aa/adif2cabrillo-qo-100-challenge
Click Fork, copy to yourself.
CQRLOG https://www.cqrlog.com/ in tests , Linux, it produces a report, it works perfectly with ADIF, however, I never managed to extract the Cabrillo. Requires to create Filters, but I still don't understand how.

We work:

Click the three dots on the first line
adif = and click Edit

In the window that opens below,
after **adif =,** paste the text of

the .ADIF file from CQRLOG, for example:
ADIF export from CQRLOG for Linux version 2.5.2 (001)
Copyright (C) 2021 by Petr, OK2CQR and Martin, OK1RR

Internet: http://www.cqrlog.com

<ADIF_VER:5>3.1.0
<CREATED_TIMESTAMP:15>20211121 161346
<PROGRAMID:6>CQRLOG
<PROGRAMVERSION:11>2.5.2 (001)
<EOH>

<QSO_DATE:8>20211121<TIME_OFF:4>0037<STATION_CALLSIGN:5>EU2AA<CALL:6>IK5XLB<MODE:2>CW<FREQ:4>2400<BAND:4>13CM<RST_SENT:6>599047<RST_RCVD:6>599010<NAME:4>Luca<QSL_SENT:1>N<QSL_RCVD:1>N<GRIDSQUARE:4>JN53

<EOR>

<QSO_DATE:8>20211120<TIME_OFF:4>2350<STATION_CALLSIGN:5>EU2AA<CALL:6>DL6NAV<MODE:2>CW<FREQ:4>2400<BAND:4>13CM<RST_SENT:6>599046<RST_RCVD:6>599019<NAME:7>Juergen<QSL_SENT:1>N<QSL_RCVD:1>N<GRIDSQUARE:4>JN49

<EOR>

"Hat" is ignored, it may not be.
Press > and Refresh

Cabrillo
text

appears in the line **res3 =**

QSO: 2.3G CW 2021-11-20 2350 EU2AA QSO: 2.3G CW 599 046 DL6NAV 599 019 JN49
2021-11-21 0037 EU2AA 599 047 IK5XLB 599 010 JN53
END-OF-LOG:

```
0000000001111111111222222222233333333334444444444555555555566666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890123456789
```

In line
res4 =

text appears in the format of my Log
2021-11-20 | 23:50 | DL6NAV | 599 | 599 | JN49 | juergen | |
2021-11-21 | 00:37 | IK5XLB | 599 | 599 | JN53 | Lucas | | which
insert into the Log according to clause 1

73! If you have any questions or find errors, write to eu2aa@tut.by
Vladimir, EU2AA