## Exporting a QSO via UDP to a WEB server

## Introduction

It is given the possibility to export a QSO towards a WEB server via UDP, while recording a QSO (by pushing on the "**QSO->Log**" button or on the "**DXKeeper**" button).

Afterwards, for example for the udp.rdrclub server, the activity (spots) can be seen here: <u>https://udp.rdrclub.ru/spot/</u> (help on <u>https://udp.rdrclub.ru/help</u>).

Before exporting a QSO via UDP, it is necessary that your call sign (3 to 15 characters) such as recorded in your personal data be correct. Your Locator (4 or 6 characters, recorded in your personal data) is not compulsory

Your Locator (4 or 6 characters, recorded in your personal data) is not compulsory but it is recommended to add it.

Both pieces of information are immediately checked. If they are correct, it will be indicated "**Correct**" for both pieces of data in the "**Exporting a QSO via UDP to a WEB server**" box. Otherwise, click on the "**Personal**" button and complete the "<MY CALL>" field or the "<MY LOCATOR>" field.

Once the call sign correct, by pushing on the "Automatic transmission of the QSO", the QSO will be automatically transmitted to the WEB server, if one of the yellow buttons "QSO-->Log" or "DXKeeper" has been clicked.

Previously, it is necessary to write the server WEB IP address (figures separated by dots) or the FQDN address (characters separated by dots). The default address is "udp.rdrclub.ru".

The TCP port used, by default, is the number 52001 (sole port number associated to the "udp.rdrclub.ru" server). But it can be changed with the editor, from 1024 to 65535. So several occurrences of Multipsk could be started, each one connected to a different server UDP.

## Steps

Click on the "Logbook" button. It opens the Logbook window.

Where? Num	iber? S	Search	Look	-up DXł		iew Pa	athfin	der	Where?	>PSKRep	01101		s are in the logbook	
2 🔷 Call	Name	Freq Mhz		Mode U	r RST	My RS	ΤR	sι	Locator	QTH	Notes	Clear	Logbook QSO->Lo	og
F6CTE	Patrick	14.078	•	EM	599	599		J	N18FT	Maisons-Alf	Test	Cluster	L A DXKeeper Con	it F

Your call sign and Locator must be correct. Otherwise, click on the "**Personal**" button and see the next snapshot.

Edit the UDP server and its port number.

Once ready, push the "Automatic transmission of the QSO" button.

Exporting a QSO via UDP to a WEB server	
F9XYZ JN18AA Automatic transmission of the QSO IP (figures) of the server or FQDN addres	S:
Correct Correct (udp.rdrclub.ru)	
Personal Port (1024 to 65535): (52001) 520	001

If you have clicked on the "**Personal**" button, fill the "<MY CALL> and the <MY LOCATOR> fields. Once done, save them ("**Save**" button at the bottom of this window)

My personal data			
<my call=""></my>	<my name=""></my>	<my qth=""></my>	<my locator=""></my>
F9XYZ			JN18AA

Come back to the main window ("**RX/TX**"), fill the QSO data (the minimum being the call sign of the other Ham), then click on the "**QSO** $\rightarrow$ **Log**" button.

Where? N	lumber?	Search	Look	-up DXK	DXVie	w Pa	athfinder	Where	>PSKReporter	Options are in the logbook
2	Call Name	Freq Mn2	<u>م</u>	Mode U	RST M	y RS	I R S	Locator	QTH Notes	Clear Logbook QSO->LogD
 F6CTE	Patrick	14.078	•	EM S	99 5	99		N18FT	Maisons-Alf Test	Closter L A DXKeeper Cont F
the second se										

You will see your transmitted QSO on the https://udp.rdrclub.ru/spot/ WEB address.

08:52	BAND	FREQ	MODE	CALL	SPOTTER	
08:47	20m	14.078	EM	F6CTE	F9XYZ	

Here is an example of ADIF frame generated by Multipsk and then sent to the WEB server:

```
<PROGRAMID:8>MULTIPSK
<PROGRAMVERSION:6>4.48.6
<adif_ver:5>3.0.4
<eoh>
<BAND:3>20M <STATION_CALLSIGN:5>F9XYZ <MY_GRIDSQUARE:6>JN18AA
<CALL:5>F6CTE <NAME:7>Patrick <FREQ:6>14.078 <MODE:2>EM
<QSO_DATE:8>20240801 <TIME_ON:6>100113 <QSO_DATE_OFF:8>20240801
<TIME_OFF:8>100113 <RST_SENT:3>599 <RST_RCVD:3>599
<GRIDSQUARE:6>JN18FT <QTH:14>Maisons-Alfort <COMMENT:4>Test <EOR>
```