

Tučňák Contest Logbook

cross-platform, open source, sophisticated

DL7BST

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<http://www.dk0tu.de>

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Free Software and HAM Radio

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Introduction

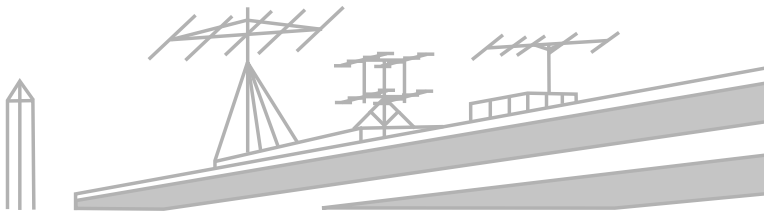
Installation

Setup

Demo

Cheat Sheet

Why?



Comparison Chart of OpenSource Logging Tools

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Tool	Call/Zones	QTF	MultiOp	Resources	Contest	CW	I/O	UI	OS	DEB-Pkg
cqrlog	(+)	+	+	noticeable	-		+	GUI	*nix	+
klog	(+)	+	-	small	-		+	GUI	*nix	+
QtLog								GUI		-
tlf	+	+	+	minimal	+		+	Shell	*nix	-
tucnak	+	+	+	minimal	+	+	+	Shell	multi	+
xlog	(+)	+	-	small	-		+	GUI	*nix	+
YFKtest	+	-	-	minimal	+		+	Shell	*nix	-

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http://www.dk0tu.de/Projekte/Freie_Inhalte/Amateurfunk/Software/

tučňák - Overview

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- ▶ Czech for penguin
- ▶ maintained by OK1ZIA, Ladislav Vaiz
- ▶ written in C
 - ▷ Tool: tucnak
 - ▷ Library: libzia
- ▶ primarily focussed on UHF/VHF - HF is evolving

²<http://tucnak.nagano.cz/wiki/logo.png>

tučňák - Features

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Tons of features

- ▶ standard logging features (dups etc), sure
- ▶ auto insertion/completion using databases: callsign, DXCC, WWL, CQ Zone, etc.
- ▶ rig control
- ▶ network capability: Multi-Multi stations and remote control
- ▶ world map
- ▶ recording, recorded CQ per Operator
- ▶ fast control via hotkeys or easy via mouse
- ▶ ...

Missing sth? *GNU GPL* OpenSource - implement it!

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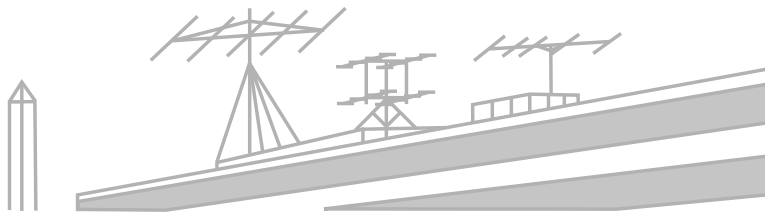
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<http://tucnak.nagano.cz/download.php>

- ▶ Packages: Debian, Windows, Android, Kindle, Asus EEE
- ▶ Sources for every platform you like to compile it



Example: Debian/Ubuntu

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Add repository to `/etc/apt/sources.list`:

64bit:

```
deb http://ok1zia.nagano.cz/debian/ok1zia binary-amd64/  
deb-src http://ok1zia.nagano.cz/debian/ok1zia source/
```

32bit:

```
deb http://ok1zia.nagano.cz/debian/ok1zia binary-i386/  
deb-src http://ok1zia.nagano.cz/debian/ok1zia source/
```

```
sudo apt-get update  
sudo apt-get install tucnak3
```

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or better use *aptitude* :-)

Setup

```

The ultimate contestlog - necessary as known ver. 3.28
[1:QSOs] - 2:Sked - 3:Talk - 4:DXC - 5:Unfi - 6:Stat - 7:KST - 8:Shell - 9:Map - 10:Scope - 11:QRV
WPM:26 50%
11:05:55

Welcome
Welcome to Tucnak!
Please enter your callsign and locator:

Callsign:
Your UWL:

[ Language ]
Font size: [ + ] [ - ]

[ OK ] [ Cancel ]

QTR CALL RST-S-No RST-R-No Pts/QRB QTF Flg Oper. Remark
SSB

rx [ ] [ LOAD ]
11:05 Tucnak directory is /home/bastla/tucnak
11:05 Can't open /dev/parport0 No such file or directory
11:05 Tip: try to run as root 'nknd /dev/parport0 c 99 0; chmod a+rw /dev/parport0'

```

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Demo: HF Contest Subwindow

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contest name → APRIL DX QJ
OK1HRA J060VI (OK1HRA)

needs mult window →

last 4 qso in log →

check calsign → OK3IAD RK3IJD

active band → 20m: rx: 3.57.0

QSO counter → 1847

wpm speed → 14.864.191

freq from trx → 14.864.191

active subwin → 10:ORV 011.HF

entry field dxcc → 05 K United States

score window →

distance and azimuth to actual dxcc → 7171 km, 307 deg

entry field → 20m: rx: 3.57.0

QSOs	QSO-p	OptX	W4Ls	DXCCs	Total-p	AVG
1845	5468	198	0	12	1182928	597.8

LAB	NE	Band	QSO	Point	Mult
10	0	0	0	0	0
15	216	648	42		
20	817	2486	55		
40	673	1989	54		
80	127	381	32		
160	12	36	7		
Sum:	1845	5468	190		
Score:		1102	920		

OTR — CRLL — RST-S-No RST-R-No Exch — Pts/QRB OTF Flg — Oper. — Remark
5991847 599 OK1HRA

21:11 Saved /home/hra/tucnak/20180228/g.txt
21:11 Saved /home/hra/tucnak/20180228/z.txt
21:11 *** Loading contest 20180228

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Now demonstration!

Hint: For Multi-Multi sync via NTP-Server first, e.g.

```
sudo ntpdate ptbtime1.ptb.de
```

Cheat Sheet

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[http://www.dk0tu.de/users/DL7BST/
tucnak/tucnak_Cheat-Sheet.odt](http://www.dk0tu.de/users/DL7BST/tucnak/tucnak_Cheat-Sheet.odt)

