My DX Summit

By Radio Arcala team, Tallinn Jan 2014

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DX Summit History

* The original DX summit was created by OH2AQ team in 1998 and it fast became the world leading DX spot channel changing the DX hunting for good
  * Jukka Salomaa OH2BUA and Antti Kantola OH5TB were awarded Yasme excellence award for the OH2AQ summit
* In 2008 Radio Arcala teamed up with OH2AQ to renew the summit using latest web and server technologies. The new summit debuted May 23, 2008.
  * Development was done by Admino Ltd and supported by Yasme foundation
  * Lot of user logic remained similar to the initial DX Summit to maintain continuity in the user space
  * Couple of feature updates were done over the years
* In 2013 desires for better User Experience sparked ideas for next gen DX summit with better personalization and utilization of more available tools and information channels
  * Especially Voacap OH6BG/VE3NEA and ClubLog by Mike/G7VJR

Summit Statistics

* Life time Aug 2008-June 2013
  * Total 5M users ?, 35M visits, over 1Bn pages, average stay 52 minutes, new visitors 16%, returning visitors 84%
  * Geographics: 1. W 9.8M, 2. DL 2.6M, 3. I 1.9M, 4. UA 1.7M, 5. JA 1.5M,,,10. OH 800k

	2008 2H	2009	2010	2011	2012	2013 1H
Total	2.6M	6.3M	7.1M	8.2M	7.9M	3.9M
# 1	W 0.77M	W 1.8M	W 1.9M	W 2.6M	W 2.3M	W 1.1M
# 2	DL 0.19M	DL 0.5M	DL 0.53M	DL 0.61M	DL 0.59M	DL 0.3M
# 3	G 0.15M	G 0.31M	I 0.39M	I 0.46M	I 0.44M	I 0.23M

Source: Google Analytics

My DX Summit v1 Key Features

* New user interface based on one page approach
  * All filters and key functions on one page
  * You can select filters very flexibly
    * Bands or band groups, Modes, Country, Zone (CQ/ITU), Call, Spotter
    * There can be multiple selections on, eg. 5W0+3.5MHz+7MHz+CW
    * Also a selection can be negated
* You can bookmark various selections as own pages or run in different browser windows/tabs in parallel
* QSO propagation prediction through VOACAP (OH6BG)
* Band Activity data from ClubLog
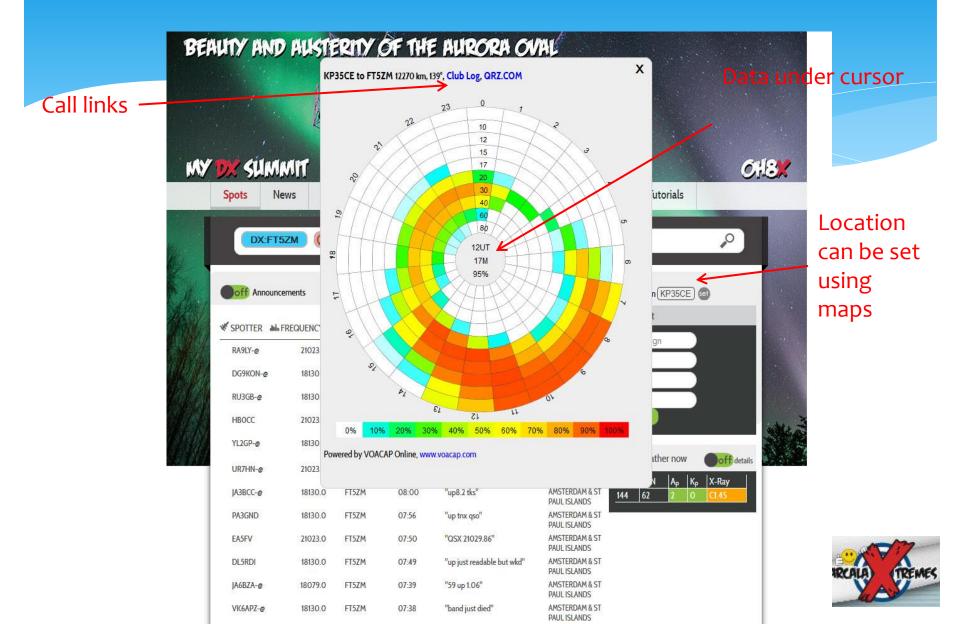* API to use DXSummit data externally in log programs and web pages

Main page

Filters

MY DX SUMMIT | OH8X

Spots | News | Spot history | Daily DX | Forum | Donate | Radio Arcala | Tutorials

DX:FT5ZM | ⊘ 28MHz | ⊘ 24MHz | + | dx | Search callsign | 🔍

on | Announcements

OH8TK	testi	00:21	27-12-2013
TEST	yrst	21:40	21-12-2013
OH8TK	testing with ie	12:16	21-12-2013
OH8TK	My nice message	18:30	20-12-2013
OH8TK	d	15:48	20-12-2013
OH8TK	and moar	23:02	12-12-2013

Send announcement: My callsign | Message | Send

📍 My location KP35CE set

Share spot

My callsign
DX
kHz
Info
Share

show 20 **50** 100 500 1000

SPOTTER	FREQUENCY	DX	TIME	INFO	COUNTRY
VK3SX	18130.0	FT5ZM	08:56	"Tnx New Band Country"	AMSTERDAM & ST PAUL ISLANDS
VK3TC	18130.0	FT5ZM	08:48	"QSX 18140"	AMSTERDAM & ST PAUL ISLANDS
RA9LY-e	21023.0	FT5ZM	08:36	"QSX 21.026.83"	AMSTERDAM & ST PAUL ISLANDS
DG9KON-e	18130.0	FT5ZM	08:32	"5-9"	AMSTERDAM & ST PAUL ISLANDS
RU3GB-e	18130.0	FT5ZM	08:26	"tnx QSO"	AMSTERDAM & ST PAUL ISLANDS
HB0CC	21023.0	FT5ZM	08:19	"up8 tnx"	AMSTERDAM & ST PAUL ISLANDS
YL2GP-e	18130.0	FT5ZM	08:18	"S1-2 all bands,VY POOR CONDX..."	AMSTERDAM & ST PAUL ISLANDS
UR7HN-e	21023.0	FT5ZM	08:13	"up5 pse ur QSL eQSLcc LotW"	AMSTERDAM & ST PAUL ISLANDS
JA3BCC-e	18130.0	FT5ZM	08:00	"up8.2 tks"	AMSTERDAM & ST PAUL ISLANDS
PA3GND	18130.0	FT5ZM	07:56	"up tnx qso"	AMSTERDAM & ST PAUL ISLANDS
EA5FV	21023.0	FT5ZM	07:50	"QSX 21029.86"	AMSTERDAM & ST PAUL ISLANDS

Space weather now | on details

SSN	62	Bz	-2.1
SSNm	61.6	SW	322.5
SFI	144	X-Ray	C1.36
SFI90d	151		
Aurora	2	Proton	0.164
Kt	0	Kp	0
At	6	Ap	2

OUTLOOK		Today	+24 h	+48 h
SFI		150	160	170
Ap		5	10	12
Max Hi-Lat Kp		2	4	4
Max Mid-Lat Kp		2	2	4

XTREMES

Set Filters

Voacap propagation

Call links

Data under cursor

Location can be set using maps

Search and Export

Key Technologies

Final Testing and Launch

* My DX Summit v1 is at its final stages of implementation
  * Main topic is to test with many browsers
* Next step is to do small scale testing and later increase the friendly user community
* Feedback page will be added to enable people to give ideas for development, report bugs, etc.
* Launch will take place in 1-2 months

Future Ideas

* Closer integration with ClubLog
    * ClubLog statistics utilized more
    * Use ClubLog as your log, which enables needed listings (country/band/mode)
* Further develop data exchange APIs to publish and use real time spot data in external applications
* Mobile version

Thank You