YAAC APRS PROGRAMININ KURULUMU VE AREDN PLUGIN İLAVESİ

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- 1- YAAC APRS Programı farklı platformlarda çalışabilmektedir. Windows versiyonunu https://www.ka2ddo.org/ka2ddo/YAAC.html adresinden indiriniz.
 - ← → C (🔒 ka2ddo.org/ka2ddo/YAAC.html

Welcome to YAAC - "Yet Another APRS Client"



YAAC is a (mostly) platform-independent Java application written by Andrew Pavlin, KA2DDO, for monitoring trademarked by Bob Bruninga, WB4APR).

YAAC is Free Software; it is an Open-Source program, licensed under the <u>GNU Lesser General Public License</u>, YAAC.

YAAC can be used as a stand-alone APRS client, an APRS RF-Internet gateway (I-Gate), or as a AX.25 digipeat written "plugins" to add more functionality. YAAC's map rendering does not depend on Internet connectivity, so

Here is where YAAC can be downloaded. If you would like to share information or questions about your use of yaac-users@groups.io.

Bug reports can be e-mailed to the above mailing list, or submitted to the <u>bug tracker on SourceForge</u> (note you v you don't already have one).

For more information about YAAC, you can read the author's presentation from the 2012 ARRL/TAPR Digital C

If you don't know what APRS is, visit Bob Bruninga WB4APR's authoritative website or look at this PowerPoint

Installing YAAC Running YAA

- <u>Conforming TAAC</u>
- <u>Configuring YAAC</u>
 Displaying Mana in VAA
- <u>Displaying Maps in YAAC</u>
 Cotting Halo and Barasting B
- Getting Help and Reporting Problems with YAAC
- 2- İndirdiğiniz zipdosyasını bir klasöre açınız. YAAC dosyasını çalıştırınız. YAAC APRS programı Java dilinde olduğundan bilgisayaraınıza java programını kurmanız gerekmektedir.

(AAC				- 0	×
aylaş	Görünüm				~ ?
> Bu	u bilgisayar 🔸 Yerel Disk (C:) 🔸 YAAC	~ ē		dasöründe ara	
^	Ad ^	Değişt	irme tarihi	Tür	Bo
	images	13.05.2	2023 12:09	Dosya klasörü	
)	lib	7.09.20	023 11:52	Dosya klasörü	
int	plugins	7.09.20	023 11:51	Dosya klasörü	
	upgrade	7.09.20	023 11:41	Metin Belgesi	
	YAAC	26.08.2	2023 18:46	Executable Jar F	ile
- L	🕌 YAACMain	26.08.2	2023 18:47	Executable Jar F	ile
10	YAACpluginSDK	26.08.2	2023 18:47	WinRAR ZIP arş	ivi

3- Programı çalıştırdığınızda konfigürasyon için istenen bilgileri sırasıyla aşağıdaki gibi giriniz.

	Configure YAAC × Enter Station Callsign
<	Enter the government-assigned callsign for this station. Do not specify an SSID suffix here. TA9J Select the SSID to use for this station instance on this callsign.
	Note that the SSID descriptions are recommended conventions.
	-10 Internet, I-Gates, Echolink, WinLink, AVRS, APRN, etc V
	< Back Next > Finish Help

Configure YAA	c
Specify Station Ty	/pe
What kind of sta (Select all that a	ntion are you operating?
Mobile	Digipeater/l-Gate Search & Rescue
Fixed	Weather
≭ \# Digi	~
Maximum digipe	at WIDEn-N limit: 3 🔶
What is the regio	on code? WIDE Maximum regional n-N: 3 🚽

Configure YAAC X						
Specify Default or Fixed Station Location						
What is the location of your station? (default or base location for mobile stations)						
Latitude: 40 - ° 33,07 - ' N -						
Longitude: 43 🗘 ° 03,39 🐳 ' E 🐳						
Do you have a GPS receiver?						
No GP S						
○ Yes, via Serial_GPS						
○ Yes, via GPSD						
○ Yes, via NMEA0183-over-TCP						
< Back Next > Finish Help						
Configure YAAC						

 \times

Add and Configu	re Interfaces				
Port #	Enable	Port type	Port Name		
Port1		AGWPE	Port1 with SoundCa		
Port2		APRS-IS	euro.aprs2.net		
Add So	rial KISS TNC Dort	Add Pocoivo	Only Konwood TNC Port		
Add Se	nal KISS INC POR	Add Receive	-Only Kenwood TNC Port		
Add V	Neather Station	٨	Add AGWPE Port		
Auu		AU			
Modi	fy Selected Port	Dele	te Selected Port		

Configure YAAC						
Finish Configuring Beacon						
Enable station beacon						
Show PHG Power: QRP \checkmark Height: 40 \checkmark Gain: 0 \checkmark Direction: omni \checkmark						
Free text: TA9J İsmail Çakmak, APRS-AREDN TEST						
< Back Next > Finish Help						

4- HELP>INSTALL menüsünden tüm plugin leri indiriniz.

2023)	
v Bookmarks Message	Help
BCN	About YAAC
Company of Company	Release Notes
Hen	Contents
P A	Index
5	Check for Updates
	Install Plugins

YAAC Plugins available for installation

File View Filter Query Message Window Help

Plugin name	Installe	Availab	Action	Description	
adsbplugin V0.5 V0.5		ADS-B air traffic receiver plugin	~		
aisdecoder	V0.5	V0.5	AIS decoder (for use with DireWo		
aprsisserver	V0.8	V0.8	pseudo APRS-IS for attaching of		
arednobjects	V0.6	V0.6		client to query AREDN station information	
bikestats	V0.2a	V0.2a		custom table extensions to support publi	
CallsignDB	V0.7b	V0.7b		Callsign lookup and local DB caching plu	
debug	lebug V0.1 V0.1 extra controls to aid field debug		extra controls to aid field debugging of YA		
demo	V0.5b	V0.5b		YAAC Stand-alone Demonstration plugin	
dynamicobjectsplugin	V0.6	V0.6		timer-based dynamically moving APRS o	
eventloggerplugin	V0.1	V0.1		basic file logger of APRS events	
madispost	V0.4	V0.4		MADIS CSV weather file exporting plugin	
marineports	V0.1a	V0.1a		Port drivers for maritime usage including	
pbbsplugin	V0.3	V0.3		Packet Bulletin Board System (PBBS)	
repeaterfinderplugin	V0.15	V0.15		Repeater station identifier plugin	
sampleplugin	V0.1	V0.1		Sample plug-in for YAAC	
smallscreen V0.9i		V0.9i		alternate YAAC GUI for low-resolution scr	۷
<				>	

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5- AGWPE Ses Kartı Packet Programını

https://www.sv2agw.com/downloads/default.htm adresinden indirerek kurunuz. Zip dosyasını bir klasörde açınız.

_						
I	Downloads	Developers				
		Set1 BLIY A N 64	14		r UKONSOLCUTISO	- Å
	Packet Engine					
	Program	Info	License	Trial	Download	Pay
	<u>Packet Engine</u> <u>Pro</u>	Packet Engine Pro Installation for Vista/Win7/Win8.1/Win10/win11.	Shareware	30days	Download	Bu
	<u>Packet Engine</u> <u>Pro-for Mac</u>	Packet Engine Pro for Mac osx.				
	<u>Packet Engine</u> <u>Pro</u>	Packet Engine Pro zip file No need Installation. Vista/Win7/Win8.1/Win10/Win11.	Shareware	30days	Download	Bu
	AGWPE.zip	AGW Packet Engine ver 2013.415 Win95/98/NT/2k/ME/XP/Vista/Win7/Win8.1/Win10	HAMware		Download	
	<u>Help File</u>	Packet Engine Pro Help			Download	

AGW Packet Engine dosyasını çalıştırınız. Bilgisayar

Ad ^	Değiştirme tarihi	Tür
http	30.08.1999 08:05	Dosya klasörü
AGW Packet Engine	15.04.2013 09:14	Uygulama
AGWPE.cnt	25.02.2000 13:05	CNT Dosyası
AGWPE	25.02.2000 13:11	Yardım dosyası
AGWPE	7.09.2023 13:10	Yapılandırma ayarl
🚳 agwpe.sys	14.04.2010 20:00	Sistem dosyası
🙅 brazil	29.02.2000 23:22	WinRAR ZIP arşivi
Danich	20.01.1000.12-55	MinDAD 7ID preivi
C		>

Bilgisayarınız sol alt köşede çıkan AGWPE ikonuna sağ maus ile tıklayıp



Aşağıdaki pencereden yeni bir port ayarlayınız.



The Setup	ommands	
Select Port COM2: e carefull for Modems like aycom etc need also the audrate. erialPort/modem audRate 3600	The Type Select Your The Model. SoundCard ✓ The Sub Type Select The special KISS Mode. KISS Simple ✓ Options	The Control Commands IniKiss1 IniKiss2 IniKiss3 ExitKiss On Exit SinglePort DualPort Quadraple Port
Tnc RadioPort Port Description (Frequency Port1 145.650Mhz 12	,BaudRate etc) 00baud	Ports Kiss Id
The RadioPort Port Description (Frequency Port1 145.650Mhz 12 Port2	,BaudRate etc) 00baud	Ports Kiss Id
The RadioPort Port Description (Frequency Port1 145.650Mhz 12 Port2 Port3	,BaudRate etc) 00baud	Ports Kiss Id 0 16 0

6- FILE>CONFIGURE>EXPERT MODE kısmından AGPGE Portunun ilave edildiğinden emin olunuz.

		~			
File View Filter Loca	ate	Query	Message	Bookmar	ks Winde
Load	>		0	BCN	
Save	>				0
Print					
OpenStreetMap	>				2
Topographic	×				
Configure	×	by	Wizard		
Close Window		Ex	pert Mode		
Exit Program		Ex	port to File	2 h3	
		Im	port Conf	iguration .	XML file

Config	ure												×
Demo	APRS-IS "Server"	Eve	nt Loaaer	MADIS	POST	PBBS	Repeate	r Finder	Small Screen	Sounds	Email	Weat	her Alert
General	Transmit D)igipeat	Ports	Beacon	Status	P	references	Behavior	AREDN	Statistics	Callsig	jn DB	Debug
Port#			Enable				Port type			Port Name			
Pott2	Potte		\checkmark			APRS-IS		euro.aprs2.net					
Port			\checkmark			AGWPE			Port1 with S	oundCard	On COI	/2: 145.6	
					Add	E	an Dele	ete					
						Close	Help						

Değilse manuel olarak AGPE ve APRS-IS portlarını ilave ediniz.

🜒 Edit Port			×						
Port type APRS-IS V The port type cannot be changed. To make a different type port, delete this port and add a new one.									
APRS-IS Server Host name: euro.aprs2.net V Retry connect indefinitely									
APRS-IS Server Port #:	14580 ~								
Callsign:	TA9J-10								
APRS-IS password:	••••								
APRS-IS Filter:									
	Click here for filter expression help.								
	Click here for status of APRS-IS server.								
Transmit:	Enabled \sim								
Connection type: Direct O SOCKS proxy Beacon name Enabled on thi									
SOCKS server host:		default							
SOCKS username:		TA9J-10							
SOCKS password:			¥						
Test Port									
	Save Cancel	Help							

🜒 Edit Port

Port type AGWPE V The port type cannot be changed. To make a different type port, delete this port and add a new one.									
۲	Specify by host d	omain name 🛛 S	specify by Service Disco	very name					
GWPE Server Host name:	localhost	~							
GWPE Server Listening Port#:	8.000 🜩								
GWPE server username:									
GWPE server password:									
GWPE Port name:	Port1 with Sound	Card On COM2: 14	5.650Mhz 1200baud $\!$]					
Callsign:	TA9J-10			4					
Transmit:	Enabled ${\scriptstyle \lor}$	-							
		Radio on H	IF bands						
)igipeats for port:	Alias	Enable		Beacon name	Enabled on thi				
	WIDE1-1	\checkmark	^	default	<u> </u>				
	WIDE2-2			TA9J-10					
	TEMP1-1		*		~				
Protocols: APRS OpenTRAC Raw AX.25									
Times	lotted Transmissi	on Control							
Check to timeslot transmissions Cycle length in seconds:									
Transi	mit offset from sta	irt of cycle: 0 🛓	Timeslot length in sec	onds: 10 🔹					
		Save Cance	el Help						

7- Programın çalışır haldeki görüntüsü aşağıdaki gibidir.

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TA9J-10 - YAAC 1.0-beta186(26-Aug-2023)

File View Filter Locate Query Message Bookmarks Window Help



YAAC programını kurup çalıştırdığınızda hem bir APRS I-GATE DIGI ve AREDN Plugin sayesinde local ağınızdaki AREDN Nodları aprs.fi adresinde otomatik olarak yayınyalacaktır.

