

Generic Client User's Guide

javAPRSSrvr 4.3.3

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Section 1 - Introduction

GenericClient extends net.ae5pl.aprssrvr.MessagingClientRcv and therefore requires javAPRSSrvr to provide the network interface and packet parsing. It provides access to posit generation, status generation, and telemetry (file-based) generation inherent in the base InternalClientRcv. It also supports the ?APRSP, ?APRSS, and ?APRST queries.

Section 2 - Program Requirements and Description

GenericClient is designed to run on any OS and Java VM supported by javAPRSSrvr.

Section 3 - Configuration Properties

The configuration properties reside in properties files for each client adjunct, server adjunct, and port. The main properties file is called javaprssrvr.properties by default. You can use any text file for the main properties file if you pass the name into javAPRSSrvr as a command line parameter.

The property names are not case sensitive but the values can be. Defaults are shown below.

NOTE: UNLESS YOU REQUIRE A SETTING OTHER THAN THE DEFAULT, DO NOT INCLUDE ANY PARAMETERS WITH DEFAULT SETTINGS.

List parameters (L) may be defined on the property line or may be defined in a text file with the suffix .lst. If defined on the line, each entry is separated by a semicolon. If defined in a file, each entry is put on a separate line in the .lst file and the file name is the property value. Do not put blank lines in the file. For instance, this could be a definition for ListProperty (example only):

```
ListProperty=first.aprs.net:1313;second.aprs.net:1313
```

Or you could have the following 2 lines in a file named hubs.lst:

```
first.aprs.net:1313  
second.aprs.net:1313
```

with ListProperty=hubs.lst

Properties preceded by a (M) are unchangeable and should not be included in your properties files. They are included in the descriptions below to indicate what common properties are available vs. those that have been forcibly overridden.

javAPRSSrvr Properties

Clients=

(L) This must include the GenericClient properties file.

Generic Client General Properties

ClassPath=

(Deprecated)(L) Must be set to GenericClient.jar.

Class=

(Deprecated)Must be set to net.ae5pl.genericclient.GenericClient.

ClientType=

Set to Generic

StationCall=

This is the callsign-SSID for GenericClient.

It must be different from javAPRSSrvr's userCall (the server's callsign-SSID), be unique world-wide, and conform to APRS-IS standards.

(M)Upstream=false

(M)FullFeed=false

(M)ReadOnly=false

(M)LocalOnly=false

(M)ServerCommand=

(M)FixedCommand=false

(M)LoginCommands=

(M)MessageHoldTime=-1

(M)LastHeardTime=-1

All other internal client options are available.

Section 4 - Recommended Configurations

I recommend that all settings not requiring change be left out of the properties file.

Section 5 - Installation Instructions

You must include GenericClient.jar in the ClassPath property in your GenericClient properties file if started with the deprecated -jar switch.