**Options**
**Title:** APRS Sig...el Keyring)
**Author:** gr-linux-crypto
**Copyright:** Copyright 2024
**Description:** APRS ...keyring.
**Output Language:** Python
**Generate Options:** QT GUI

**QT GUI Entry**
**ID:** signed_message_file
**Label:** Signed Message File
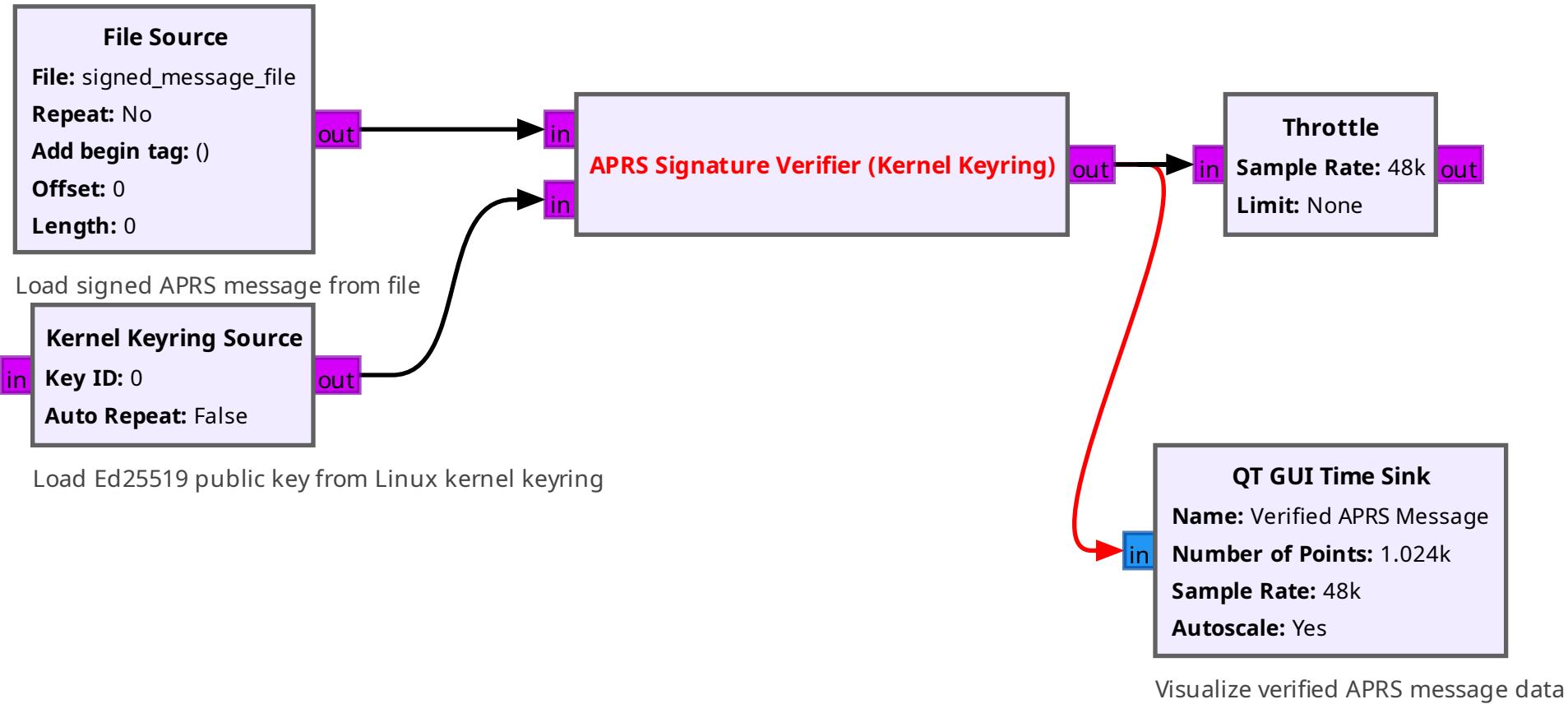**Default Value:** /tmp...ion.bin

Path to file containing signed APRS message

**Variable**
**ID:** samp_rate
**Value:** 48k

Sample rate for processing

**QT GUI Entry**
**ID:** public_key_file
**Label:** Public K... (optional)
**Default Value:**

Path to Ed25519 public key file (PEM format) - optional if using kernel keyring

**File Source**
**File:** signed_message_file
**Repeat:** No
**Add begin tag:** ()
**Offset:** 0
**Length:** 0

out

Load signed APRS message from file

**APRS Signature Verifier (Kernel Keyring)**

in
in
out

**Throttle**
**Sample Rate:** 48k
**Limit:** None

in
out

**Kernel Keyring Source**
**Key ID:** 0
**Auto Repeat:** False

in
out

Load Ed25519 public key from Linux kernel keyring

**QT GUI Time Sink**
**Name:** Verified APRS Message
**Number of Points:** 1.024k
**Sample Rate:** 48k
**Autoscale:** Yes

in

Visualize verified APRS message data

**QT GUI Entry**
**ID:** key_id
**Label:** Kernel Keyring Key ID
**Default Value:** 0

Linux kernel keyring key ID containing Ed25519 public key