

SDRuno 1.4

- Plugin System
 - Benefits for both developers and end users
 - New features can be added without waiting for SDRuno releases
 - Path to more integrated systems in the future (decoders, demodulators, etc.)
 - Template source code
 - Documented
 - Access both the input IQ stream and the demodulated IQ stream as well as take advantage of the powerful post-processing capabilities of SDRuno
- ANYONE can develop a plugin!



Our Plugin Roadmap

- DAB/DAB+ (Now)
- Audio Recorder – PCM WAV and MP3 output (Now)
- ADS-B
- DX Cluster
- MPX output – to interface with RDS Spy
- Direction Finding – to work with the RSPduo

(We are very interested to see what plugins the community can create)



Other SDRuno 1.4 Features

- Auto LO mode in Zero-IF
 - (default 11 kHz offset between the VFO and the LO)
- Stereo Wideband FM audio distortion fixed
- Able to start SDRuno 1.4 with a WAV file instead of an RSP
- Auto start the stream
- Squelch has been improved – now dBm instead of dBfs
 - Visible line and enable/disable button in the SP1 panel
- 2 extra levels of zoom in the SP2 display
- Status bar less intrusive
- Bug fixes



SDRuno 1.4 Release Plan

- Different to previous SDRuno releases
- 1.4 to be released as open beta next week!
- 1.33 to be left on downloads until 1.4 is fully released
- We will setup a system for 1.4 beta feedback



SDRuno Roadmap

- Road to cross platform...
- Release highlights
 - 1.41 – Generic scheduler – not just for timed recordings, but for more general purpose actions in SDRuno
 - 1.42 – Remote server/client – server will be cross platform
 - 1.43 – Memory panel/scanner improvements
 - Memory panel to have more fields for things like scanner thresholds per frequency
 - Scanner to record statistics
 - 2.0 – Cross platform! Windows/x86, Linux/x86 & Mac OSX



Other software...

- Steve Andrew's Spectrum Analyser
 - 1.1 – adds support for RSPdx and RSPduo master/slave
 - Releases on Monday!
- Raspberry Pi Image
 - 0.7 – adds support for RSPdx and RSPduo master/slave
 - Switch focus to this after SDRuno 1.4 open beta release
- SoapySDRPlay
 - Support added for API 3.x – <https://github.com/SDRplay/SoapySDRPlay>
- Gnu Radio
 - Work to start soon on source blocks to support API 3.x

