

OpenSonATA Installation

- OpenSuse Linux 10.3 or 11.1
 - Standard Linux software selection
 - Add XFCE, basic development, kernel development, C/C++ development
- OpenSuse Package Dependencies
 - automake, autoconf, gmp, mpfr, libtool, m4
 - gcc, java, javac, tcl, mysql, swig, expect
 - gnureadline, doxygen, stlport
 - Apache Tomcat, pp3, tex, ImageMagick

OpenSonATA Installation(2)

- Additional Downloadable Package Dependencies
 - ACE, fftw, xtail
- External Packages within the OpenSonATA release
 - CppUnit, tclreadline
- OpenSonATA Source
 - Configure and make sse-pkg
 - Configure and make sigproc-pkg
- Configure Environment variables, paths

OpenSonATA Installation(3)

- Configure for Multicast
 - Kernel
 - Routing tables
 - Set Maximum Packet Size (MTU) to 5000
- Create SonATA database
- Run Testing scripts
 - runpacketgen (simulated data packets)
 - runchannelizer (channelization)
 - rundx (signal detection)
 - runsse -sonata (Control System)
 - startssedd (Data Display)