

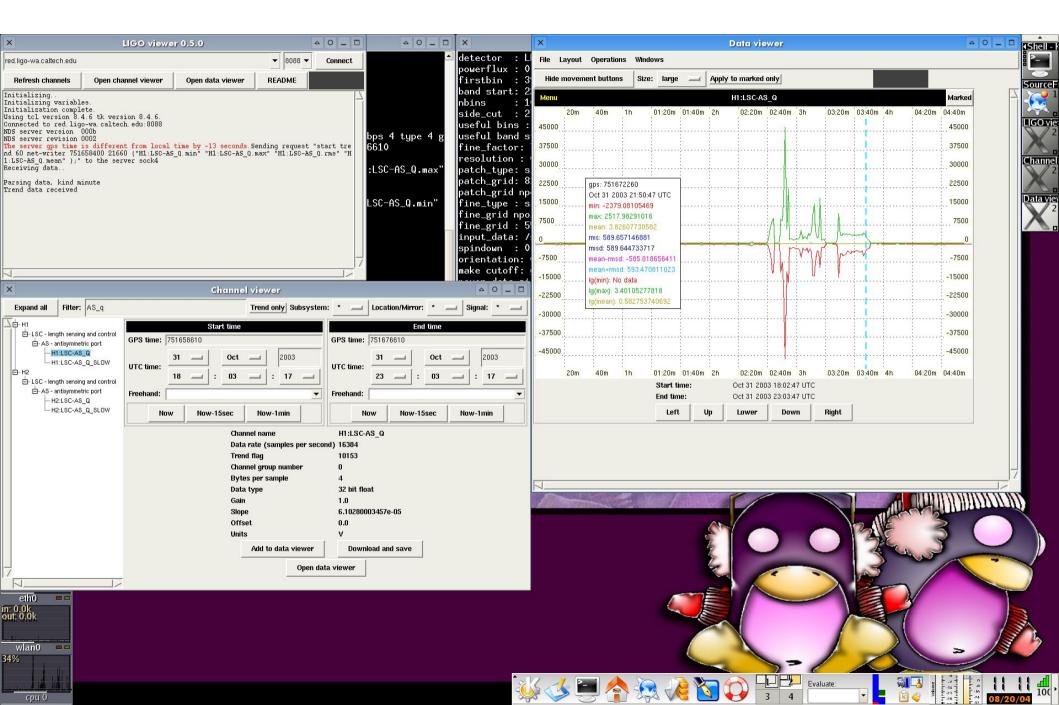
# Introduction to ligo viewer

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## LIGO viewer



# Capabilities of latest version

- Displays trend data from any available channels on multiple graphs
- Linux/Unix and Windows versions available
- Works from any computer that can access NDS proxies
- Linux/Unix version is able to use SSH to tunnel to any computer with tclsh that has access to NDS proxy
- Can retrieve data and save it locally in CSV format
- Can produce Postscript plots
- Can save plot settings for future reference

#### Installation

- LIGOtools binaries available from <a href="http://www.ldas-sw.ligo.caltech.edu/ligotools/">http://www.ldas-sw.ligo.caltech.edu/ligotools/</a>
- Source and Windows versions do not require LIGOtools. Available at <a href="http://volodya-project.sourceforge.net/ligo\_viewer.php">http://volodya-project.sourceforge.net/ligo\_viewer.php</a>
- README file describes how to setup SSH tunnel
- Linux/Unix source version can be run right after compilation by typing ./ligo\_viewer.no\_install
- To install Windows version simply unpack the tarball in any directory

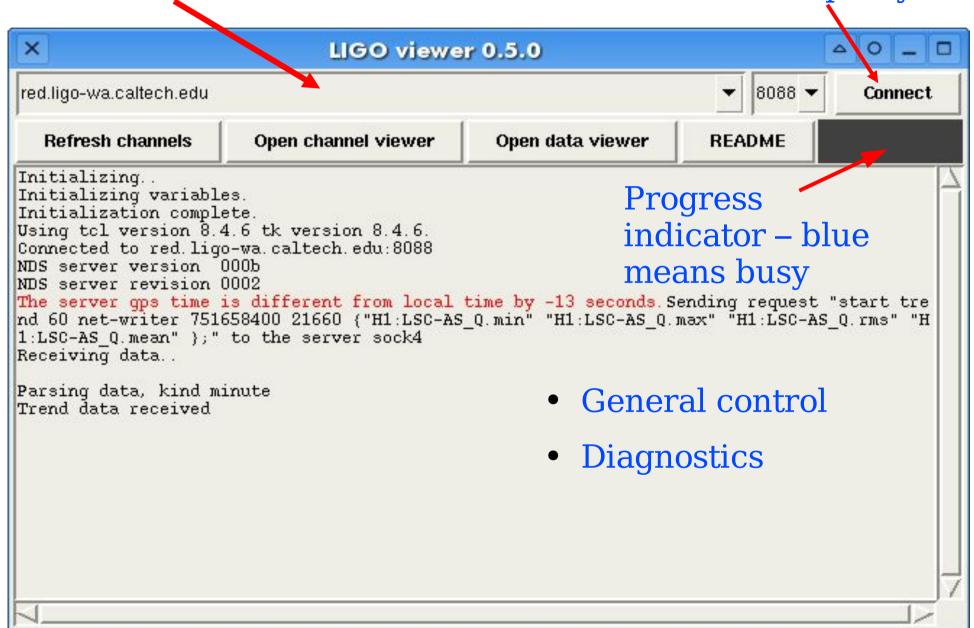
#### Source installation

- Make sure a version of Tcl/Tk is installed should be standard with most distributions
- Download source tarball (e.g. ligo\_viewer-0.5.0b.tar.gz) to your Linux/Unix workstation.
- Unpack: tar zxvf ligo\_viewer-0.5.0b.tar.gz
- Enter directory: cd ligo\_viewer-0.5.0/
- Run configure: ./configure
- Run make: make
- Test compilation: ./ligo\_viewer.no\_install
- (Optional) install as root: sudo make install

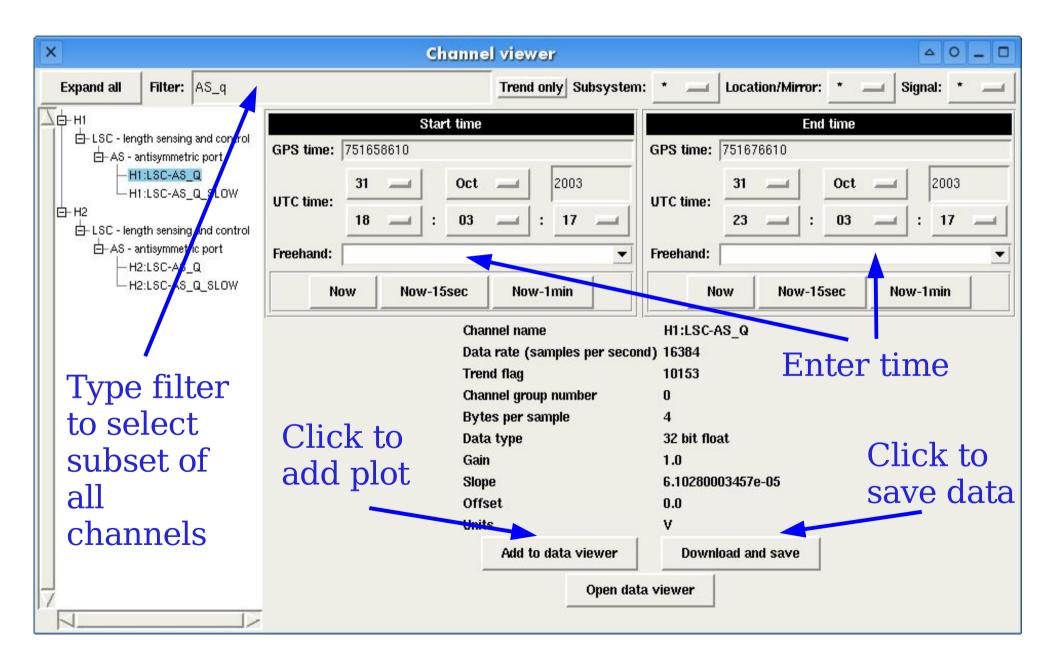
#### Choose NDS proxy to select between LHO and LLO

### Main window Click connect to

access proxy



### Channel viewer window



### Data viewer window

