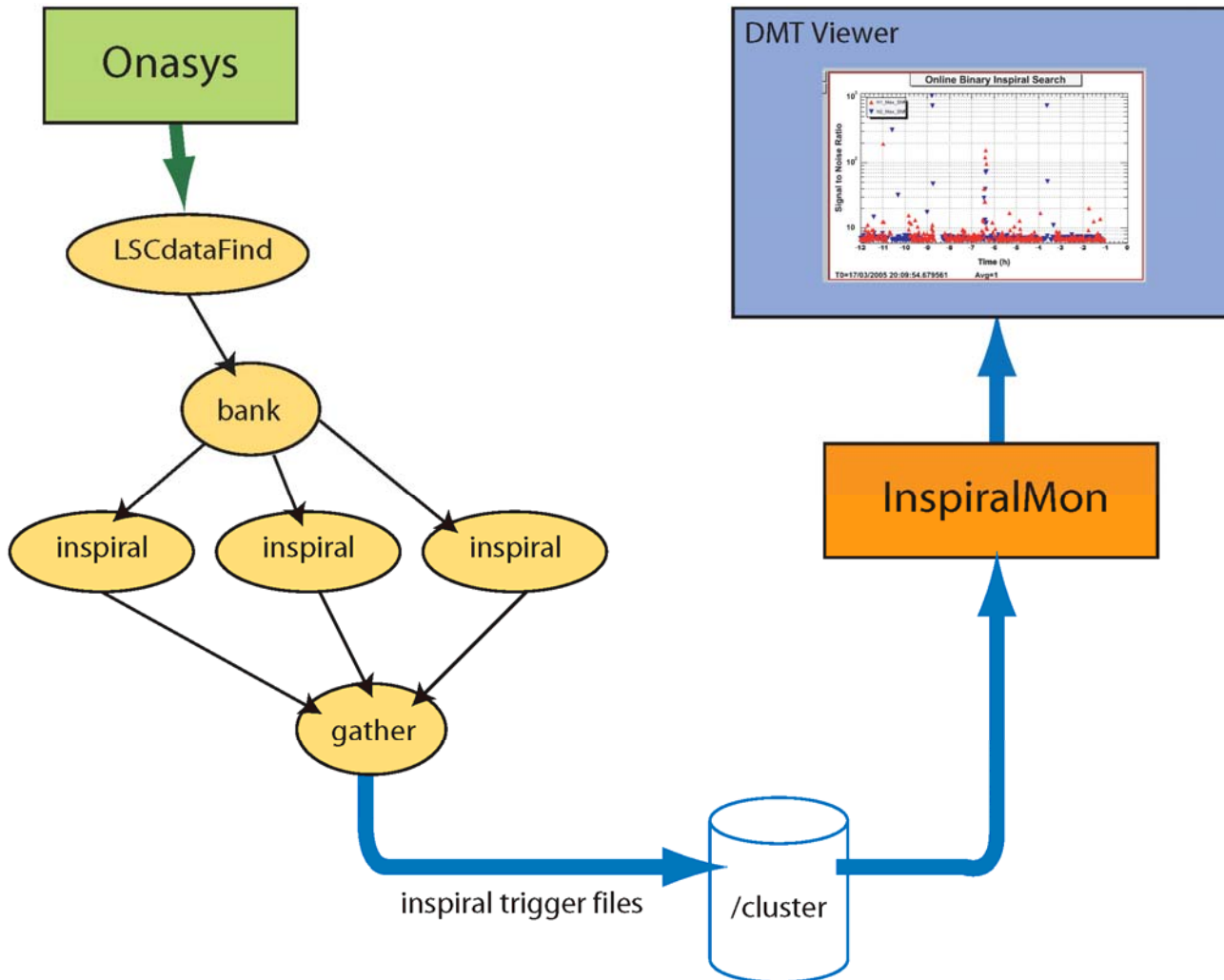# InspiralMon

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Introduction

- Goal is to provide low latency feedback from online inspiral search to scimons and operators in a familiar format

- InspiralMon is not really a monitor… (does not generate inspiral triggers)

- Watches for new output from the online inspiral search

- Create summary information for display in DMT Viewer

How does it work?

What information is available?

- Number of inspiral triggers per 60 seconds

- Minimum, mean, maximum of inspiral trigger SNR every 60 seconds

- Time series showing if data has been analyzed

- Histogram of trigger SNR for last 2, 6 and 12 hours
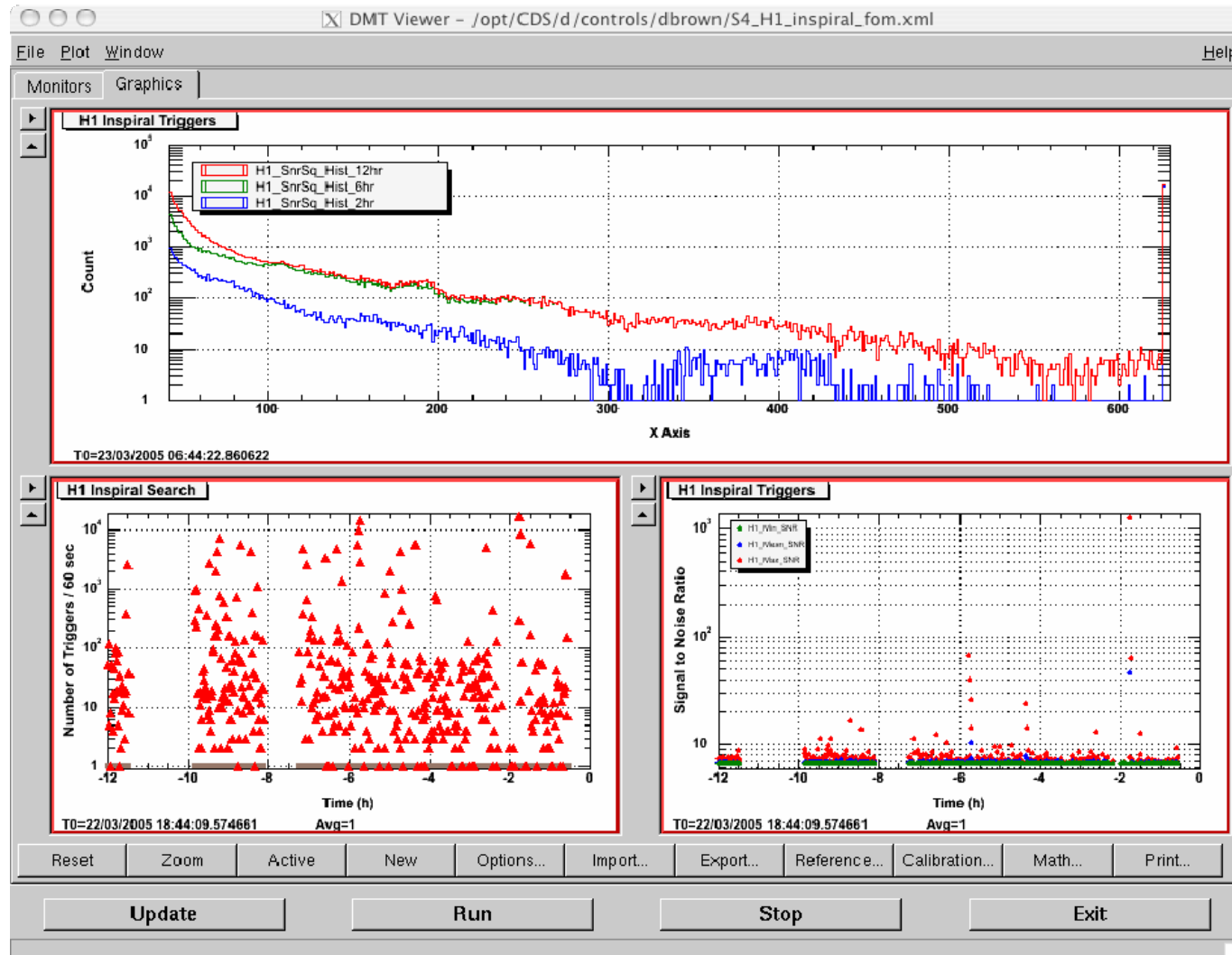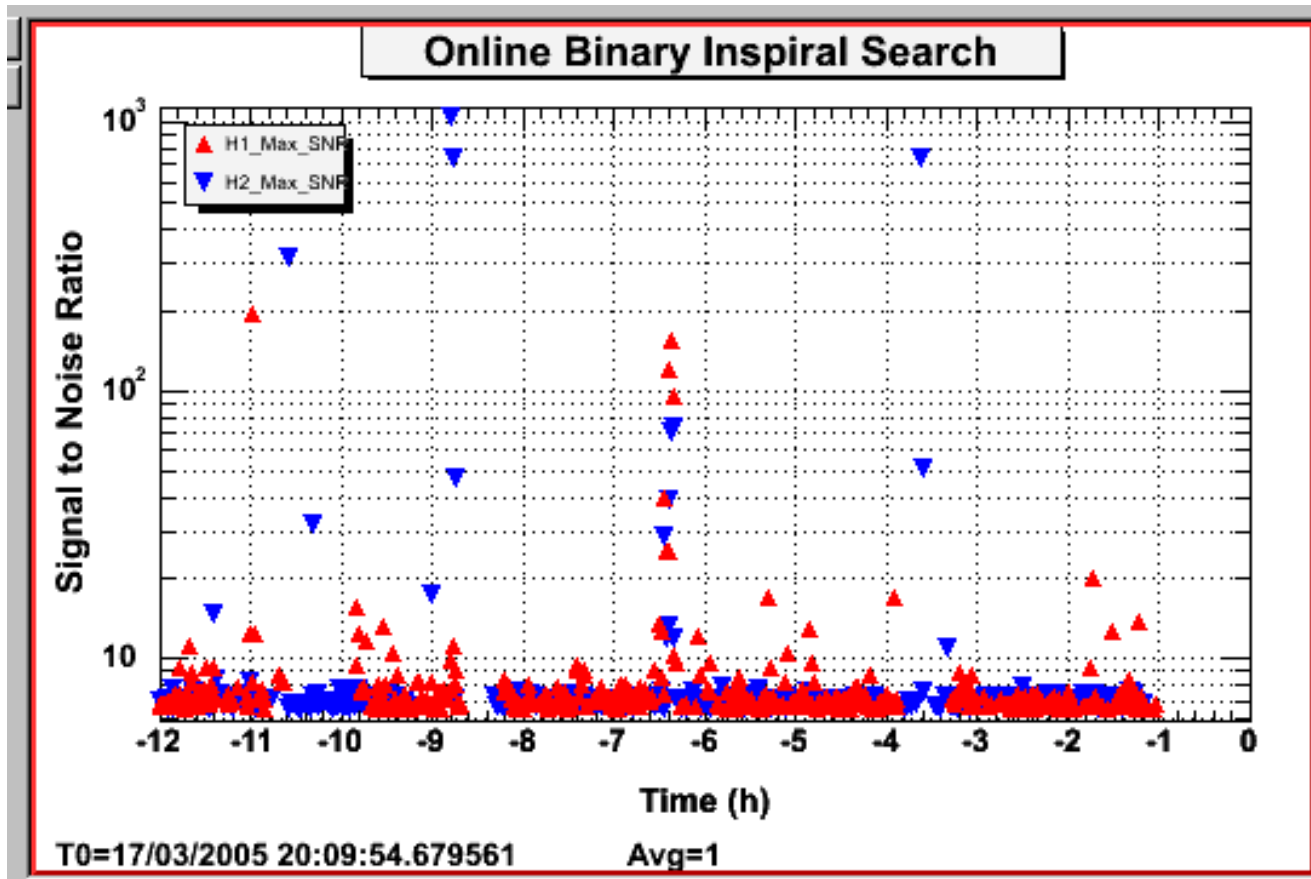
DMT Viewer Display

Figure of Merit

http://blue.ligo-wa.caltech.edu/scirun/S4/SciMonCheck/InspiralMon.html

What's next?

- Store summary information in trend frames

- Reduce latency of inspiral trigger generation
  - » Between 5 and 15 mins

- Nothing in InspiralMon is really inspiral specific…
  - » Class to watch for new trigger files
  - » Class to generate summary information

- Generalise summary class to other online searches
  - » Excess Power (Kipp Cannon)

- Keep it running between now and S5