



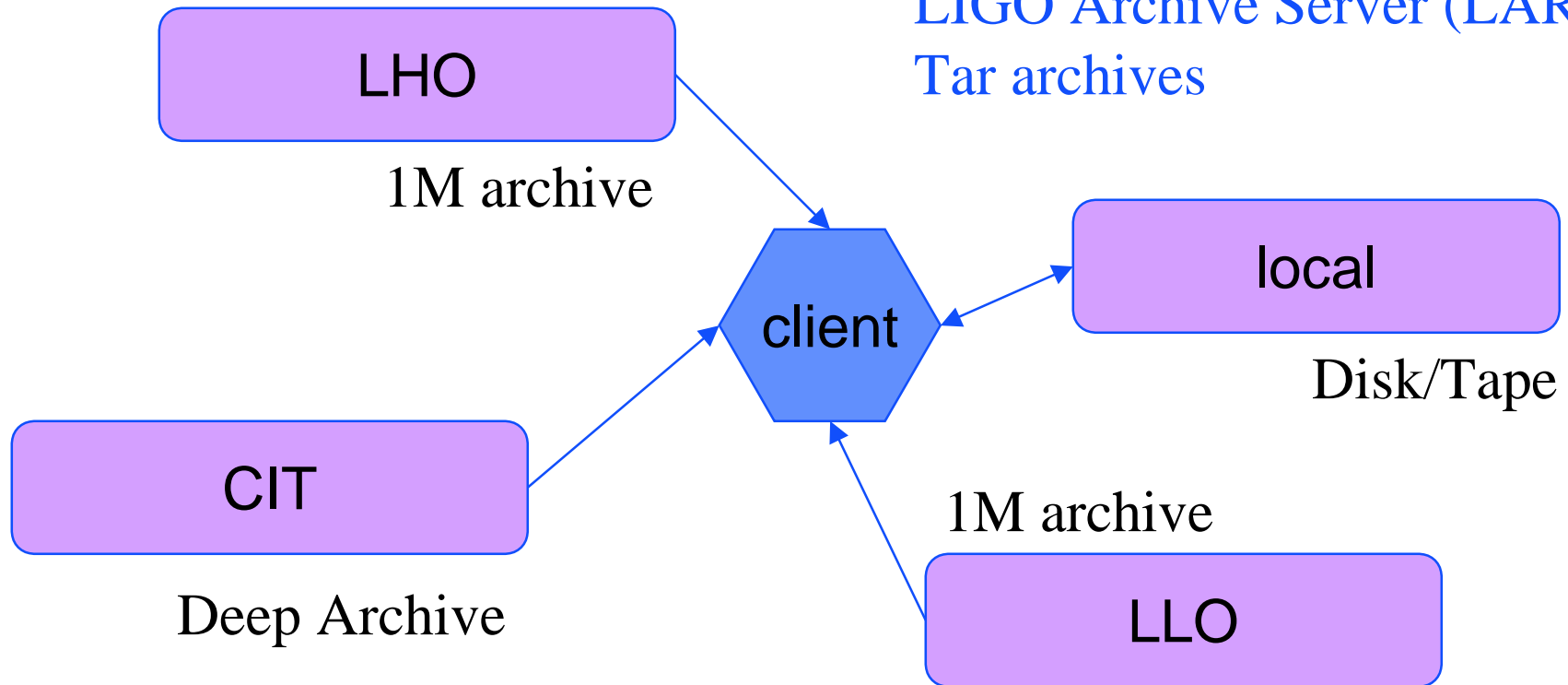
Streamlining LIGO Data Access (LiDaX)

LSC meeting, March 16, 2001
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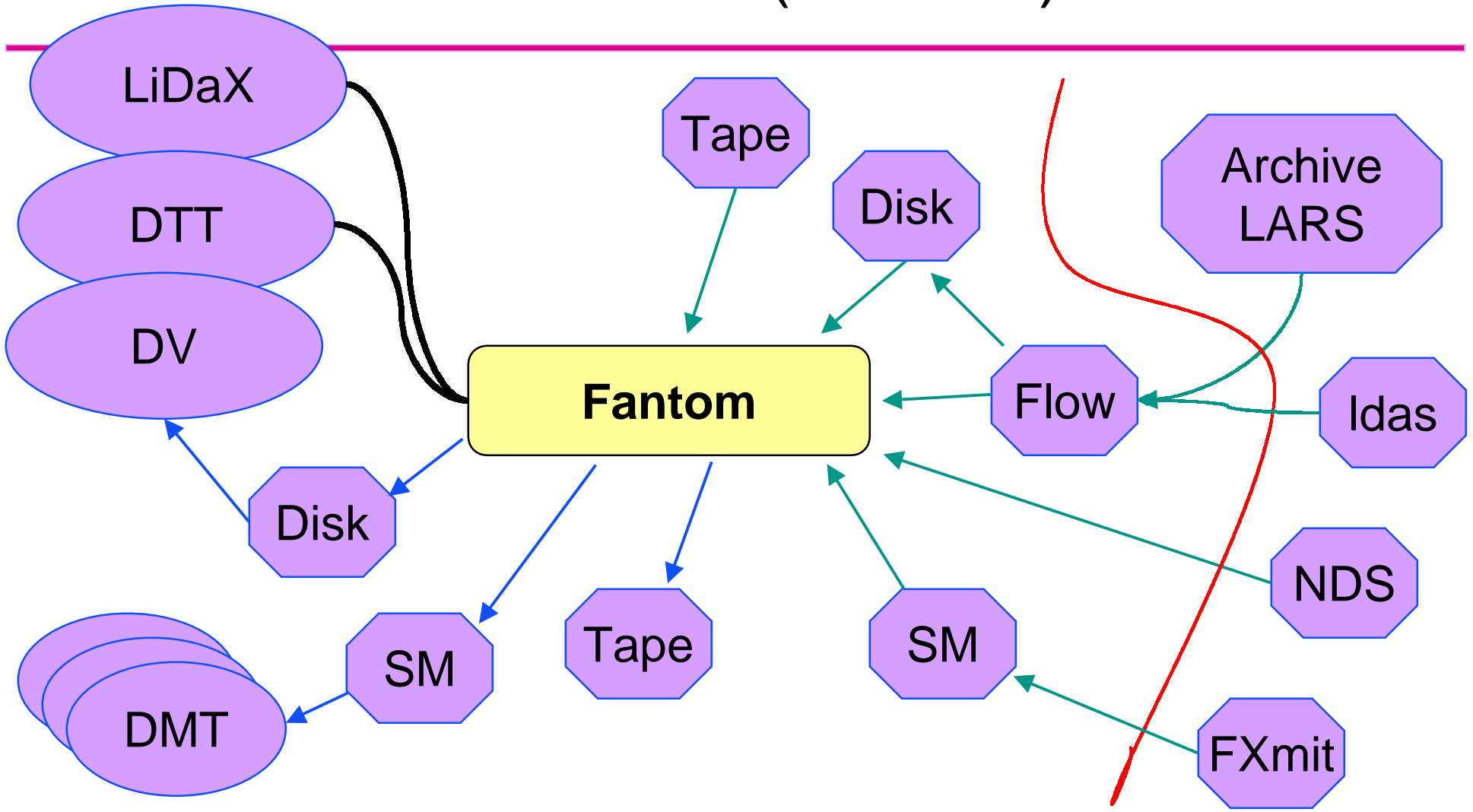
Data Sources

Formats: Network Data Server (NDS)
Frame files
LIGO Archive Server (LARS)
Tar archives





Frame And Nds Translation Module (Fantom)





Main Features

- ❑ Multiple input
 - LARS, Disk, Tape, Shared memory, NDS
- ❑ Multiple output
 - Disk, Tape, Shared memory
- ❑ No restrictions on frame formats
- ❑ Time and channel selection
- ❑ Staging
- ❑ Command line interface / GUI
- ❑ Feeding data to DTT/DV/DMT



Graphical User Interface

The image shows two overlapping graphical user interface windows. The background window is titled "LIGO Data Access (LiDaX)" and contains several sections for configuring data access. The foreground window is titled "Time Selection" and displays a table of data segments and options for selecting a specific segment.

LIGO Data Access (LiDaX) Configuration:

- Source:** Server: single, Local file system; UDN: /export/raid2/E3cross/pem@#3600; Channels: H0:PEM-BSC10_MAGZ L0:PEM-EX_MAG1X; Start GPS: 668315615 sec, 0 nsec; UTC: 11/3/2001 dd/mm/yy, 3:13:22 hh:mm:ss; Duration: 1 sec, 0 nsec; Keep: 0:30 hh:mm.
- Destination:** Client: single, Local tape drive/robot; UDN: /dev/rmt/0n; Channels: (empty); Format: Len: 32, Num: 1, Compr.: None, FF.
- Progress:** Log file: lidax.log; Web page: lidax.html; Dialog box: checked.

Time Selection Window:

List

Seg	Start Date	Time	Stop Date	Time	Duration
▶ 001	9 March 2001	17:41:23	9 March 2001	22:22:37	16874
▶ 002	9 March 2001	22:22:41	10 March 2001	3:00:00	16639

Buttons: Set start, Set both, Set stop

Selected

Type: Start/Duration Start/Stop Stop/Duration

Start GPS: 668194896 sec, 0 nsec; UTC: 9/3/2001 dd/mm/yy, 17:41:23 hh:mm:ss; Stop GPS: 668211770 sec, 0 nsec; UTC: 9/3/2001 dd/mm/yy, 22:22:37 hh:mm:ss; Duration: 16874 sec, 0 nsec.

Buttons: Now, Ok, Cancel