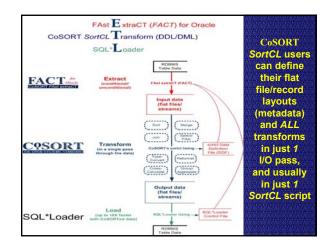
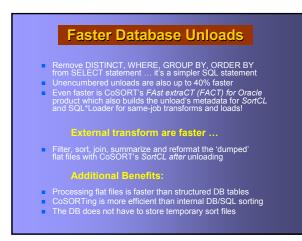


Using CoSORT to Perform and/or Accelerate Data Warehouse ETL Use CoSORT's FACT & SortCL for Flat-File ETL Tool - Row/column extraction. cleansing, aggregation, integration, ordering, converting, segmenting, reformatting, and load acceleration - ETL operations can be performed by CoSORT much faster on flat files, and usually in a single script, and in a single pass through the data Use CoSORT Tools to Speed Third-Party ETL Tools - Informatica PowerCenter - Exclusive CoSORT/SortCL pre-session sort and cleanse. Aggregate with "sorted ports" option. - Ascential Data Stage XE - Exclusive CoSORT Plug-In sorts 10x faster than native stage - Or, add Sequential File Stage prior to aggregation using CoSORTed input and output files. Define sorted fields to aggregation stage.

Sagent, Kalido, Embarcadero, Ab Initio

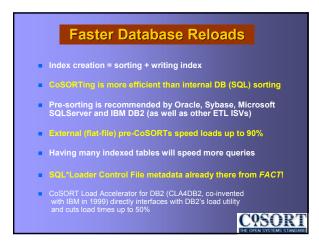
Existing or pending direct hooks to CoSORT or SortCL engine(s)

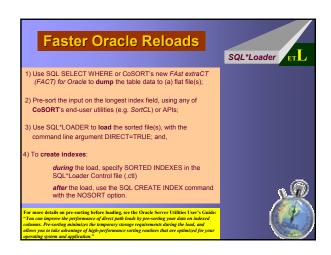


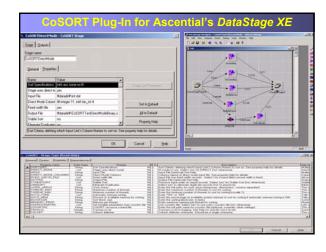


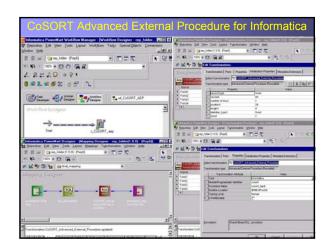






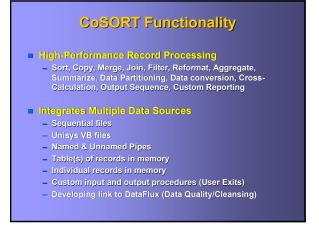












CoSORT Technical Specifications

Supporting 100+ data types

Binary integer Edited numeric
Bit Embedded sign
Character Float

Date/time Packed decimal
Double Unsigned decimal

Multiple Collating Sequences

- Standard (ASCII, Folded ASCII, EBCDIC, MF and RM COBOL, Multinational, Timestamps)
- ACUCOBOL-GT Vision (index) files
- LOCALE (operating system defined), IP Addresses
- User-defined (multiple compare procedures)
- 'mcs' API supports 1-pass, multi-sort jobs

