NatCDC
The Natural Change Data Capture Solution for ADABAS
Fact Sheet

As ADABAS handles Store, Update or Delete transactions that occur against files, the specific details of each transaction can be optionally recorded in a sequential file called the ADABAS Protection Log (commonly referred to as the PLOG).

While the primary purpose of the PLOG is for use as a data recovery mechanism in the case of a system failure affecting ADABAS, the data contained in the PLOG is ideal for use as a data source in providing Change Data Capture (CDC) from ADABAS. The problem is that PLOG data must be carefully processed in order to convert the data into a usable format.

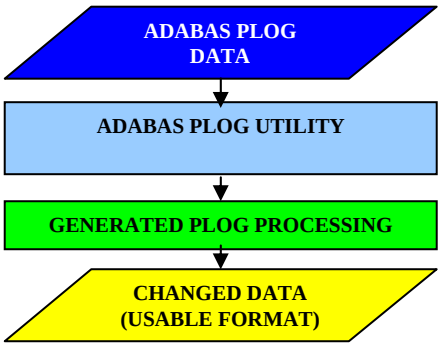
Fortunately: Software AG delivers utility programs with ADABAS that are specifically designed to work with PLOG data.

Unfortunately: These existing utilities fall very short of providing a complete solution for delivering PLOG data into a usable format.

The plain truth of the matter is that any organization requiring CDC from ADABAS ***can*** successfully hand-write custom processing to leverage these existing PLOG utilities (in fact, many have). This hand-written approach however does not lend itself to the rapid delivery of needed CDC. Also, once these custom CDC processes are written they become in-house applications that must be maintained if file layouts change (which they often do), and/or the requirements of CDC changes (which they always do).

The NatWorks answer to CDC processing is simple: We deliver a solution that leverages the PLOG utilities Software AG provided with ADABAS, and we provide for the graphical generation of the NATURAL programs to handle the output of these utilities to produce usable CDC from ADABAS.

This approach results in a low-cost, high-performance CDC solution that utilizes the raw horsepower already present in a Software AG environment, and which generates or re-generates complete, ready-to-execute CDC processing in minutes.



Straightforward processing - simplified.

General List of Features:

- All generation is accomplished from a full GUI
- Optional delivery of either "Optimistic" or "Committed" transactions
- Optional delivery of Delta images, Logical First and Last images, or All images
- Converts all ADABAS Data from EBCDIC to ASCII, and properly handles difficult data types like ADABAS Date and Timestamp fields
- Optionally generates files that describe the layout of the final delivered data so that the delivered data can be immediately integrated into ETL tools such as Ascential Software and Informatica
- Optional generation of an Offset Report for manual integration to desired targets
- Integration to server achieved by automated FTP
- Output is delivered in Fixed-Length format with the capability to easily drop un-needed fields.
- Full reporting on all transactions processed

Supported Platforms:
OS/390, VSE, UNIX, Linux, and Windows

Supported Versions of ADABAS:
OS/390, VSE

- Version 6 or Higher (7 Recommended)

UNIX, Windows, and Linux

- Version 3.2 or Higher

Supported Versions of NATURAL:
OS/390, VSE

- Version 2.2 or Higher

UNIX, Windows, Linux

- Version 5 or Higher

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