IBM WebSphere® Data Interchange V3.3

Audit Trail

Agenda

- What is the WDI Audit Trail enhancement?
- How does the new Audit Trail differ from WDI 3.2?
- How is the Audit Trail activated or configured?
- When is the Audit Trail updated?
- How is the Audit Trail viewed?
- How is the Audit Trail maintained?

# What is the WDI Audit Trail enhancement?

- The WDI Audit Trail logs entry for each change to a WDI object
- The Audit Trail is database / system dependent
- Controls on Audit Trail logging include
  - Making it active or inactive
  - Specifying if update reasons must be entered
  - Specifying other options
- Viewing of changes as a separate list
- A tool for maintaining the log entries is provided

How does the new Audit Trail differ from WDI 3.2?

- With WDI 3.2, only the last user, date and time of a change were logged
- Only Client changes were logged
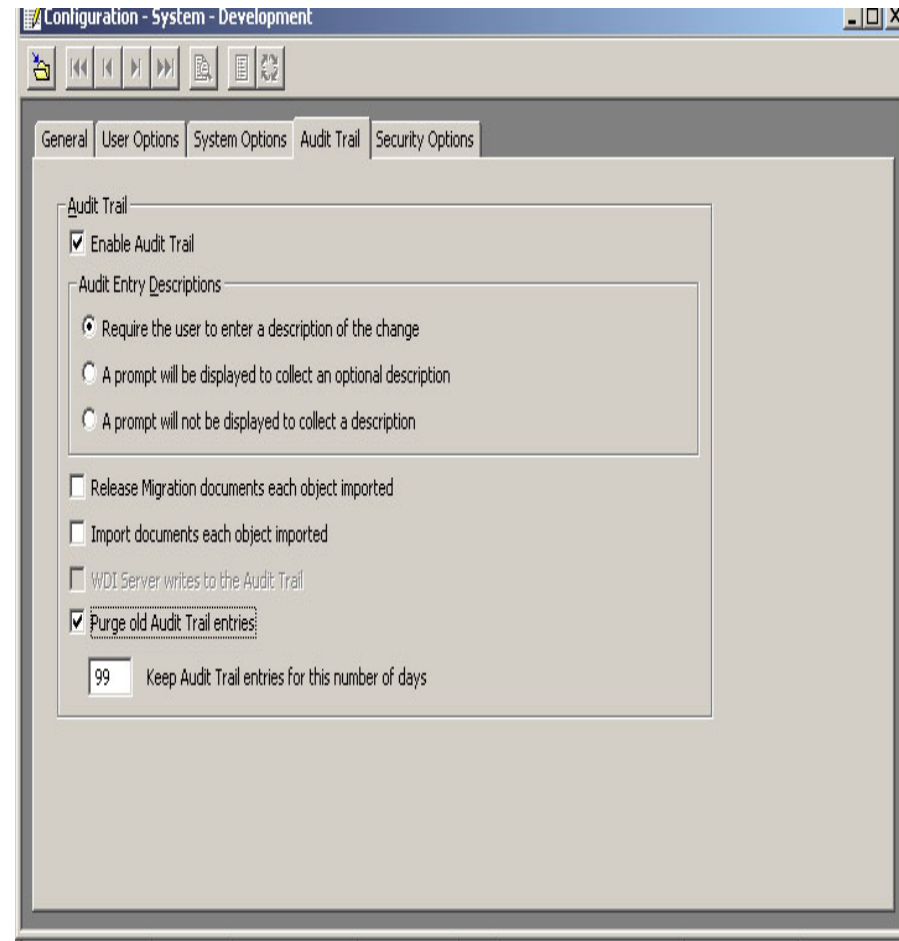- The log feature was not optional

How is the Audit Trail activated or configured?

- To activate the Audit Trail on a database
  - ➢ Open the System definition of the database, and select the Audit Trail tab
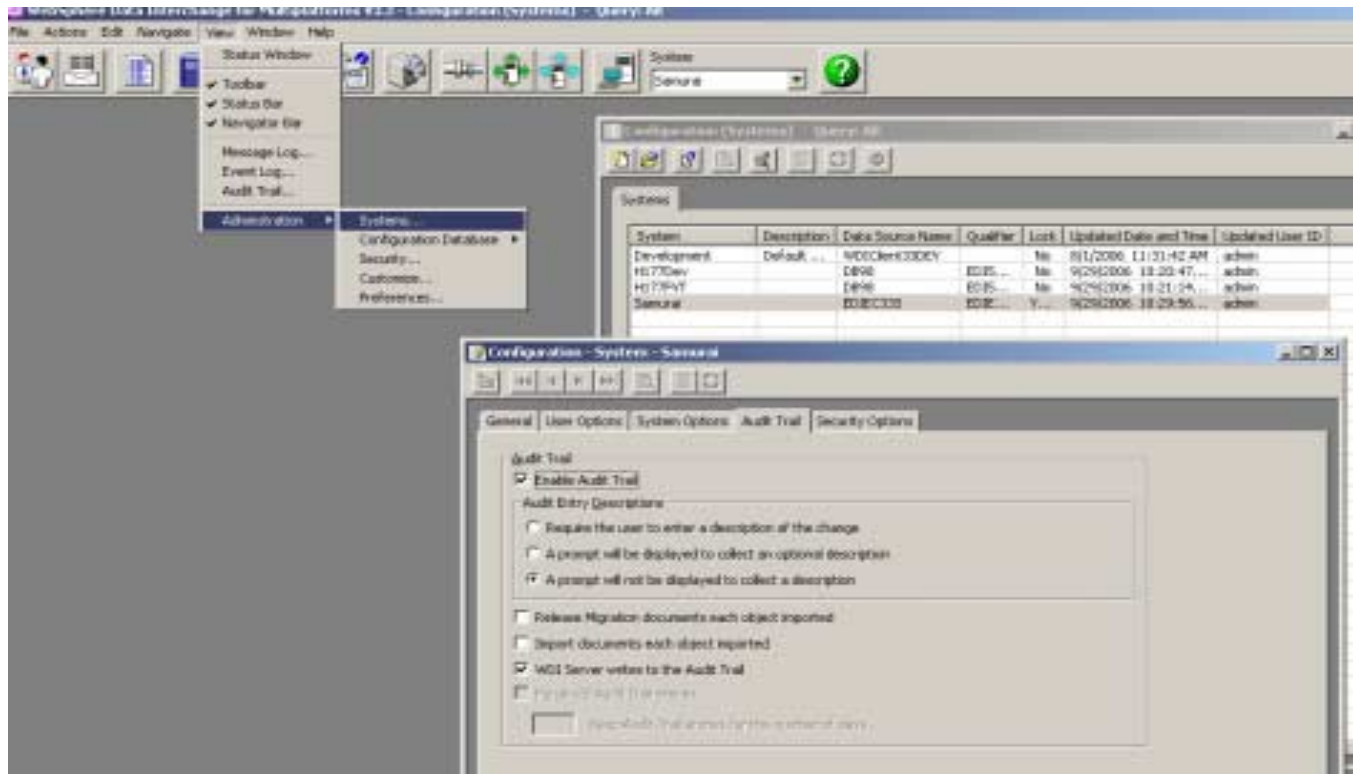
How is the Audit Trail activated or configured? (Contd.)

- Is audit trail logging active?
- Choose the option for each entry
  - ➢ Must one key a reason?
  - ➢ Is a reason optional?
  - ➢ Are reasons not required?
- Will all objects be documented?
- Should the Server update the Audit Trail on import?
- Should the Audit Trail be purged automatically after a specified number of days?
- The Development database does not support logging of Server imports.

Configuration - System - Development

General | User Options | System Options | Audit Trail | Security Options

Audit Trail
☑ Enable Audit Trail

Audit Entry Descriptions
◉ Require the user to enter a description of the change
○ A prompt will be displayed to collect an optional description
○ A prompt will not be displayed to collect a description

☐ Release Migration documents each object imported
☐ Import documents each object imported
☐ WDI Server writes to the Audit Trail
☑ Purge old Audit Trail entries

99   Keep Audit Trail entries for this number of days

How is the Audit Trail activated or configured? (Contd.)

- The configuration database stores Client objects, like Queries, preferences, and systems
- Options are the same as for Runtime databases, except that the Server Import option is not available
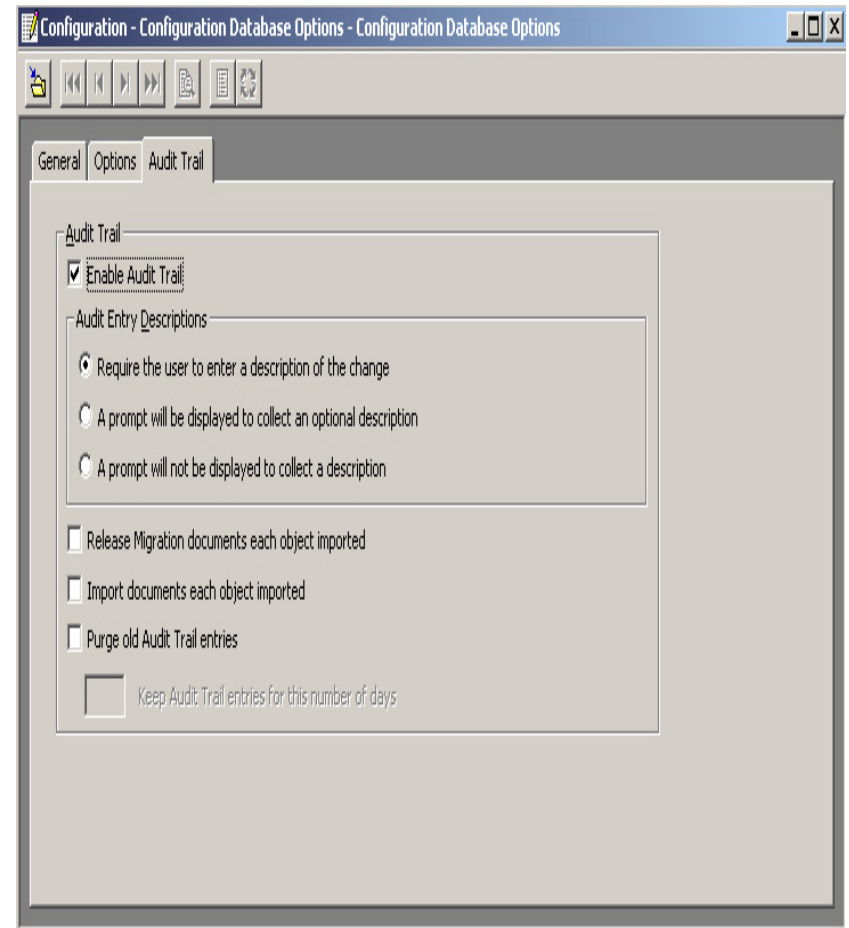
When is the Audit Trail updated?

- When enabled, Audit Trail entries are created when an object is changed
- This includes Adds, Deletes, Updates, and Imports
- Export is not logged, nor is Viewing an object
- The Server Import (PERFORM IMPORT) will update the Audit Trail if specified

How is the Audit Trail viewed?

- With the System desired in focus, select View->Audit Trail, and the Audit Trail list window will be displayed
- Double click on an entry to Open the log entry view
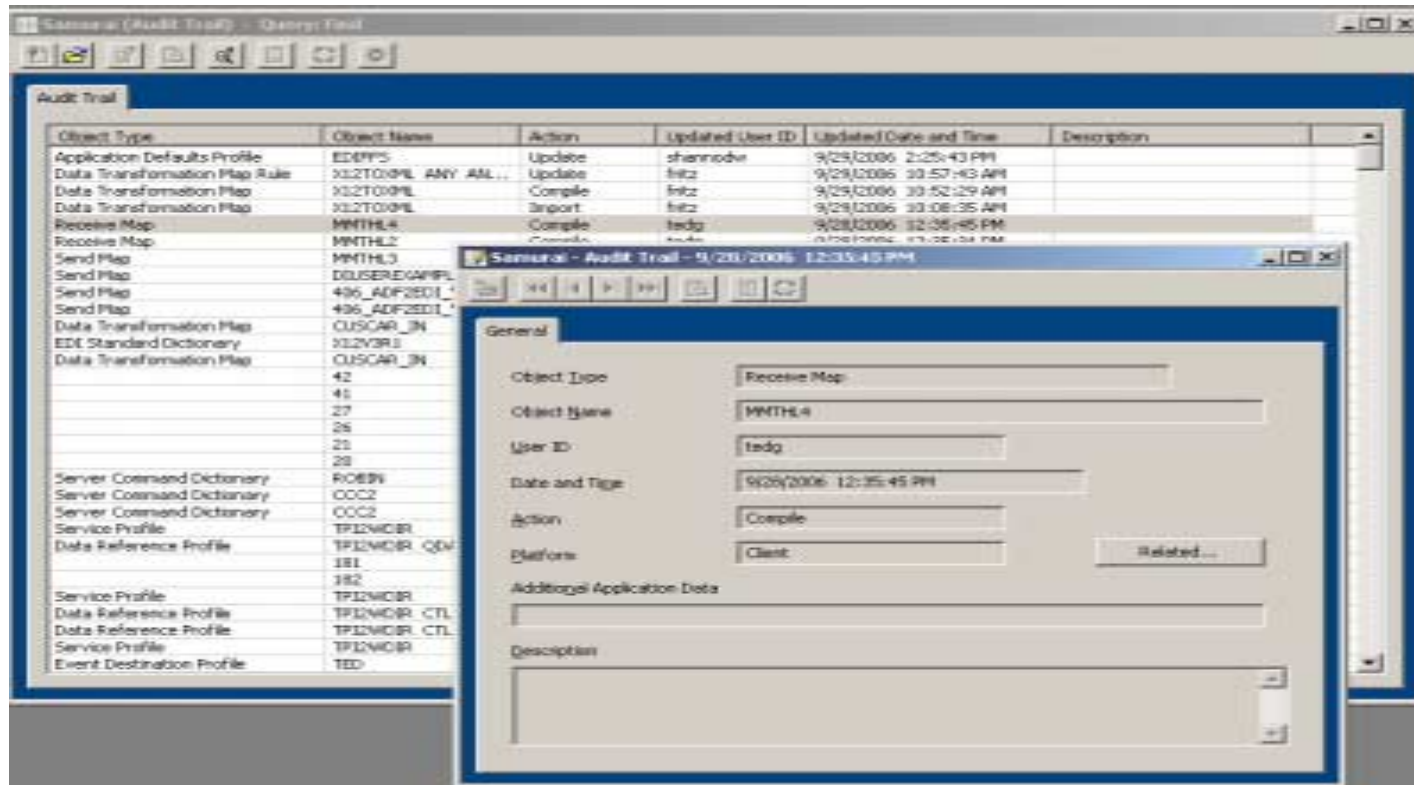
How is the Audit Trail maintained?

- Audit Trail configuration allows for specification of purging the audit trail entries after a number of days
- A batch job can also be used, by way of the PERFORM REMOVE AUDIT TRAIL WHERE …
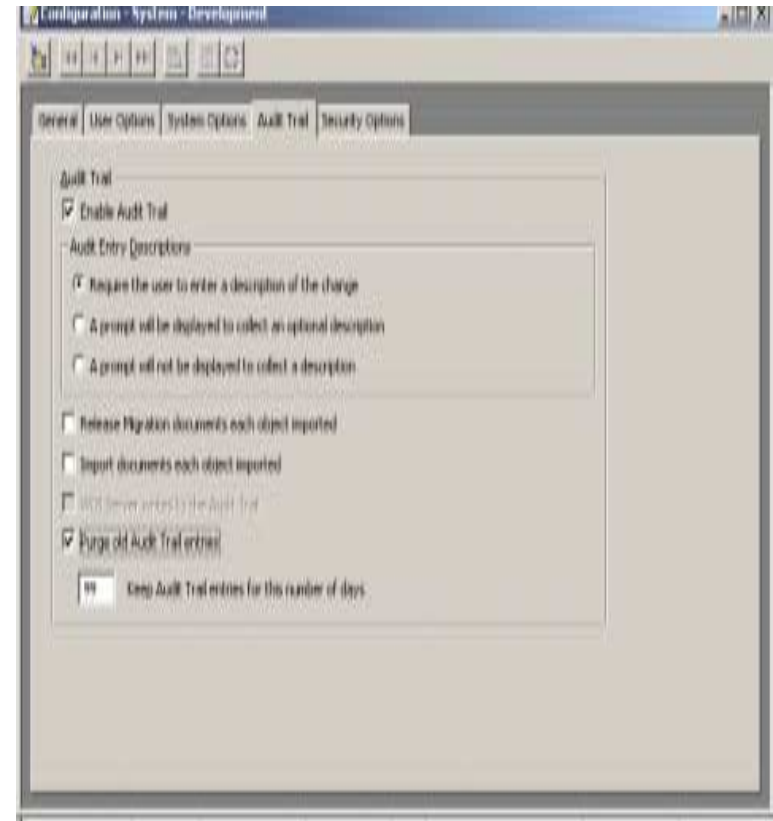
Perform Remove Command

- **PERFORM REMOVE AUDIT TRAIL** LOGDATE(*starting date*) TO(*ending date*) LOGUSER(*starting user ID*)

- Examples:

  PERFORM REMOVE AUDIT TRAIL WHERE
  LOGDATE(12/14/06) TO(12/17/06)

  PERFORM REMOVE AUDIT TRAIL WHERE
  LOGUSER(USR0890)

Summary

- An Audit Trail is available for each database and for the Client Configuration database
- When activated, changes to WDI objects log an entry into the Audit Trail
- Server import also logs an entry into an active Audit Log
- Administrators can purge the Audit Trail DB Tables

Questions

- Thanks for your attention

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