

IBM Software Group

IBM WebSphere® Data Interchange V3.3

Audit Trail



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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



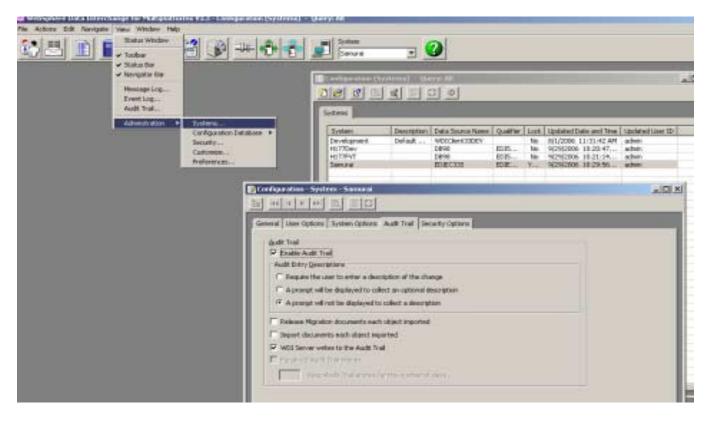


How is the Audit Trail activated or configured?

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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.

nliguration - System - Development	
eral User Options System Options Audit Trail Security Options	
Audit Trail	
🔽 Enable Audit Trail	
Audit Entry Descriptions	
$oldsymbol{\mathbb{G}}$ Require the user to enter a description of the change	
C A prompt will be displayed to collect an optional description	
C 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	
75 Keep Addic thail endres for dischalibler of days	

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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

Configuration - Configuration Database Options - Configuration Database Options	
General Options Audit Trail Audit Trail Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of the change Image: Comparison of t	
A prompt will not be displayed to collect a description Release Migration documents each object imported	
Import documents each object imported	
Purge old Audit Trail entries	
Keep Audit Trail entries for this number of days	





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

Object Type	Clowert Name	Action	Updated Over II	Updated Cate and Time	Description	
Application Defaults Profile	EDEWS	Update	shannodvi	9/29/2006 2:25:43 PM		
Data Transformation Plag Rule	202TO/PE ANY AML	Update	842	9/28/2006 10:57:43 AM		-
Date Transformation Map	332T0094L	Compile	fritz	9/29/2006 30:52:29 AM		
Data Transformation Plag	332T00ML	Brgort.	642	9/29/2006 10:08:35 AM		
Receive Map	MMTHL4	Compile .	tedg	9(28,12006 12:35;45 PM		
Repeive Map	MMTHL2	Consile.	Ander	A REPORT AND A REPORT		- Annoral
Send Map		murai - Audit	Trail-9/28/2006	E2:35:45 PM		
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EDE Standard Dictionary	212V3R1					
Data Transformation Plag	CUSCAR_IN					
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Data Reference Profile	Territorian const			14		
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	182				1. State 1.	
Service Profile	TP12WC08	Additional Applic	ation Data			
Data Reference Profile	TPENOR CIL				1	
Data Reference Profile	TPEONORS, CTL.	P				
Service Profile	TPEWOR	Description				

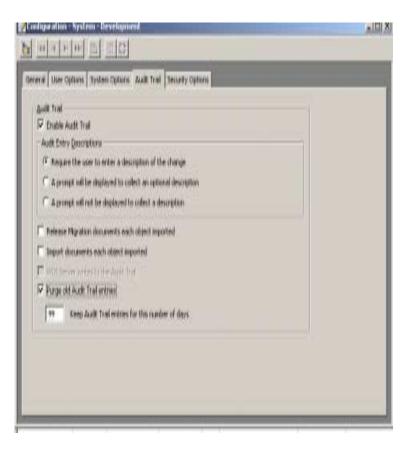


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How is the Audit Trail maintained?

- 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 ...



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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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