

Audit_Manager

Description

Updates the Audit table to track modifications of a record.

Syntax

```
Audit_Manager(ID, Table, CurrentRecord, OrigRecord, Activity)
```

Parameters

Parameter	Description
ID	ID of the record
Table	Table name where the record being audited is stored
CurrentRecord	Current record as it will be written to disk. If the Activity is "Write" then the audit fields will be updated.
OrigRecord	If called by Audit_Manager_MFS then this is the original record otherwise this represents a marker for special audit tracking
Activity	Identifies the audit activity being performed: Read, Write, Delete, or anything else if called directly for special audit tracking

Remarks

This subroutine handles the core functionality for the [Audit Manager](#). Normally this is called automatically by the [Audit_Manager_MFS](#) subroutine, which is used whenever a database table is tagged for auditing. However, developers can also use the Audit_Manager subroutine within their own procedures to assist them in debugging very complex code, especially if the contents of a data record is being updated at various points. Doing this will create an entry in the Audit table, just like the Audit Manager would normally do during database activities such as writing to disk. When used in this way the developer can use the OrigRecord and Activity parameters to pass in labels (or markers) that will be displayed in the audit trail log.

Example

```
ID = Get_Property(@Window, "ID")
Table = "CUSTOMERS"
CurrentRecord = Get_Property(@Window, "RECORD")
OrigRecord = "Line 8" ; // Identify where in the program this is being tracked.
Activity = "Customer Balance" ; // Identify the reason this record is being tracked.
Audit_Manager(ID, Table, CurrentRecord, OrigRecord, Activity)
```

Screenshot


 **Audit Trail**

Table CUSTOMERS ID 1234

	Date	Time	User Name	Station	Program Name	Marker	Activity
1	11/26/2007	08:45:47AM	JACK	ACCOUNTING1	COMPUTE_CUSTOMER_BALANCE	Line 8	Customer Balance
2	11/26/2007	08:41:57AM	NINA	ACCOUNTING1			Write
3	11/26/2007	08:39:44AM	TONY	ACCOUNTING1			Write

Restore

View Records

See Also

[Audit_Manager_MFS](#)