



October/November 2011

On Technical/
Customizing EnterpriseOne

Creating Work Order History using Table Triggers

By Jeff Saenz, La-Z-Boy Incorporated

E1 Editor's Note: *Wouldn't it be nice if there were such a thing as Work Order History, and you could see what changes have been made to your work orders, and solve mysteries, like who's been making these changes? While there might not be an exact equivalent to Sales Order History in JDE, Jeff Saenz has a nifty solution to help you see who has been in your work orders and what they're doing. He discusses the components you'll need to create this inquiry, and the minimal coding that will pull it all together.*

Introduction

EnterpriseOne has a pretty handy way to keep track of the changes made to your Sales Orders: Sales Order History. You can see changes in status, quantities, prices, dates, and who made the change on what date and time.

History plays a key part in troubleshooting how an order was changed. One of the first places I look when a user reports an issue with an order is in the history.

History plays a key part in
troubleshooting how an order
was changed.

Now, since you're able to create Work Orders from Sales Orders, it would make sense to have changes to Work Orders tracked in a history table as well. Unfortunately Work Order History doesn't exist; as least through version 9.0. Fortunately, I was able to come up with an alternative solution to meet this need.

In this article, I will discuss how you can create the components needed to track Work Order history with minimal coding. Once the coding is complete, all you need to do is add a single line of code to a table trigger to start capturing the Work Order history you've been missing. Once you've finished developing and deploying these objects, you will finally be able to see how your work order mysteriously got completed before it actually was.

Let's take a look at a specific scenario to see how the work order history inquiry would help solve such a "mystery". In our example, John Smith has finished printing his Work Order which advances it to a 70 status. John goes back in to view the order and notices the Work Order has already been completed without his knowledge. At the end, we'll be able to see "who dunnit".



Creating Work Order History using Table Triggers

Creating the Application

To create the following objects, we'll assume that the reader is familiar with Form Design Aid, Table Design Aid, and Business View Design Aid. If you've never worked with table triggers, this will be a good start for you.

Step 1: Create Work Order Audit Table

Before you actually create the table, you'll need to decide what columns you'll want to include in it. The types of work order changes you want to capture will dictate the size of your table. To make this example manageable, we will include the columns that will make each record unique and some of the more commonly used columns.

1. Create a new table name F584801A (Work Order Audit Table) like the one shown in Figure 1.

The screenshot shows the JDE Table Design Aid form. The 'Object Name' field is 'F584801A' and 'Object Type' is 'TABLE'. The 'Description' field is 'Work Order Audit Table'. The 'Product Code' field is '58' with a note 'Reserved for Clients'. The 'Product System Code' field is '58' with a note 'Reserved for Clients'. The 'Object Use' field is '2' with a note 'Files'. The 'Column Prefix' field is 'WA'.

Figure 1: Create F584801A Table

2. Add the following columns to the table:
 - DOCO (Document Number)
 - DCTO (Document Type)
 - CREATEDJ (Create Date – Work Order Audit Record)
 - CREATETM (Create Time – Work Order Audit Record)
 - RCTO (Related Order Type)
 - RORN (Related Order Number)
 - SFXO (Order Suffix)
 - DL01 (Description)
 - MCU (Business Unit)
 - MMCU (Branch)

This Article Continues...

Subscribers, log in from our main search page to access the full article:

www.JDEtips.com/MyAccess.html

Not a Subscriber? Gain access to our full library of JDE topics:

www.JDEtips.com/JD-Edwards-Library

Visit www.JDEtips.com for information on the JDEtips University schedule, private training and consulting, and our Knowledge Express Document Library.

License Information: The use of JDE is granted to JDEtips, Inc. by permission from J.D. Edwards World Source Company. The information on this website and in our publications is the copyrighted work of JDEtips, Inc. and is owned by JDEtips, Inc.

NO WARRANTY: This documentation is delivered as is, and JDEtips, Inc. makes no warranty as to its accuracy or use. Any use of this documentation is at the risk of the user. Although we make every good faith effort to ensure accuracy, this document may include technical or other inaccuracies or typographical errors. JDEtips, Inc. reserves the right to make changes without prior notice.

Oracle and J.D. Edwards EnterpriseOne and World are trademarks or registered trademarks of Oracle Corporation. All other trademarks and product names are the property of their respective owners.

Copyright © by JDEtips, Inc.