



Advanced Development: Using Table Handles

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Editor's Note: For those of you who want to: a) Get a handle on tables, or b) are walking around with handleless tables... Seriously, we love it when our authors of technical topics provide not only the technical steps, but also the practical business case for their tricks of the trade. In this article, Mike Wright takes the case of creating an exploded bill of materials list using table handles to simplify what could otherwise turn out to be some fairly complex coding.

This article will go through the setup and usage of table handles, which are really just special variables to keep track of specific table operations. Using them is an advanced development technique that can be very useful. However, I'm sure the first question you might have is why would I ever want to use table handles? What are the benefits?

There are two reasons that table handles come in handy. The first is in the case where you want to do multiple selects on the same table. The best example in the system is the bill of material table, F3002. You have an item and want to know what items make up that item. You then want to find the items in those items, etc. You can use table handles to accomplish this recursive logic. A second reason to use table handles is in the case where you want to fetch records from a table that is in a different environment than the one you are signed into. You should be able to do both of these tasks after going through the setup in the following order:

- 1. Creating a data item**
- 2. Creating variables in the Event Rules**
- 3. Table Handle Input/Output**

Creating a Data Item

The first thing you will need to use table handles is a special data item. These data items are very specific and must be created for each table with which you want to use table handles.. Most of the EnterpriseOne standard data items that are table handles begin with HF for the alias. If you go to application P92001, Work with Data Dictionary Items, on menu GH951, you will see the screen in Figure 1 after doing a search on HF* in the alias field.



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Data Item	Description	Alias	Glossary Group	System Code
HandleF76412	ASU-Handle for F76412 - Item Brand	HF76412	D	76B
HandleF41001	ASU - Handle to F41001 - Inventory C	HF41001	D	76B
HandleF4111	ASU - Handle to F4111 - Item Ledger	HF4111	D	76B
HandleF76B18	ASU - Handle to F76B18 - Fiscal Cla	HF76B18	D	76B
HandleF7602B	ASU - Handle to F7602B - FB Page C	HF7602B	D	76B
HandleF7606B	ASU - Handle to F7606B - Branch X	HF7606B	D	76B
HandleF76101B	ASU - Handle to F76101B - NF Head	HF76101B	D	76B
HandleF76111B	ASU - Handle to F76111B - NF Deta	HF76111B	D	76B
HandleF7615B	ASU-Handle to F7615B-Transaction	HF7615B	D	76B
HandleF76411	ASU - Handle to F76411-Item Region	HF76411	D	76B
HandleF76B102	ASU - Handle to the table F76B102	HF76B102	D	76B
HandleF76B103	ASU - Handle to the table F76B103	HF76B103	D	76B
HandleF76B104	ASU - Handle to the table F76B104	HF76B104	D	76B
HandleF76011	ASU - Handle to the table F76011	HF76011	D	76B
FactorMonth01	Factor Month 01 Chile	HF01	D	76
FactorMonth02	Factor Month 02 Chile	HF02	D	76
FactorMonth03	Factor Month 03 Chile	HF03	D	76
FactorMonth04	Factor Month 04 Chile	HF04	D	76
FactorMonth05	Factor Month 05 Chile	HF05	D	76
FactorMonth06	Factor Month 06 Chile	HF06	D	76
FactorMonth07	Factor Month 07 Chile	HF07	D	76
FactorMonth08	Factor Month 08 Chile	HF08	D	76

Figure 1 - Work with Data Dictionary Items

If you select one of the Handle items; for example, HF4111, you will see the screen in Figure 2.

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