JDEtips **on Technical**

Adding Media Object Support to Applications: Or How to Get that Paperclip Thing to Work

By Scott Beebe, AMX International

Editor's Note: You know that paperclip thing on the left side of the grid in OneWorld®?

It indicates that there is a media object attached to the record. Scott continues his excellent series of technical tips with this article on how to add media-object support to OneWorld or custom programs that do not have this capability.

Most applications in OneWorld already have support for attaching media objects to records. This enables you to store miscellaneous text or other types of files including Excel or Word files, etc., that are associated with the record. But, what about OneWorld applications or new custom applications that do not have media object support? I found a standard application that did not have this capability.

The Speed Time Entry Revisions screen (P051121, form W051121) doesn't give you the ability to add media object attachments to the time entry records. It displays the "paperclip/magnifying glass" icon in the header in the upper left-hand corner of the grid just to fool you. I had a client who wanted to enable media object attachments on this screen.

In this article I will walk you through adding media object support to the Speed Time Entry Revisions screen, step-by-step. The steps are the same for any standard or custom application.

Create Media Object Data Structure

The first thing we need to do is to find out if there is already a Media Object Data Structure for the data that we want to connect media objects to. Go to the OMW, click on the Search tab, type GT* in the Search field, and click on Find. You will then see a list of all of the Media Object Data
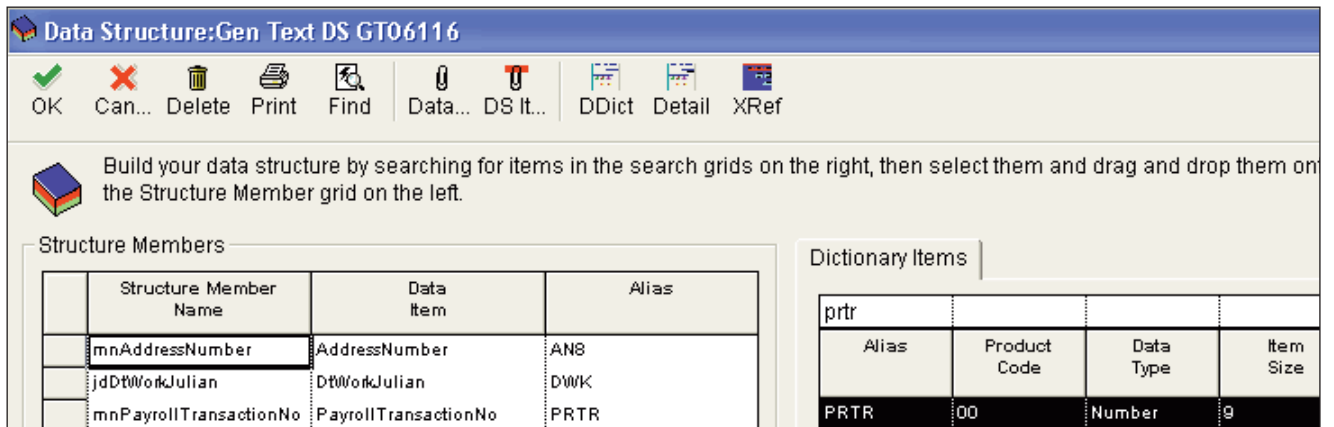

Figure 1: Data Structure

1) Click on Form from the main menu and select Media Objects Setup…

2) Click on the Enable Automatic Media Object Functionality check box.

3) In the Row Level Defaults section, click on the Edit Mode radio button. This gives the application the ability to add and edit media objects. If

you wanted to give "Read Only" access to the media objects, you would select Display Mode.

4) In the Row Level Defaults section, click on Define Row Key.

5) Double-click on the Media Object Structure folder.

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Structures available. All of them start with "GT" and the numbering afterwards indicates the table it corresponds to.

> **Object Name:** GT06116
>
> **Object Description:** Employee transaction detail file
>
> **Product Code:** 55
>
> **Product System Code:** 06
>
> **Object Use:** Leave blank

For example, GT4211A is used to associate media objects with sales order detail records (F4211). The data shown in the Speed Time Entry Revisions screen comes from the F06116

table. We would need to find the data structure called GT06116. As you will notice, this data structure does not exist, so we will need to create it.

If the "GT" data structure for the time entry data existed, we could skip this step.

1) Create a Media Object Data Structure in the OMW

2) Enter the following information.

3) Go to the Data Structure Design Aid. Add the following aliases to the data structure: AN8, DWK, and PRTR. Your data structure should look like Figure 1.

Note: The Media Object Data Structure MUST contain the exact same fields used in the primary key of the table for which the media objects will be associated.

4) Save the data structure.

Enable Media Object Functionality

The second step is to enable the media object functionality on the individual form of the application. You can enable media object functionality at the form level or at the row level. For our example I will be setting it up at the row level.
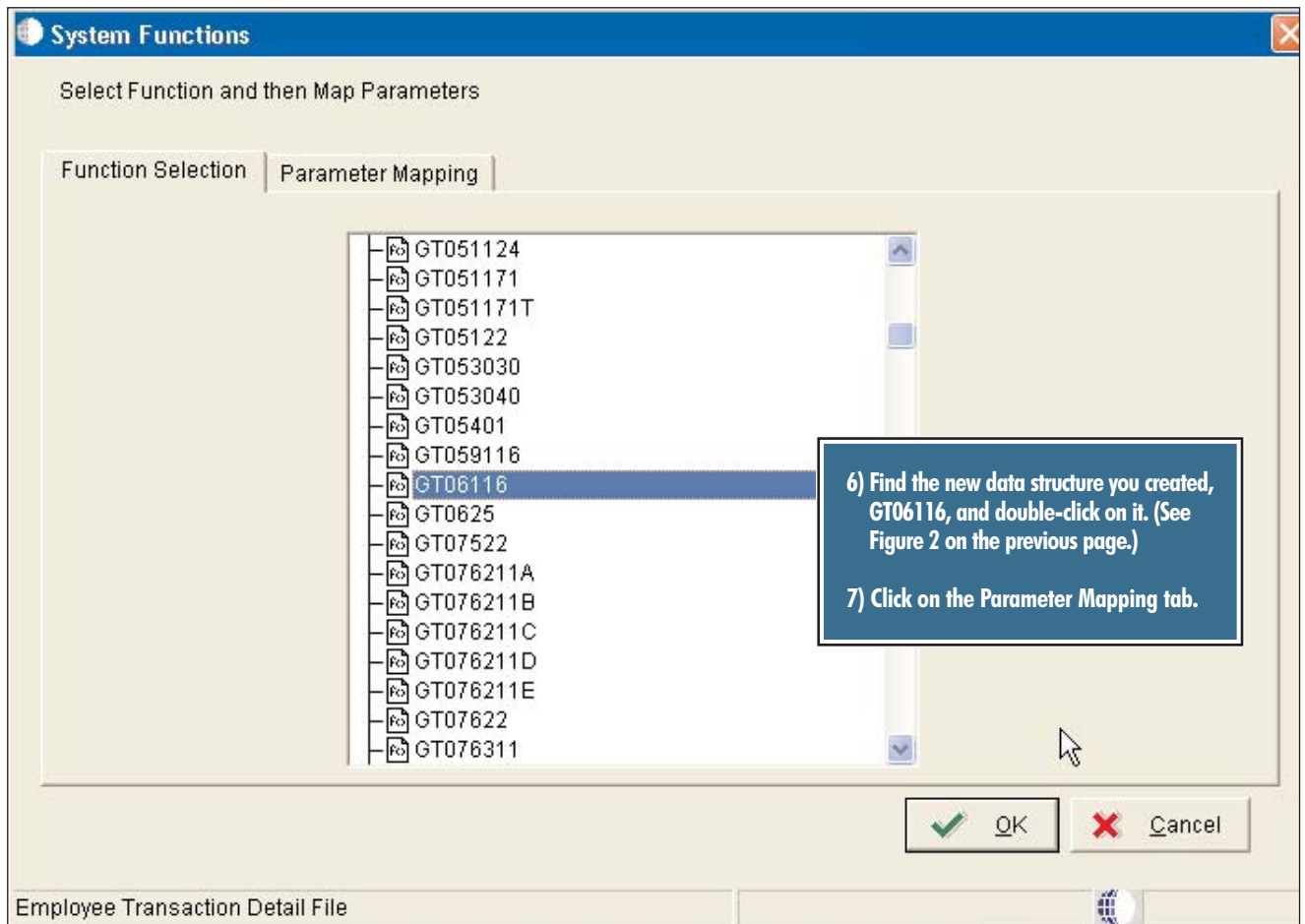

6) Find the new data structure you created, GT06116, and double-click on it. (See Figure 2 on the previous page.)

7) Click on the Parameter Mapping tab.

Figure 2: New Data Structure

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