

How to add a hidden field by using Modifier with Visual Basic for Applications in Microsoft Dynamics GP

CONFIDENTIAL ARTICLE

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INTRODUCTION

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When you use Modifier with Visual Basic for Applications (VBA) to customize forms in Microsoft Dynamics GP and in Microsoft Business Solutions – Great Plains 8.0, you may want to add a hidden field to VBA. Hidden fields can contain code or values that a VBA customization can access.

The following list describes examples of hidden fields:

- The **Display Existing Record** field exists in many transaction windows and in many maintenance windows. The **Display Existing Record** field is set to **True** when you edit a previously saved record.
- The hidden shrink buttons and expand buttons (known as **grids** in VBA) exist in some scrolling windows. The hidden shrink buttons and expand buttons are frequently implemented by using a non-editable **Visual Switch** control to display the icon and by using a hidden **Push Button** control that contains code to change the state of the window.

MORE INFORMATION

The following steps show how to add a hidden field by using VBA. This hidden field automatically expands the scrolling window when you open the General Ledger Transaction Entry window.

1. On the **Transactions** menu, point to **Financial**, and then click **General**. If you receive the following error message, click **End**:

Run-time error '1008'

A period before the name of the window indicates that the window is modified. If the window is modified, go to step 11.

2. On the **Tools** menu, point to **Customize**, and then click **Modify Current Window**.
3. Locate the **Scroll Expand Switch** icon. This icon has two down arrows.
4. Move the **Scroll Expand Switch** icon to an empty area of the window.
5. Click the **Scroll Shrink Switch** icon. This icon has two up arrows.
6. In the Properties window, click **Visual**.
7. Verify that the **Visible** field has a status of **True**. If the **Visible** field has a status of **False**, double-click the **Visible** field to change the status to **True**.
8. Close the Window: GL_Transaction_Entry window. When you are prompted to save changes to the window layout, click **Save**, and then click **OK** in the Form Definition window.
9. On the **File** menu, click **Microsoft Dynamics GP** or **Microsoft Business Solutions – Great Plains**.
10. Grant security to the modified window. To do this, follow the appropriate step.

Using security in Microsoft Dynamics GP 10.0

- a. On the **Microsoft Dynamics GP** menu, point to **Tools**, point to **Setup**, point to **System**, and then click **Alternate/ Modified Forms and Reports**.

- b. In the **ID** list, click the appropriate ID, and then click **Microsoft Dynamics GP** in the **Product** list.
- c. In the **Type** list, click **Windows**.
- d. Expand the **Financial** node, and then expand the **Transaction Entry** node.
- e. Select **Microsoft Dynamics GP (Modified)**, and then click **Save**.

Using Advanced Security in Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0

- a. On the **Tools** menu, point to **Setup**, point to **System**, and then click **Advanced Security**.
- b. In the **View** list, click **by Alternate, Modified, and Custom**.
- c. Expand **Microsoft Dynamics GP** or **Great Plains**.
- d. Expand **Forms**, expand **Financial**, and then expand **Transaction Entry**.
- e. Select **Microsoft Dynamics GP (Modified)** or **Great Plains (Modified)**.
- f. Click **Apply**, and then click **OK**.

Note By default, when you start the Advanced Security tool, the current user and the current company are selected. Any changes that you make affect the current user and the current company. However, you can select additional users in the **Users** area of the Advanced Security window. You can select additional companies in the **Company Name** area of the Advanced Security window.

Using the standard security tool in Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0

- a. On the **Tools** menu, point to **Setup**, point to **System**, and then click **Security**.
- b. If you are prompted, type the system password in the **Please Enter Password** box, and then click **OK**.
- c. In the **User ID** list, click an ID.
- d. In the **Type** list, click **Modified Windows**.
- e. In the **Series** list, click **Financial**.
- f. In the **Access List** box, double-click the window that you modified, and then click **OK**.

Note An asterisk (*) appears next to the window name.

11. Follow the appropriate step:
 - In Microsoft Dynamics GP 10.0, point to **Tools** on the **Microsoft Dynamics GP** menu, point to **Customize**, and then click **Visual Basic Editor**.
 - In Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0, point to **Customize** on the **Tools** menu, and then click **Visual Basic Editor**.
12. Expand **Microsoft_Dynamics_GP** or **Microsoft Great Plains**, and then double-click **TransactionEntry (Window)**.
13. Change the **EventMode** property to **1 – emModifiedOnly**.
14. Click **File**, and then click **Close and Return to Microsoft Dynamics GP** or **Close and Return to Microsoft Great Plains**.
15. If the Transaction Entry window is open, close it.
16. Click **Transactions**, point to **Financial**, and then click **General**. If you receive the following error message, click **End**:

Run-time error '1008'

17. On the **Tools** menu, point to **Customize**, and then click **Add Fields to Visual Basic**.
18. Click the space where the **Expand** button was originally located, and then press ESC to turn off Add Field mode.
19. On the **Tools** menu, point to **Customize**, and then click **Visual Basic Editor**.
20. Expand **Microsoft_Dynamics_GP** or **Microsoft Great Plains**, and then double-click **TransactionEntry (Window)**.
21. In the TransactionEntry (Code) window, enter the following code:


```
Private Sub Window_AfterOpen()
    ScrollingWindowShrink = 1
    Me.Changed = False
End Sub
```
22. If the Transaction Entry window is already modified, go to step 23. If the Transaction Entry window is not modified, change the **EventMode** property to **0 – emOriginalOnly**.
23. Click **File**, and then click **Close and Return to Microsoft Dynamics GP** or **Close and Return to Microsoft Great Plains**.
24. Close the Transaction Entry window.
25. If the Transaction Entry window is modified, go to step 26. If the window is not modified, follow the appropriate step to change security settings.

Using security in Microsoft Dynamics GP 10.0

- a. On the **Microsoft Dynamics GP** menu, point to **Tools**, point to **Setup**, point to **System**, and then click **Alternate/ Modified Forms and Reports**.
- b. In the **ID** list, click the appropriate ID, and then click **Microsoft Dynamics GP** in the **Product** list.
- c. In the **Type** list, click **Windows**.
- d. Expand the **Financial** node, and then expand the **Transaction Entry** node.
- e. Select **Microsoft Dynamics GP (Modified)**, and then click **Save**.

Using Advanced Security in Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0

- a. On the **Tools** menu, point to **Setup**, point to **System**, and then click **Advanced Security**.
- b. In the **View** list, click **by Alternate, Modified, and Custom**.
- c. Expand **Microsoft Dynamics GP** or **Great Plains**.
- d. Expand **Forms**, expand **Financial**, and then expand **Transaction Entry**.
- e. Click to select **Microsoft Dynamics GP (Modified)** or **Great Plains (Modified)**.
- f. Click **Apply**, and then click **OK**.

Note By default, when you start the Advanced Security tool, the current user and the current company are selected. Any changes that you make affect the current user and the current company. However, you can select additional users in the **Users** area of the Advanced Security window. You can select additional companies in the **Company Name** area of the Advanced Security window.

Using the standard security tool in Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0

- a. On the **Tools** menu, point to **Setup**, point to **System**, and then click **Security**.
- b. If you are prompted, type the system password in the **Please Enter Password** box, and then click **OK**.
- c. In the **User ID** list, click an ID.

- d. In the **Type** list, click **Modified Windows**.
- e. In the **Series** list, click **Financial**.
- f. In the **Access List** box, double-click the window that you modified, and then click **OK**.

Note An asterisk (*) appears next to the window name.

26. Follow the appropriate step:
 - In Microsoft Dynamics GP 10.0, point to **Tools** on the **Microsoft Dynamics GP** menu, point to **Customize**, and then click **Modifier**.
 - In Microsoft Dynamics GP 9.0 and in Microsoft Business Solutions – Great Plains 8.0, point to **Customize** on the **Tools** menu, and then click **Modifier**.
27. Follow the appropriate step:
 - In Microsoft Dynamics GP 10.0 and in Microsoft Dynamics GP 9.0, click **Microsoft Dynamics GP** in the **Product** list, and then click **OK**.
 - In Microsoft Business Solutions – Great Plains 8.0, click **Microsoft Great Plains**, and then click **OK**.
28. Click **Forms**, and then click **GL_Transaction_Entry**.
29. Follow the appropriate step.
 - If the Transaction Entry window is modified, follow these steps:
 - a. Click **Open**, and then double-click **GL_Transaction_Entry**.
 - b. Click the **Scrolling Window Shrink** icon.
 - c. In the Properties window, click **Visual**.
 - d. Verify that the **Visible** field has a status of **False**. If the **Visible** field has a status of **True**, double-click the **Visible** field to change the status to **False**.
 - e. Move the **Scroll Expand Switch** button back to the original location.
 - f. Close the GL_Transaction_Entry window, and then click **OK** in the Form Definition window.
 - g. Click **File**, and then click **Microsoft Dynamics GP** or **Microsoft Great Plains**.
 - If the Transaction Entry window is not modified, follow these steps:
 - a. Click **Delete**. When you are prompted to continue, click **Yes**.
 - b. Click **File**, and then click **Microsoft Dynamics GP** or **Microsoft Great Plains**.

REFERENCES

For more information about the error message that this article describes, click the following article number to view the article in the Microsoft Knowledge Base:

[951231](#) Error message when you expand a scrolling window by using VBA in Microsoft Dynamics GP: "Run-time error '1008': Unsafe Operation"

For more information about the techniques that this article describes, see the following training materials:

<https://mbs.microsoft.com/customersource/training/trainingmaterials/student/course8520.htm>

APPLIES TO

- Modifier with Visual Basic for Applications, when used with:
 - Microsoft Dynamics GP 10.0
 - Microsoft Dynamics GP 9.0
 - Microsoft Business Solutions–Great Plains 8.0

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