



UI BUILDER FOR ACCESS – ENTERPRISE EDITION

Upgrade Guide
Version 10.01.2009

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1 Upgrading UI Builder

1.1 OPENGATE UPGRADE ASSISTANT

Beginning with UI Builder 3.5, OpenGate Software has introduced a new and improved method for upgrading your databases. The OpenGate Upgrade Assistant will help you upgrade your UI Builder-based database, updating all the forms and modules related to UI Builder. Your own forms, tables, and modules are not changed by the process. Please download the upgrade assistant from the secure customer support site using the username and password you received from OpenGate when you ordered UI Builder.

1.1.1 UPGRADING UI BUILDER IN MICROSOFT ACCESS 2007

Access 2007 warns users every time they attempt to import objects from another database. UI Builder imports approximately 65 forms, tables, queries, and code modules when upgrading to the newest version. We recommend you either allow the OpenGate Upgrade Assistant to add the folders your database(s) reside in to the Trusted Locations list in Access 2007, or follow these steps to avoid the annoying security warning message:

- 1) Create a new folder where you copy the newest version of UI Builder.
- 2) Click on the Office icon in the upper left hand corner of the Access window.
- 3) Select Access Options.
- 4) Select Trust Center.
- 5) Add the new folder you created in step 1 as a Trusted Location.
- 6) Follow the instructions outlined in this upgrade guide.

1.2 UPGRADING TO VERSION 3.5 AND HIGHER

When upgrading to UI Builder Enterprise 3.3 or higher, follow the upgrade recommendations in the other sections of this document.

Main Menu Feature Changes

UI Builder 3.5 includes improvements to how the main menu form is opened. In the past, the form "frmMain" was always the active main menu form. If the layout was changed, "frmMain" was replaced by a copy of the chosen layout. For example, if the left menu button layout was chosen, the form "frmMain_left" would be copied and named "frmMain." This prevents you from letting users change the menu layout when compiling your database into an MDE or ACCDE format (where such copy/replace operations are not allowed). The solution is to open the main menu form that corresponds to your desired layout directly. To do so, all UI Builder code has been changed to refer to the main menu form as the object "gobjMain," which is set at startup. For example, if your chosen layout is the expanding menu, then UI Builder sets `gobjMain = "frmMain_expandlg"` and opens the form directly.

If you have any direct references to `frmMain` in your own Visual Basic code: You will need to change references to `Forms!frmMain` as follows:

Old Use Example	New Use Example
<code>Forms!frmMain.Subform1.MyControl.Visible = False</code>	<code>gobjMain.Subform1.MyControl.Visible = False</code>
<code>DoCmd.Close acForm, "frmMain"</code>	<code>DoCmd.Close acForm, gobjMain.Name</code>

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If you extensively use macros that reference frmMain, then there are several recommendations:

- 1) Set the value of the field "skin" in tblAppInfo to nothing. This will keep the form "frmMain" as the main menu form. Any layout changes will need to be done manually by copying the desired layout and naming the copy "frmMain"
- 2) Convert the macros in question to Visual Basic, where object references as shown above are supported by Microsoft Access.
- 3) Continue to use the version of UI Builder you currently have.

Audit History Feature Changes

If you use the Audit History feature, you will need to modify your function calls as follows:

Old Version: `fAuditRecord "Add", "pOrder_audit", "pOrder_form", False`
New Version: `fAuditRecord "Add", "pCustomer_audit", Me`

Note in the above that you can remove all arguments beyond the second argument (the audit table name) and replace with the "Me" argument instead. When you upgrade to UI Builder 3.5, you will receive a compile error until all of the fAuditRecord function calls are changed.

For customers that use linked tables to a back end database or SQL Server/MySQL Server, the following fields will need to be manually added to the table tblReportQuery:

Field	Data Type	Size
fk_RoleID	Long Integer	Not applicable
SQL-WHERE	Text	255
Category	Text	255
OpenMode	Text	25

Users will receive error messages in the forms frmReportQueryView, frmReportQueryAdmin, frmFormDirectory, and frmFormDirectoryAdmin until the new fields are added.

1.3 UPGRADING TO VERSION 3.3 AND HIGHER

When upgrading to UI Builder Enterprise 3.3 or higher, follow the upgrade recommendations in the other sections of this document. In addition, be sure to open the form frmReportQueryAdmin before opening the form frmReportQueryView. Doing so will ensure several new fields are added to the table tblReportQuery.

1.4 UPGRADING TO VERSION 3.2

UI Builder Enterprise Edition 3.2 includes many significant enhancements to security, most notably the addition of a login screen that allows you to authenticate users that may be logged in to the same machine with the same Windows username.

The upgrade process will, in most cases, add the new password field required to support the UI Builder login method. It is strongly recommended that you verify a new field exists in the table usysUser named "password." If the field does not exist, please add a new text field named "password" with a length of 50 characters, then save the table.