GUPD.DOT - Overview

This template provides a simple way to distribute macros to other users. It allows you to specify the macro to copy, the destination name, menu and keyboard shortcuts.

This template is designed for automatic installation. It does not allow the user to confirm macro copying or to change the destination template or shortcuts assigned by the distributor at the time of the update document's creation.

To create a more interactive installation routine, see GINST.DOT

Usage

Using thsi template to create an automatic update document consists of the following steps.

Installation

Copy this template (GUPD.DOT) to your Dot-Path: the path in which all your other DOT files are stored.

Setting up your update vehicle

Create a New Template based on GUPD.DOT.

Save that template to a new name. I would highly recommend that the name given to the update vehicle be a DOC filename. That is, even though the object you are creating is a template, from the point of view of your user it will simply be loaded and executed once. For this reason you should name it something like UPDATE.DOC.

Copy the macros you wish to distribute into this new template (not into GUPD.DOT). This can be done with the Macro Manager listed in Using WordBasic, or more conveniently, with the CopyMacros macro found in my gToolBox. Or, of course, manually by cutting and pasting.

Running SetupUpdate

After creating an UPDATE.DOC which holds the macros to distribute, execute the macro SetupUpdate.. This can be done by selecting SetupUpdate from the ToolsMacro dialog box or by pressing Alt+Down.

You will be presented with the following dialog box:

SetupUpdate allows you to specify which macro to copy, where to copy it, the macro name after the copy, whether or not to place the macro on a menu, the menu text, and the key assignment.

The result is a glossary entry, stored in your update vehicled of the form:

DestTemplate|SrcName|DestName|KeyCode|Menu,MenuText

For example:

Global|TestingMacro|TestingMacro|None|None

Would copy the macro TestingMacro to NORMAL.DOT (Global) under the same name with no key or menu assignment.

LETBLOCK.DOT|TestingMacroTwo|NewLetter|1114&New Letter,T&ools

Would copy TestingMacro to NewLetter in LETTER.DOT with a key assignment of 1114, placing the text "New Letter" on the Tools menu.

These strings, which are subsequently used by the UpdateMacros macro to do the actual copying, are stored in glossaries named according to the following rule:

DestName:DestName

So, for instance, the glossaries for the above two examples would be:

Global:TestingMacro

LETBLOCK.DOT:NewLetter

Finishing touches, documentation

After copying the macros to distribute, and creating glossary entries to hold the update instructions, copy whatever documentation you desire *over* the text in the vehicle template. Realize that when you crate a new template based on GUPD.DOT, you will be creating another copy of this documentation.

If your update procedure requires no instructions (as when you decide to completely automate the process), simply blank this new vehicle template.

Delete SetupUpdate. It is no longer necessary

How to start the update

The final step is to determine how to start the update procedure. By default the user

must double click on the macro button found at the top of the update vehicle.

You could also modify the AutoOpen macro so that UpdateMacros was called automatically. For instance, you could change:

```
Sub MAIN
ViewFieldCodes 0
If Not AppMaximize() Then AppMaximize
If Not DocMaximize() Then DocMaximize
End Sub
```

to

```
Sub MAIN
ViewFieldCodes 0
If Not AppMaximize() Then AppMaximize
If Not DocMaximize() Then DocMaximize
ToolsMacro "UpdateMacros", .Run
End Sub
```

You should realize that the AutoOpen macro can be customized to your heart's content. For instance, it could be used to display information about the procedure.

The SavePrompt Setting

By default the user will be prompted to confirm all changes. That is to say, they will be presented with confirmation dialog boxes after each copy when a template is closed.

There is a variable in the UpdateMacros macro that you can change so that all saves will be automatic. It is the second line after Sub MAIN:

Change

SavePrompt = 0

to

SavePrompt = 1

Notes

Glossaries

Note that SetupUpdate not list itself, AutoOpen, or UpdateMacros in the list of macros available to copy.

This is because there is an listing in the macro of macros to exclude. It takes the form:

ExcludeString$ = "UPDATEMACROS,SETUPUPDATE,AUTOOPEN,"

Note the terminating comma.

Note at well that the next line in SetupUpdate is the number of macros to exclude:

ExcludeCount = 3

You should never have need to alter these settings. But if you do want a macro not to appear in the SetupUpdate list box, add it to the exclude string and increment the exclude count variable.

Destination Name

The Destination template can be entered with a full path name. It can be entered without a DOT extension (one will be added. The UpdateMacros macro will assume that the destination template resides in the user's DOT-Path.

KeyCodes

The Key Assignment should be entered as a valid KeyCode. Not as a mnemonic. A listing of Microsoft approved KeyCodes can be found in Using WordBasic and in the help file. A more extensive list of keycodes can be found in my book *Take Word for Windows to the Edge* and in *Hacker's Guide to Word for Windows* by Leonhard and Chen.

Glossaries

Since the UpdateMacros macro uses glossaries to determine which macros to copy and where to put them, *it is importatnt that your vehicle template have **no other glossaries besides the ones holding update information***.

Need macros to work.

Realize that if there are no macros (other than those contained in the template GUPD.DOT), then SetupUpdate has nothing to do, nothing to setup, so you will get an error message stating there are not macros in the template to setup.

You must create a template based on GUPD.DOT and copy your own macros to it before SetupUpdate will work.

Problems

This is the first public release of GUPD.DOT. I have used the macros contained in this template for many months without trouble. However, it is possible you will find bugs and places for improvement.

Please send any discoveries or suggestion to the author:

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DO NOT post modifed or customized versions of the included macros.

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