

GJG DotSave  
Version 1.2

September 28, 1990

~~{Dissect a template}~~

~~{Rebuild a dissected template}~~

## Dissect/Rebuild

This template contains two macros, **Dissect** and **Rebuild**. The purpose of this pair is to take a template apart and reconstruct it. The advantages are several: smaller resulting file, macros are alphabetized. It sometimes seems to help with odd font problems. It can speed up the subsequent saves on a complex template.

This macro is based entirely upon work found in a zip file named LAUREL.ZIP, posted on CIS by a Microsoft employee (Thanks Laurel and Doug).

The key differences between this macro and it's parent are:

- ~~1. This version does not have a "batch" mode. It works on one template at a time.~~
- ~~2. This version does not require that you move a copy of Winword.exe and the target template into a new directory~~
- ~~3. This version has lots of error checking geared to making sure that the paths and files necessary are properly entered. And to insure that your original template is left untouched.~~

If you aren't familiar with the WinWord macro language, you might want to leave this alone. If you are a WinBASIC programmer, these macros, created by Microsoft and adapted, with their permission, by meself, are very interesting and instructive.

If you are leary, good. It's a tricky macro. So I'd recommend that you try it out on a copy of the target template.

### Requirements:

The zip file that contained this document (actually, a template disguised as a WfW document), also contained several files with MRG as their extension:

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These files *must* be placed in a single directory. Which directory is up to you. Each of the macros contains a constant named ~~MrgPath\$~~. **You must edit the macro before you run it, insert the path**

**designation, without trailing backslash, pointing to the MRG files.**

A second constant, ~~SavePath\$~~ **must also be set by editing both of the macros.**

~~The SavePath\$ should not be the same as your current DOT-Path.~~ This is the path into which the macro Dissect will place the pieces of your dissected template; and it is the path from which Rebuild will gather those pieces and save a new copy of the template.

### **Example Setup and Session:**

1) You copy the three MRG files to C:\WINWORD\MACROS

2) You edit Dissect and Rebuild and change:

'My path  
to

'Your path

3) You edit Dissect and Rebuild and change:

'My temp path  
to

'Your temp path

4) Run Dissect on LETTER.DOT by selecting in the FileOpen dialog that is presented when you run Dissect.

5) Run Rebuild on LETTER by entering "LETTER" (NO EXTENSION) in the input box presented when you run Rebuild.

6) At the end of Rebuild you will have TWO copies of LETTER.DOT. One in your DOT-PATH directory, and one in C:\TEMP. You can copy over the former with the latter. You can copy the latter to a new name to test out.

### **Limitations**

~~This macro cannot be run on NORMAL.DOT. If you wish to rebuild your NORMAL.DOT, then copy it to another name and rebuild that template. When you're all done, copy the Rebuilt template to NORMAL.DOT.~~

### **things to know**

This Rebuild creates three global macros (xmenu, xdescript, xkey) in order to rebuild the various assignments. If you break out of the macro, or it aborts abnormally, it is possible that these macros will not be deleted (as they are if everything goes normally). So, when you quit *Word* you might get a "Save Global..." message even though you didn't change anything yourself. Look for these macros and see if they have been left over.

## a little warning

This macro opens and closes *lots* of document windows. As a result, it uses a lot of memory. It is entirely possible that things'll break down. Again, try it on your system with a **Copy** of the template you want to dissect/rebuild. This was tested with Windows 3.0, WinWord 1.1, and 12 megs of memory... And after *a lot* of testing, I got a low memory error. If that happens, quit *Word* and start over...

## Advanced stuff

Dissect creates the following files (assuming that the template dissected was `DIARY.DOT`):

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The files below could be edited **before** running rebuild -- if you want to dicker with things. They are simply WinWord documents with descriptive extensions:

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So, for instance, if you discover that a keycode is assigned to a blank, or to a macro that no longer exists, you could edit `Fname.KEY` and remove the table row for that assignment before running Rebuild.

Or, if you want to edit all the macro descriptions, open `Fname.DSC`.

## Cool Stuff

Another interesting advanced possibility latent in this pair of macros is the ability to create a template that is a subset of the original.

For instance, if you only wanted to create a template containing the macros, but not the key/menu assignments or glossaries, you could find the following lines in **Rebuild** and comment out the calls to subroutines that get glossaries, key, and menu assignments; for instance:

```
MRTFtoText 'RTF to text, this does the styles
MMacro
REM MGlossary
MMacDescr
REM MMenus
REM MKeys
Would build a macro that contained only the macros and macro descriptions; while
commenting out the following lines --

MRTFtoText
```

REM MMacro

MGlossary

REM MMacDescr

REM MMenus

MKeys

-- would result in a template that contained the source templates key assignments and glossaries (and styles) and nothing else.

Perhaps, if there's interest, I'll write a dialog box front end for Rebuild to prompt for which things to build into the new template...

### **Parting Words:**

Enjoy. Be careful.

~~I make no warranties and accept no responsibility for lost data. This macro fiddles with the inner workings of your templates. Be forewarned~~