INSTALLATION AND INSTRUCTION DOCUMENT

Macaruni

Version 1.2

<u>Copyright 1991 Robert S. King</u>

Published by Darkhorse Industries
P. O. Box 709
Winterville, GA 30683

Introduction

Macaruni (that's "run" as in see Spot) is a WordPerfect macro-based program designed to allow running macros and keyboards from any drive or directory. Macros may be grouped by category, listed in alphabetical order with a description for each file, and executed with ease from the list. Additionally, a quick key (**ALT-Letter**--user defined) allows running any macro in the database without first loading the description list. Macaruni uses a combination of macros and merge files to maintain a database in which you may add, delete, edit, or print records.

Before running the program, please read the rest of this documentation. It is possible, though not probable, that you may see things you need to customize for your particular system. Customized versions of Macaruni are available for a fee.

In any event, please keep backups of your original documents. Neither the author nor Darkhorse Industries will be held responsible for any damages resulting from any use of this program whatsoever.

One other note on customization: WordPerfect Corporation is constantly changing its program. This version of Macaruni has been tested on the 6/29/90 and 12/31/90 releases of WP 5.1. Each new release may require slight modifications to the macros. The latest Macaruni will always be available for download from The Express Line BBS (FidoNet 1:370/20)--node 1: (404) 742-8313; node 2: (404) 742-7736. Or you may receive a copy through the mail by sending a self-addressed disk mailer with floppy disk to the address shown above.

Preliminaries

Before installing Macaruni you should move all macros belonging to a particular category into their respective directories. For example, if all your macros are currently in C:\WPM and you wish to create a separate directory for macros belonging to a mailing label category, you should first create a directory for those macros on whatever drive you wish (e.g., D:\LABELS), then move

the mailing label macros into that directory. Although this preliminary work on your part is not absolutely mandatory, you will find that the installation process goes much faster if directories are pre-defined.

After all directories have been created and all macros moved into their proper directories, you may continue with the installation.

Please understand that for users with hundreds of macros, there <u>will be</u> an investment in setup time. Once all your macros are entered into the database, however, you should find Macaruni a great time saver and frustration manager.

One other word of caution: Macaruni setup time is likely to be laboriously slow on XT or lower computers. Under those circumstances, you may find it faster to install large numbers of macros by hand; that is, manually keying in the data, according to strict file format (see **Manual Entry** under **DATABASE MANAGEMENT** below). <u>That recommendation applies only to slow computers; if you have an AT or faster machine, you will be better off using Macaruni's built-in database manager</u>. Once the initial database setup is complete, you will have no need to use the manual method when adding an occasional macro, even on slow computers.

File Locator

Although Macaruni's built-in database manager automatically takes care of the file location problem, you should be aware that one copy of MACARUNI.WPM (or whatever shorthand name you've given it) must be in every directory containing macros. Likewise, the quick key, ALT?.WPM (where ? = letter of your choice), must be in every macro directory. (These files are very small so as not to waste disk space.) This is mentioned just in case you move files around while outside of Macaruni.

Files

The distribution disk (or the archive file, if you downloaded Macaruni from a bulletin board) contains the following files:

KEYBOARD.KSF   Keyboard data file (secondary merge format)
KEYBOARD.PF   Keyboard data file (primary merge format)
KEYBOARD.MRG   Keyboard list (merged & formatted)
MACARUNI.CFG   Master configuration file (reserved for future program development)
MACARUNI.DOC   Macaruni documentation, WP 5.1 version
MACARUNI.WPM   Macaruni main macro (rename if you wish--see installation)
MRCAT.CSF   Macro category data file (secondary merge format)
MRCAT.MRG   Macro category display file (merged &

```
formatted)
MRCAT.PF          Macro category data file (primary merge for-
mat)
MRCAT.WPM         Controls Category database
MRDB.WPM          Primary database maintenance macro + allows
additions to the database
MRDEL.WPM         Controls  deletion  of  records  from  the
database
MREDIT.WPM        Controls editing of records in the database
MRMAIN.CAT        Main  (default)  macro  data  file  (secondary
merge format)
MRMAIN.MRG        Main (default) display list of macros (merged
& formatted)
MRMAIN.PF         Main (default) macro data file (primary merge
format)
MRNULL.SF         Empty file used occasionally by Macaruni
MRPRINT.WPM       Controls printing of database
MRQUICK.WPM       Macaruni  quick  key  to  run  any  macro  in  the
database.  This macro is copied to a user-defined quick key (ALT
+ Letter) during the installation process
MRSAVE.WPM        Macaruni document-saving routines
MRSETUP.WPM       Macaruni installation macro
MRWPK.WPM         Controls selection of keyboards
PRODUCTS.DHI      Darkhorse products list
README.MR         ASCII  file  with  important  instructions  +
Macaruni version history
REGISTER.FRM      Registration form for Macaruni & others
```

Other files (i.e., those with extensions of CAT or MRG) are created as needed.

Automatic Installation

Given that you have moved macros to their proper directories, the only safe way to install Macaruni is to execute the macro MRSETUP.WPM. For example, if you have extracted the main archive file to a directory **C:\DOCUMENTS**, load WordPerfect and issue the following commands:

      Alt-F10   (calls a macro)

      c:\documents\mrsetup   (gives full path)

      Press **ENTER**

Then the macro will prompt you for the information it needs to configure Macaruni for your system. *Note: Macaruni installs to drive C only*. Registered users may request a customized version, simply by sending a disk and mailer, which will allow installation to other drives.

Screen Display: IMPORTANT!!!!!!!

      The appearance of the menus will vary from system to system. The menus installed are based on three font attributes set up on my test system (super VGA color): Bold, Underline, and Reverse Video.

      If you wish to change the colors, go to the setup menu: Press **Shift F1** (Setup), **2** (Display), **1** (Colors/Fonts/Attributes), and **1** (Screen Colors). You will then see a revisable list similar to the one below. Change the attributes until you are satisfied with the display. I use the following setup:

```
Setup: Colors              A B C D E F G H I J K L M N O P
                           A B C D E F G H I J K L M N O P
Attribute                  Foreground  Background  Sample
Normal                         H           A       Sample
Blocked                        A           C       Sample
Underline                      O           F       Sample
Strikeout                      B           D       Sample
Bold                           P           B       Sample
Double Underline               B           D       Sample
Redline                        B           H       Sample
Shadow                         B           H       Sample
Italics                        J           C       Sample
Small Caps                     E           D       SAMPLE
Outline                        A           D       Sample
Subscript                      E           H       Sample
Superscript                    F           D       Sample
Fine Print                     A           F       Sample
Small Print                    H           F       Sample
Large Print                    E           A       Sample

Very Large Print               D           A       Sample


Extra Large Print              H           A       Sample

Bold & Underline               P           H       Sample
Other Combinations             A           G       Sample
```

OPERATING MACARUNI

There are two methods of executing a Macaruni macro:

1. After the installation is complete, you may execute the macro MACARUNI.WPM (or whatever you've called it); or
2. execute the quick key, **ALT?.WPM**, where **?** is the letter you've installed as the quick key.

Needless to say, neither method will be of much use until you have added names of macros to the database.

The first time you run Macaruni you will see a basically empty screen similar to Figure 1 (how to add to the list will be covered under **DATABASE MANAGEMENT** below). After you have added macros to the database, the list will resemble that shown in Figure 2.

Often you will not need to see a description list; rather, you will want a speedy way to execute a macro without going through Macaruni. This is made possible by method 2 above. ALT?.WPM is intended as a replacement for the normal ALT-F10 method of starting macros.

0 {ORIG}   Restore Original Macro Directory

RUN:**#**+**ENTER**; **C**ategory; **D**own; **U**p; **T**op; **E**nd; **S**earch; **K**B; **M**aintain; **H**elp; **Q**uit

Figure 1. Opening Macaruni Screen (empty database).

```
       Macaruni 1.2, copyright 1991 Robert S. King
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  0 {ORIG}       d:\wpm2              Restore Original Macro Directory
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  1 AUTO→        d:\wpm2              Set auto line height
  2 BLUELINE→    d:\wpm2              Blueline proof form for author
  3 BOX→         d:\wpm2              Box drawer
  4 CALC→        d:\wpm2              Pop-up calculator
  5 DOCDOC→      d:\docmono           Document Doctor Main Menu--monochrome
  6 DOCDOC→      d:\docdoc            Document Doctor Main Menu--color
  7 DOUBLE→      d:\wpm2              Set double spacing
  8 EDIT→        d:\wpm2              Edited manuscript form for author
  9 FAX→         d:\wpm2              FAX form for Ag Communications
 10 LABELS→      d:\wpm2              Labels sheet setup macro
 11 LOGIN→       d:\wpm2              Login form for Ag Comm new
manuscripts
 12 LONG→        d:\wpm2              Set long document name
 13 NEC→         d:\wpm2              Select NEC LC890 printer
 14 PASSKEY→     d:\passkey           PASSKEY Main Menu
 15 PROOF→       d:\wpm2              Layout proof form for author
 16 SHORT→       d:\wpm2              Set short document name
 17 ZWIZ→        d:\zwiz              ZIP Wizard Main Menu
RUN: #+ENTER; Category; Down; Up; Top; End; KB; Search; Maintain; Help; Quit
```

Figure 2. Macaruni Opening Screen (example of default macro list).

         After pressing any option key on the menu shown in figure 2,
    you must also press **ENTER**. Either upper or lower case letters may
    be used. Cursor keys (arrows) do not function on this menu!
         The options shown at the bottom of the opening menu are
    explained as follows:

    To run a macro: Type the macro's number shown in the list, then
    press **ENTER**.

    Category: Pressing **c** + **ENTER** will take you to the currently
    defined category list (example: Figure 3). If the list is empty,
    you can set up categories with the Maintain command (see below).
    Down: Pressing **d** + **ENTER** will move down a screen in the list.
    Up: As above, but moves up one screen.
    Top: Pressing **t** + **ENTER** moves to the top of the list.
    End: Pressing **e** + **ENTER** moves to the end (bottom) of the
    list.
    KB: Pressing **k** + **ENTER** loads a list of currently available
    keyboards.
    Search: Pressing **s** + **ENTER** prompts you for a string to search
    for in the current list and, if a match is found, prompts as
    follows:
                  Continue search; **R**un this macro; **S**top search
    Maintain: Pressing **m** + **ENTER** takes you to the database

Maintenance menu where you may add, delete, or edit records as well as print out the macro or category lists. See Database Maintenance below for more details.

Quit: Pressing **q** + **ENTER** quits Macaruni.

Loading a Category List

Pressing **c** + **ENTER** from any macro list brings up a display of currently defined categories, an example of which is shown in Figure 3:

Category Menu

1	AGCOMM	Ag Communications macros/merges
2	CONVERT	Document conversion/formatting
3	LABELS	Mailing labels/merge grids
4	MCCOMB	Gordon McComb macros
5	MRMAIN	Macaruni Master Macro List

Type **#** + **ENTER**; **R**eturn; **D**own; **U**p; **T**op; **E**nd; **S**earch; **H**elp; **Q**uit

Figure 3. Category List Example.

After pressing the options key on this menu, you must also press **ENTER**. Either upper or lower case letters may be used. Cursor keys (arrows) do not function on this menu! The options of this screen are as follows:

To load a category list: Type the item's number shown at the left, then press **ENTER**. You will then be taken to the list (in the same format as Figure 2) of macros assigned to that category. As in Figure 1, you may run any macro listed simply by pressing its number + **ENTER.**

Return: Exits category menu and returns to the previous list.
Down: Pressing **d** + **ENTER** will move down a screen in the list.
Up: As above, but moves up one screen.
Top: Pressing **t** + **ENTER** moves to the top of the list.
End: Pressing **e** + **ENTER** moves to the end (bottom) of the list.

Search: Pressing **s** + **ENTER** prompts you for a string to search for in the current list and, if a match is found, prompts as follows:

                    Continue search; **L**oad this list; **S**top search

Quit: Pressing **q** + **ENTER** quits Macaruni.

Keyboards

Pressing **k** + **ENTER** at the initial Macaruni menu brings up a list of currently defined keyboards. An example menu is shown below:

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0 DOCDOC	d:\docdoc	Restore Original Keyboard	

1 ALTRNAT	d:\wpm2	Alternate kb (F1-F3 reversed)	
2 DOCDOC	d:\docdoc	Document Doctor keyboard	
3 DVORAK	d:\wpm2	Dvorak layout	
4 ENHANCED	d:\wpm2	Enhanced keyboard	
5 EQUATION	d:\wpm2	Equation macros	
6 EVERYDAY	d:\wpm2	McComb's keyboard	
7 FORLANG	d:\wpm2	Foreign Language layout	
8 GREEK	d:\wpm2	Greek language layout	
9 MACROS	d:\wpm2	Assortment of macros (WP Corp.)	
10 MACTOOLS	d:\wpm2	Unknown keyboard	
11 NORMAL	d:\wpm2	Bare bones keyboard layout	
12 PASSKEY	d:\passkey	Passkey layout	
13 PASSKEY2	d:\passkey	Passkey 2 layout	
14 SHORTCUT	d:\wpm2	Assorted macros	
15 ZWIZ	d:\zwiz	ZWiz macros	

KB: **#** + **ENTER**; **R**eturn; **D**own; **U**p; **T**op; **E**nd; **S**earch; **H**elp; **Q**uit

Figure 4. Example keyboard list.

The keys of this menu are explained as follows:

To activate a keyboard: Type the item's number shown at the left, then press ENTER.

Return: Exits keyboard menu and returns to the previous list.
Down: Pressing **d** + **ENTER** will move down a screen in the list.
Up: As above, but moves up one screen.
Top: Pressing **t** + **ENTER** moves to the top of the list.
End: Pressing **e** + **ENTER** moves to the end (bottom) of the list.
Search: Pressing **s** + **ENTER** prompts you for a string to search for in the current list and, if a match is found, prompts as follows:

Continue search; **L**oad this KB; **S**top search
Quit: Pressing **q** + **ENTER** quits Macaruni.

There is really nothing more to say about cooking with

Macaruni! Potential problems are more likely encountered in
database management, which we now add to the recipe.

DATABASE MANAGEMENT

Macaruni uses WordPerfect merge files to handle its database.
These files, all located in C:\MACARUNI, may be retrieved into
WordPerfect and manually edited and re-saved (though this is
highly discouraged, since their formatting is very strict; thus,
sloppy editing may cause Macaruni to malfunction). It is
recommended that you use Macaruni's built-in database maintenance
features to make any changes. If you wish to manually edit
anyway, see **Manual Entry** below.
     The following categories of files are maintained by
Macaruni:

Category Merged Files: These files have an extension of MRG. The
     first eight letters indicate the macro category (e.g.,
     LABELS, TABLES, etc.). Macaruni uses the MRG files to
     execute the desired macro from whatever directory is defined
     in the MRG file.

Category Secondary Files: Files with an extension of CAT are
     unformatted data records in WordPerfect secondary file merge
     format. When changes are made to the database, the new
     secondary file is re-sorted and re-merged into its proper
     primary file.

Other Files: Several other primary and secondary merge files are
     also used, though you will likely have no need to access
     them. These include *.PF, *.SF, and *.CSF files. Please do
     not delete these files!

Maintaining the Database

To access the Database Management Menu, load Macaruni and choose
the "Maintain" option (press **m** + **ENTER**) at the opening screen.
Database maintenance requires both Document 1 and Document 2 to
be empty. If not empty, Macaruni will issue an error warning and
allow you to clear any files from memory. Otherwise, you will be
taken to a menu from which you may add, delete, edit, or print
data (Figure 5). Alternatively, before loading Macaruni, you may
directly call the macro MRDB.WPM, which will also take you to the
following menu:

```
                        Macaruni 1.2
                  Database Management Menu

╔═══════════════════════╦═══════════════════════╦═══════════════════════╗
║     Add Record        ║    Delete Record      ║     Edit Record       ║
║                       ║                       ║                       ║
║ 1 Master Macro List   ║ 4 Master Macro List   ║ 7 Master Macro List   ║
║ 2 Category Menu       ║ 5 Category Menu       ║ 8 Category Menu       ║
║ 3 Category Macro List ║ 6 Category Macro List ║ 9 Category Macro List ║
║ A Keyboard list       ║ D Keyboard list       ║ E Keyboard list       ║
╚═══════════════════════╬═══════════════════════╬═══════════════════════╝
                        ║ ? Help                ║
                        ║ P Print               ║
                        ║ Q Quit (also F1)      ║
                        ╚═══════════════════════╝
```

Figure 5. Database Management Menu.

Database Menu Options

Note: This menu does <u>not</u> require pressing the **ENTER** key after the option
key.

<p align="center">Add Record</p>

1 Master Macro List: Allows you to add new macros to the **main** (default)
    macro list. You will be prompted for the necessary information. The
    default list may be composed of whatever macros you wish, though the
    author intends this list to be comprised of the macros you use most
    often. This is the list that is immediately loaded when you run
    Macaruni. An artificial limit of 999 macros is imposed for any list.
    If you need more than that (you're kidding!), simply retrieve the C:\
    MACARUNI\MRMAIN.PF file, go to its end and add numbers to the basic
    grid as you see fit.
2 Category Menu: Allows you to add a new category of macros (e.g., LABELS,
    MERGE, etc.) from which you may call up lists of macros assigned to a
    particular category. <u>Please note that category names are limited to 8</u>
    <u>characters maximum!</u> The reason is that category lists are saved as
    individual files (with CAT or MRG extensions).
3 Category Macro List: Allows you to assign macros to a <u>previously defined</u>
    category list.
A Keyboard List: Adds keyboard name and path to the list.

<p align="center">Delete Record</p>

    <u>Please note that, in all deletion operations, only the database</u>
    <u>records are removed from disk, not the actual macros</u>.

4 Master Macro List: Same as 1 above, but deletes from the list.
5 Category Menu: Same as 2 above, but deletes categories.
6 Category Macro List: Same as 3 above, but deletes macros from selected

category list.
D Keyboard List: Deletes keyboard record from database.

7 Master Macro List: Same as 1 above, but revises data in NAME, PATH, or
     DESCRIPTIONS fields of the main macro list.
8 Category Menu: Same as 2 above, but revises category data.
9 Category Macro List: Same as 3 above, but revises data in a macro list
     assigned to a particular category.
E Keyboard List: Edits entry in keyboard list.

Print: Allows you to print out the database (see *Print* below).
Q Quit (also **F1**): Exits Macaruni
X Exit this menu: Exits database menu, returns to previous level.

Each of the above options is explained further in the following sections:

> *Add:* **Master Macro List**
> Pressing **1** at the Database Management Menu will bring up an options
list similar to the one in Figure 6:

02-20-91 11:08a   *Directory D:\WPM2*.**
Document size: 3,512   Free: 20,774,912 Used: 543,796   Files: 137

. Current <Dir>					.. Parent <Dir>			
ALLDOC	.DOC	40,107	11-19-90	03:36p	ALTA	.EDM	75	10-01-90 11:24a
ALTA	.WPM	103	01-22-91	11:13a	ALTC	.EDM	81	12-07-90 01:09p
ALTD	.EDM	81	12-07-90	01:09p	ALTL	.WPM	131	12-14-90 04:11p
ALTM	.EDM	223	01-10-91	03:14p	ALTM	.WPM	8,122	02-18-91 09:08a
ALTN	.EDM	265	01-10-91	03:01p	ALTN	.WPM	75	02-20-91 08:28a
ALTP	.WPM	77	11-15-90	08:17a	ALTQ	.WPM	105	01-23-91 10:27a
ALTRNAT	.WPK	919	10-30-90	03:12p	ALTW	.EDM	89	11-07-90 09:24a
ALTX	.WPM	175	01-25-91	08:34a	ALTY	.WPM	1,081	01-17-91 03:07p
ALTZ	.EDM	89	12-07-90	01:09p	ASK	.WPM	733	11-20-90 10:04a
ASK2	.WPM	647	11-20-90	12:37p	AUTO	.WPM	71	03-17-89 09:54a
BLOCKVAR	.WPM	211	12-03-90	11:28a	BLUELINE	.WPM	107	01-05-90 04:29p
CALC	.WPM	7,972	06-29-90	12:00p	CODE	.WPM	12,478	10-17-90 01:22p
CODELIST	.DOC	19,221	11-19-90	03:33p	CODELIST	.WPM	8,605	11-20-90 08:31a
COLUMNS	.WPM	249	12-15-89	03:12p	DAILY	.WPM	610	08-08-90 11:15a
DASH	.WPM	89	01-11-89	09:05a	DBLIST	.WPM	63	01-07-91 02:34p
DEL	.WPM	141	01-14-91	01:52p	DIR	.WPM	2,464	08-22-90 03:02p
DIRECT	.WPM	103	10-11-90	04:43p	DOC	.EDM	81	11-09-90 04:32p

Delete; **R**ename/Move; **S**hort/Long Display; **O**ther Directory; **C**opy;
Look;   **H**elp;   **N**ame Search;   Movement keys: ↑↓→←;   **PgUp**-**PgDn**;
* tags;   **Alt-F5** tags all;   **M**ask;   **Q**uit;   **ENTER** selects Macro

Figure 6. Options Menu to Add Macro to Master Macro List.

The options above are explained as follows:

<u>NOTE: Only one macro at a time may be added. The Tag File feature is</u>
<u>   intended for file handling only (i.e., copy/move/delete, etc.). See</u>
<u>   ENTER below for specifics of how to add multiple macros.</u>

Delete: The file under the cursor will be deleted. If you have tagged
                 multiple files, then all tagged files will be deleted.
Rename/Move: As above, but renames a file in current directory or moves
                 tagged files to another drive/directory.
Short/Long: Toggles between short and long filenames.
Other Directory: Goes to the file list of a specified directory. <u>The</u>
<u>directory</u>
                 <u>must already exist!</u> If you have just added another macro
                 from the current directory, you will be asked if you need to
                 copy MACARUNI.WPM (or whatever you've called it) into the
                 current directory. As mentioned in the intro screen of the
                 installation macro, Macaruni's executable macro must be in
                 every directory containing macros. If you are not sure
                 whether or not that file already exists in the directory,
                 answer **y** (yes). No harm will be done; the file will simply be
                 overwritten with a duplicate copy.
Copy: As Delete above, but copies files.
Look: Views contents of files. You may also press **6** to view. This
                 could be used to see a macro's existing description, if any,
                 before adding it to the database.
Name Search: Searches for a string in the current file list.
↑↓→←:   Cursor keys function as normal to move around the list.
Pg Up-**Pg Dn**:   Move the file display up or down one screen.
*:   Tags file under cursor (used with **D, R, C**).
Alt-F5:   Tags all files in current directory (used with **D, R, C**)
Mask: Changes filename pattern in current directory (default is
                 *.WPM).
Quit: Quits Macaruni and clears screen.
ENTER: Pressing ENTER selects the macro under the cursor for addi-
                 tion to the pre-specified macro category list. You will be
                 prompted for a description of the macro and then asked if you
                 wish to add another macro to the list. If so, you will be
                 returned to the previous file list to continue the process.
                 If not, the database will be updated, sorted, and re-merged.

           Add: **Category Menu**
        Pressing **2** at the Database Management Menu will load the
     default macro list (secondary merge file) and prompt you for a
     new category name to add to it (maximum 8 characters), after
     which you will be asked for a description for that category.
     Finally, you will be asked if you wish to add another category.
     If you say no, the database will be automatically updated. If
     yes, you will begin the process anew.

Add: **Category Macro List**

This is basically the same as adding to the default list except that you are first presented with a screen similar to that of Figure 7:

```
02-20-91  11:35a              Directory C:\MACARUNI\*.CAT
Document size:        0   Free:  4,050,944 Used:      24,471    Files:       5

.    Current   <Dir>              │  ..    Parent    <Dir>
AGCOMM  .CAT      912  02-18-91 10:11a │ CONVERT .CAT      653  02-07-91 02:44p
LABELS  .CAT      540  02-07-91 03:41p │ MCCOMB  .CAT   19,609  02-13-91 03:10p
MRMAIN  .CAT    2,757  02-19-91 04:05p
```

1 Retrieve; 2 Delete; 3 Move/Rename; 4 Print; 5 Short/Long Display;
Move cursor to category file, press ENTER to select:

Figure 7. Prompt for Selection of Macro Category: Add to Database Mode.

The selected list will be loaded and you may then add macros.

Delete: **Master Macro List**
Pressing **4** at the Database Management Menu brings up the
default macro list similar to that in Figure 8:

0	{ORIG}	d:\wpm2	Restore Original Macro Directory

1	AUTO→	d:\wpm2	Set auto line height
2	BLUELINE→	d:\wpm2	Blueline proof form for author
3	BOX→	d:\wpm2	Box drawer
4	CALC→	d:\wpm2	Pop-up calculator
5	DOCDOC→	d:\docmono	Document Doctor Main Menu--monochrome
6	DOCDOC→	d:\docdoc	Document Doctor Main Menu--color
7	DOUBLE→	d:\wpm2	Set double spacing
8	EDIT→	d:\wpm2	Edited manuscript form for author
9	FAX→	d:\wpm2	FAX form for Ag Communications
10	LABELS→	d:\wpm2	Labels sheet setup macro
11	LOGIN→	d:\wpm2	Login form for Ag Comm new manuscripts
12	LONG→	d:\wpm2	Set long document name
13	MEMO→	d:\wpm2	Robert's Ag Comm memo form
14	NEC→	d:\wpm2	Select NEC LC890 printer
15	PASSKEY→	d:\passkey	PASSKEY Main Menu
16	PROOF→	d:\wpm2	Layout proof form for author
17	SHORT→	d:\wpm2	Set short document name

~~Del~~: **#** + **ENTER** tags; **G**o del; **U**ntag; **D**own; **U**p; **T**op; **E**nd; **S**earch; **H**elp; **Q**uit

Figure 8. Options to Delete Macro(s) from Main Macro List.

        The above options are further explained:

Note: After pressing the options key on this menu, you must also press ENTER.
     Either upper or lower case letters may be used. Cursor keys (arrows) do
     not function on this menu!

To tag for deletion: Type the item's number shown in the list, then press
                    ENTER. After all items are tagged, press **g** to perform
                    the deletion (see below).

Go del: Deletes all the tagged items. Important!: If you fail to press
              this key, the database will not be updated.
Untag: Pressing **n** + **ENTER** prompts you for the number of the item you
              wish to untag.
Down: Pressing **d** + **ENTER** will move down a screen in the list.
Up: As above, but moves up one screen.
Top: Pressing **t** + **ENTER** moves to the top of the list.
End: Pressing **e** + **ENTER** moves to the end (bottom) of the list.
Search: Pressing **s** + **ENTER** prompts you for a string to search for in
              the current list and, if a match is found, prompts as follows:
                    Continue search; **T**ag this macro; **S**top search
Quit: Pressing **q** + **ENTER** quits Macaruni.

After you press the **g** key, the database will be re-sorted and re-merged.

     Delete: **Category Menu**

     Pressing **5** at the Database Management Menu brings up the same options screen as shown in Figure 8, except you are given a list of categories instead of macros. The options function in the same manner as above. <u>Please be sure of your deletion choices, as all records associated with the selected category are removed from the database</u>.

     Delete: **Category Macro List**

     Pressing **6** at the Database Management Menu brings up the same options screen as shown in Figure 8, except you are first prompted for the category from which you wish to delete (you are shown the current *.CAT files in the C:\MACARUNI directory).

     Edit: **Master Macro List**

     Pressing **7** at the Database Management Menu brings up an options screen similar to that of Figure 9:

     Macaruni 1.2, copyright 1991 Robert S. King
Published by Darkhorse Industries, P. O. Box 709, Winterville, GA 30683
===

```
 0 {ORIG}      d:\wpm2                Restore Original Macro Directory
```
===

```
 1 AUTO→       d:\wpm2                Set auto line height
 2 BLUELINE→   d:\wpm2                Blueline proof form for author
 3 BOX→        d:\wpm2                Box drawer
 4 CALC→       d:\wpm2                Pop-up calculator
 5 DOCDOC→     d:\docmono             Document Doctor Main Menu--monochrome
 6 DOCDOC→     d:\docdoc              Document Doctor Main Menu--color
 7 DOUBLE→     d:\wpm2                Set double spacing
 8 EDIT→       d:\wpm2                Edited manuscript form for author
 9 FAX→        d:\wpm2                FAX form for Ag Communications
10 LABELS→     d:\wpm2                Labels sheet setup macro
11 LOGIN→      d:\wpm2                Login form for Ag Comm new
                                      manuscripts
12 LONG→       d:\wpm2                Set long document name
13 MEMO→       d:\wpm2                Robert's Ag Comm memo form
14 NEC→        d:\wpm2                Select NEC LC890 printer
15 PASSKEY→    d:\passkey             PASSKEY Main Menu
16 PROOF→      d:\wpm2                Layout proof form for author
17 SHORT→      d:\wpm2                Set short document name
```
~~Edit:~~**#**+**ENTER**; Sa**v**e changes; **D**own; **U**p; **T**op; **E**nd; **S**earch; **R**eplace; **H**elp; **Q**uit

Figure 9. Options to Edit Database Records: Master Macro List.

The Edit options are further explained:

<u>Note: After pressing the options key on this menu, you must also press ENTER. Either upper or lower case letters may be used. Cursor keys (arrows) do not function on this menu!</u>

To edit item: Type the item's number shown in the list, then press **ENTER**. You are asked if you wish to edit the **N**ame, **P**ath, or **D**escription fields. This is intended as a convenience and does not mean that you cannot edit all three fields once the cursor lands on the appropriate secondary merge file record.

Sa**v**e changes: <u>Important!</u> After you have edited all records you wish to, press **v** + **ENTER** to save the changes.

Down: Pressing **d** + **ENTER** will move down a screen in the list.

Up: As above, but moves up one screen.

Top: Pressing **t** + **ENTER** moves to the top of the list.

End: Pressing **e** + **ENTER** moves to the end (bottom) of the list.

Search: Pressing **s** + **ENTER** prompts you for a string to search for in the current list and, if a match is found, prompts as follows:
           Continue search; **E**dit this item; **S**top search

Replace: Allows you to search and replace strings in the data
           file, automatically or with confirm. Note that when the search and replace is finished, the changes will not show at once. Rather, the records will be updated when you press **v** to Sa**v**e Changes (after you have completed all editing tasks).

Quit: Pressing **q** + **ENTER** quits Macaruni.

   Edit: **Category Menu**
   Pressing **8** at the Database Management Menu brings up the same options screen as shown in Figure 9, except you are given a list of categories instead of macros. The options function in the same manner as above.

   Edit: **Category Macro List**
   Pressing **9** at the Database Management Menu brings up the same options screen as shown in Figure 8, except you are first prompted for the category for which you wish to edit records (you are shown the current *.CAT files in the C:\MACARUNI directory).

   Print
   Pressing **p** at the Database Management Menu brings up an options screen similar to that shown in Figure 10:

```
02-20-91  10:55a              Directory C:\MACARUNI\*.MRG
Document size:   4,440   Free:  4,093,952 Used:      30,973      Files:        6

.    Current    <Dir>                    ..     Parent     <Dir>
AGCOMM  .MRG   2,206  02-18-91 10:11a   CONVERT .MRG    2,036  02-06-91 01:55p
LABELS  .MRG   1,936  02-07-91 03:41p   MCCOMB  .MRG   18,641  02-13-91 03:10p
MRCAT   .MRG   2,469  02-07-91 03:40p   MRMAIN  .MRG    3,685  02-19-91 04:06p
```
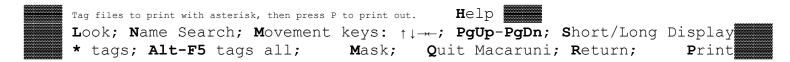
Tag files to print with asterisk, then press P to print out.   **H**elp
Look; **N**ame Search; **M**ovement keys: ↑↓→←; **PgUp**-**PgDn**; **S**hort/Long Display
* tags; **Alt-F5** tags all;   **M**ask;   **Q**uit Macaruni; **R**eturn;   **P**rint

Figure 10. Print Menu Options.

The above options are explained further:

Note: All Macaruni printable files are located in the C:\
MACARUNI directory. They may be printed from within Macaruni or
directly from within WordPerfect. If you opt for direct
printing, please do not change the file formatting in the
slightest, as this may cause Macaruni to malfunction.

*** Tag file: You must tag a file(s) before printing.
Otherwise, Macaruni will abort.**
Alt-F5:   Tags for printing all files in the list.
Look: As in a WordPerfect file list, the contents of the
file are quickly viewed without retrieving into WP. Note that in
this menu you may also press **6** or **ENTER** to look at a file.
Name Search: Used to search through a file list for a string.
↑↓→←:   Arrow keys function as usual in order to move
around the list.
PgUp-**PgDn**:   Move up or down a screen.
Short/Long: Select short or long document display.
Mask: Selects type of Macaruni printable file (see also
the Help screen on this key's submenu).
Quit: Quits Macaruni and clears the screen.
Return: Quits the print menu, returns to the previous
Macaruni level.
Print: <u>Important!</u> This key must be pressed after all
files are tagged

Manual Entry

If you prefer, or if you have a very slow computer, you may
retrieve the database files into WordPerfect to add macros or to
edit or delete existing records. Again, the caveat is that you
must take absolute care to retain the very strict formatting of
the database files. The files you will have to retrieve and/or
create depend on how many categories of macros you need.
Remember that the main list of macros (the one that is loaded by
default) is MRMAIN.MRG. All files with the MRG extension repre-
sent merged and formatted lists of macros associated with a
category. *Do not edit or add to these lists!* Instead, you must
edit the raw data files (*.KSF and *.CAT) and then merge them.
To give you a visual representation of the process, see figure
11:

Primary File	Secondary file	Resulting Merged File
Merge this:	*With this:*	*To get this:*
MRMAIN.PF	MRMAIN.CAT	MRMAIN.MRG
MRMAIN.PF	*.CAT (where * is the category name; e.g., LABELS.CAT)	*.MRG (where * is the category name; e.g., LABELS.MRG)
KEYBOARD.PF	KEYBOARD.KSF	KEYBOARD.MRG (the list of available keyboards)
MRCAT.PF	MRCAT.SF	MRCAT.MRG (the menu of defined macro categories)

Figure 11. Merge File Template.

Editing macro data files

Let's use a sample to further illustrate the process. Let's assume that you already have, or wish to create, a list of macros belonging to a file/cleanup and conversion category. For short, we'll call the category CONVERT. If the category does not already exist, you need to clear the WordPerfect screen. If it already exists, retrieve the file: C:\MACARUNI\CONVERT.CAT. When the file loads, press **Home, Home, Down** to go to the end of the file. You will see secondary file records similar to the following (figure 12):

DOCDOC→
c:\docdoc
Document Doctor Main Menu

==
PASSKEY→
c:\passkey
PASSKEY Main Menu

==
REFONT→
c:\wpm
search and replace fonts

==

Figure 12. Sample secondary merge data file.

The format of Macaruni secondary files (macros) is as follows:

Line 1:   MACRO→{END FIELD}

> where
>
> **MACRO** is the name of the macro (you may wish to type this in upper case letters to make it distinguishable in the merge file);
>
> → is the end of filename delimiter (*This character must be present or Macaruni will malfunction!*)--to create the →, simply hold down the ALT key, press 26 on the number pad (not the numbers on the regular keyboard!), then release the ALT key;
>
> {END FIELD} is the merge code to mark the end of the field; created by pressing the **F9** key--do not press **ENTER**!

Line 2:   drive:\directory{END FIELD}

> where
>
> drive:\directory is the location of the macro. For example, d:\allmacs. It is suggested that you use lower case letters here, again to make the pathname visually distinguished;
>
> {END FIELD} is same as above;

Line 3:   description of macro{END FIELD}

> where
>
> the description may be anything you wish, and as long as you wish. If longer than one line, let WordPerfect wrap the line for you--don't press **ENTER** at the end of the screen!;
>
> {END FIELD} is same as above;

Line 4:   {END RECORD}

> After all information is entered for a particular macro, press **Shift-F9, 2**. This will insert the end of record code and will also add a hard (forced) page command (shown as ===== characters on the screen). *That hard page is vital!* Without it, Macaruni will malfunction.

Once the record(s) are entered into the secondary file, you are ready to sort the data into filename order. To do so press, the following keys:

```
        Ctrl-F9     (Merge/Sort)
        2           (select Sort)
        ENTER       (select document on screen to sort)
        ENTER       (select document on screen as output file)
        7           (select type of sort)
        1           (select merge type)
        6           (select order of sort menu)
        1           (select ascending order)
        1           (perform the sort)
```

After the sort completes, save the document and clear the screen.
In our example category, we would save the file as C:\MACARUNI\
CONVERT.CAT (the file must be saved to the Macaruni directory).
    Now we are ready to merge. Issue the following commands:

        Ctrl-F9   (merge/sort menu)
        1   (selects merge)
        c:\macaruni\mrmain.pf   (names primary merge file--
always the name shown here)
        c:\macaruni\convert.cat (names secondary merge file--
name will vary depending on category)
        F7   (save the resulting merge
file)
        y   (confirm save)
        c:\macaruni\convert.mrg (names the merged file--name
will vary depending on the category)
        ENTER   (after pressing this key, you
may be asked if you wish to replace the older version of the
file, if any)
        n   (answers no to exit WP)

Now you are ready to cook Macaruni!

    <u>Editing keyboard data files</u>
    The process for editing keyboards is basically the same as
above, except there are only three potential files involved:
KEYBOARD.PF (primary), KEYBOARD.KSF (secondary), and KEYBOARD.MRG
(merged). One other important difference is that no → delimiter
is needed in the keyboard lists. No categories of keyboards are
supported in this version of Macaruni.

    <u>Editing macro category menu data files</u>

    Again, the process is basically as above. The main
distinction of the category menu data file is that it contains
fewer fields, as shown in figure 13. The files involved are
MRCAT.PF (primary), MRCAT.SF (secondary), and MRCAT.MRG (merged).

CONVERT
Document conversion/formatting

==
LABELS
Mailing labels and merge

==
MRMAIN
Macaruni Master Macro List

==

Figure 13. Sample macro category menu data file.

Review the Editing macro data files above for how-to information.

Needless to say, the manual method of entering or editing data requires much more work by the user. If your machine is not intolerably slow, it bears repeating that Macaruni's built-in maintenance is the easiest way to go.

TROUBLESHOOTING

     Keyboard not found. The most likely cause of error messages in Macaruni involves the resetting of default keyboard and macro paths. Macaruni installs as the default the chosen macro's pathname; thus, the reason for placing a copy of MACARUNI.WPM in each macro directory. The program takes care of this problem automatically for macros; however, keyboards present a special problem. It is impractical and wasteful to have a copy of every keyboard in every directory. Therefore, you may occasionally, upon loading WordPerfect, receive the error message "...keyboard not found." This is easily fixed by executing Macaruni, going to the keyboard menu, and choosing the desired keyboard.
     File not found. Should you receive a "not listed" message when executing a macro via WordPerfect's **ALT-F10** command, try using Macaruni's quick key (**ALT?**--where **?** is the quick key letter defined during installation). This scans the Macaruni database and executes the macro. It is highly recommended that you *always* use the quick key instead of **ALT-F10**. Adhering to that rule will allow Macaruni to control macro execution and reduce frustration and confusion on your part.
     Not listed in Macaruni database. You have tried to execute a macro with the **ALT?** quick key that has not been added to the Macaruni database.
     Macro list scrambled screens, line breaks, and column alignment. If you find after installation that Macaruni's screens are scrambled at the top, revision is a relatively simple

matter (the current setting should work almost always, unless you have an exotic printer or have set the screen pitch too large). If you need to adjust, retrieve the following files: MRMAIN.PF, MRCAT.PF, and KEYBOARD.PF, all in C:\MACARUNI. Adjust the text at the top of those files until they no longer scramble or wrap to a second line. *Be sure to re-save the files!*

    Column alignment presents a somewhat more complex obstacle. If the columns in macro lists are jammed together (or spread off the screen), the culprit is Display Pitch. To remedy the situation, retrieve the files mentioned above (plus any files with the MRG filename extension, found in C:\MACARUNI). Reset the Display Pitch for each file by issuing the following commands:

        Shift-F8   (format)
        3   (document format menu 3)
        1   (display pitch)
        y   (automatic pitch)
        0.1   (pitch setting--you may have to adjust
this number up or down)
        F7   (exit back to document)

Future Versions

Of course, it goes without saying that comments and suggestions from users are welcome. I will make every effort to acknowledge and to incorporate good ideas into future versions.

Registration

Registration of Macaruni is $15.00. That amount entitles you to future upgrades of the program for a nominal handling fee, including any special editions available only to registered users. A further advantage of registration is that you may receive a customized version of the Macaruni which allows you to install the program to any drive. Please specify your needs when ordering.

    To register, please print out and fill out the form on the last page of this document and mail it along with your check to Darkhorse Industries (address shown on the registration form).

    I hope you find Macaruni useful, and I thank you in advance for your support.

ACKNOWLEDGEMENTS