

2.0.0 to 3.0.0 UPGRADE NOTES

1 August 1983

CN0005/1101

PREFACE

This document guides you through the process of updating your 2.0.0 software to the new 3.0.0 version. To use the 3.0.0 software follow these steps:

1. Read these Upgrade Notes. They give you step-by-step instructions on how to change from 2.0.0 to 3.0.0.
2. Review the "2.0.0 to 3.0.0 Overview" at the back of this document to note the systemwide changes and changes for GRiDFile, GRiDPlot, GRiDPlan, and GRiDWrite. Note that the right-hand column of the overview shows where you can find further information on a specific change.
3. Read the GRiDManager chapter in the "Compass Computer System Reference" manual. This manual is a reference to all the GRiD applications and provides information on all the changes. The major change in 3.0.0 is that you manage files using a separate application called the GRiDManager.

TABLE OF CONTENTS

VERSION 3.0.0 UPGRADE NOTES

INTRODUCTION

An Overview of 3.0.0 Software Features	1
Special Users	2
I. UPGRADE FOR USERS WITH A 2101 DISK SYSTEM	2
I-A. Moving Files Out of the Programs Subject	2
I-B. Starting Up in 3.0.0 Software	3
I-C. Erasing Programs on Bubble and Hard Disk	3
I-D. Loading 3.0.0 upgrade Diskette into the Bubble	5
I-E. Getting Additional 3.0.0 Software from GRid Central ..	6
I-F. Modifying Old Files for Use with 3.0.0 Software	6
II. UPGRADING FOR USERS WITH BUBBLE MEMORY ONLY	8
II-A. Erasing Files from the Bubble	8
II-B. Getting Required 3.0.0 Software from GRid Central ...	9
II-C. Erasing 2.0.0 Files	9
II-D. Booting into Version 3.0.0 Software	10
II-E. Changing Compass Manager's Kind	10
II-F. Getting Additional Software from GRid Central	11
II-G. Modifying Old Files for Use with 3.0.0 Software	11
III. UPGRADE FOR USERS WITH A 2102 PORTABLE DISKETTE DRIVE	12
III-A. Moving Files Out of the Programs Subject	12
III-B. Starting Up in 3.0.0 Software	12
III-C. Erasing Programs on Bubble	13
III-D. Loading 3.0.0 Upgrade Diskette into the Bubble ...	15
III-E. Formatting Floppy Diskettes	16
III-E. Getting Additional 3.0.0 Software from GRid Central	16
III-F. Modifying Old Files for Use with 3.0.0 Software ...	16

APPENDICES

- A. Using GRidManager
- B. Signing on to GRid Central
- C. Using GRidFileConvert

ATTACHMENT

2.0.0 TO 3.0.0 OVERVIEW

VERSION 3.0.0 UPGRADE NOTES

INTRODUCTION

This set of notes contains all the instructions you need to upgrade your GRiD Compass to GRiD's 3.0.0 software. This version has a new application, the "GRiDManager," that lets you manage your files, and a number of new features in each application. Be sure to consult the attached "2.0.0 to 3.0.0 Overview" to note the systemwide changes and enhancements for GRiDFile, GRiDPlot, GRiDPlan, and GRiDWrite.

NOTE: Once your data files have been used with 3.0.0 software you won't be able to use those files under 2.0.0. This document assumes that you have made back-up copies of all your important files (either to floppy disk or to GRiD Central). If you have not done this, DO IT NOW. Before backing up any GRiDReformat files, you may want to make notes on the option settings of these files. After conversion, the option settings of these files will have been altered.

An Overview of 3.0.0 Software Features

New features of the 3.0.0 software are:

- o Cursor movement within a form or menu.
- o The File form
- o The GRiDManager program
- o The Wildcard character (CODE-W) for transferring multiple files with GRiDManager.
- o An enhanced interface to GRiD Central.

See the attached "2.0.0 to 3.0.0 Overview" to learn more about these changes.

Authorization to Obtain 3.0.0 Software from GRiD Central

In order to get the new 3.0.0 software from GRiD Central, you must be an 'authorized' user. That is, you must have filled out a "GRiD Central Service Agreement". Contact the GRiD Customer Support Center at 415-961-4743 for more information.

Special Users

There is a different upgrade procedure if you are using a 2101 Disk System, or you are only using bubble memory, or you are using bubble memory and a 2102 Diskette Drive. We first explain the upgrade procedure for users with a 2101 Disk system. If you are using only bubble memory, you can skip to page 8 to begin the upgrade procedure. If you are using the 2102 Portable Diskette Drive, skip to page 12 to begin the upgrade procedure.

I. UPGRADE FOR USERS WITH A 2101 DISK SYSTEM

Before upgrading to 3.0.0 you must have the 3.0.0 Upgrade diskette. The list that follows gives an overview of the basic update procedures. Following the overview, we present each procedure in a step-by-step fashion. Here is a summary of the steps you will perform to complete the upgrade. Read this summary for an overview and then proceed to the detailed steps that follow to upgrade your system.

- A. Move any programs or data files you have created that are under the Programs subject to another subject.
- B. Boot up your system with 3.0.0 startup software from the Upgrade diskette. This causes your computer to run 3.0.0 software.
- C. Erase programs on bubble and hard disk.
- D. Load the files from the 3.0.0 Upgrade diskette into bubble and reboot system.
- E. Load your hard disk with the new 3.0.0 software you need from GRiD Central.
- F. Modify your files. Convert any database files with the GRiDFileConvert program.

I-A. Moving Files Out of the Programs Subject

Part of the upgrade procedure requires that you erase all of the 2.0.0 programs from the subject Programs on both hard disk and bubble. This ensures that there will not be conflicts between the new 3.0.0 programs and old versions. Therefore, if you have any programs you have created or any data files under the Programs Subject, move them to another subject using the CODE-M command. If you use your Compass for program development and have language associated files such as Pascal, Link, Lib, and so on, you should also move these files. You can return these files to the Programs subject after the upgrade since all language-associated files will still be compatible with 3.0.0 system software.

I-B. Starting Up in 3.0.0 Software

After moving your own files out of the subject Programs, you can now start running the 3.0.0 software on your system. Here are the steps:

1. Put the 3.0.0 Upgrade diskette in your floppy drive. If your Compass is on, turn it off.
2. Hold down the "F" key and turn the Compass on. Continue to hold down the key until you see the "F" light on the floppy drive flashing.
3. When the new system has finished loading itself, you will see the new version 3.0.0 file form. See Figure 1 below.

31-Jul-82		5:51 PM	
Programs			
Device	Floppy Disk		
Subject	Programs		
Title			
Kind			
Password			
Select a file and confirm Or press CODE-? for help			

Figure 1. The New 3.0.0 File Form

Note that the device item is set to "Floppy Disk" and the subject item to "Programs".

I-C. Erasing Programs on Bubble and Hard Disk

All the programs must be erased from the hard disk and bubble. To erase the programs, you will use the Erase command of the GRIDManager program. To retrieve the GRIDManager, make sure that the File form has the Device item is set to "Floppy Disk" and the Subject item to "Programs". (Note: keystrokes used to move around forms have been changed in 3.0.0 software. Refer to the "2.0.0 TO 3.0.0 OVERVIEW" at the back of this document for a discussion of the

new keystrokes.)

HOW TO RETRIEVE GRIDMANAGER

1. Press RETURN once. A list of titles appears.
2. Press DownArrow until "GRiDManager" appears as the title. NOTE: The title's kind automatically appears too -- Run Sign-on. Your screen should resemble the one shown in Figure 2.

31-Jul-82		5:53 PM	
↑	CCDS	System	
	Common	Shared	
	Executive	Run	
	GRiDManager	Run Sign-on	
	Modem	device	
	PhoneLink	Device	
Device	Floppy Disk		
Subject	Programs		
Title	GRiDManager		
Kind	Run Sign-on		
Password			
Select a file and confirm Or press CODE-? for help			

Figure 2. The File Form Ready to Retrieve GRiDManager

3. Press CODE-RETURN to confirm. The GRiDManager menu appears. See Figure 3 below.



Figure 3. The GRiDManager Menu

First erase all of the files under the subject Programs from the bubble, and then all the files under Programs from the hard disk. Make sure you've saved or moved all of your files first.

You can use the Wildcard Character feature of the GRiDManager to erase your files. This character is used to operate on multiple files and works with the Duplicate, Erase and Move commands. For examples of using the wildcard feature of the GRiDManager to erase files, refer to Appendix A of this document.

I-D. Loading 3.0.0 Upgrade Diskette into the Bubble

You can now load the 3.0.0 Upgrade diskette into the bubble. Your 3.0.0 Upgrade diskette contains the following programs:

```
@SystemErrors
CCOS
Common
GRiDManager
Executive
Modem
PhoneLink
```

The GRiDManager Duplicate command can copy all of 3.0.0 Upgrade diskette at once, if you insert CODE-W for the Title and Kind. Follow the steps below. NOTE: Do this only after backing up all your files and erasing the Programs subject.

TRANSFERRING THE CONTENTS OF 3.0.0 UPGRADE DISKETTE

1. Get into the GRiDManager Program.
2. Select the Duplicate command (CODE-D).
3. Fill in the Source File form; press RETURN twice (leaving Floppy Disk as the Device and Programs as the Subject). The list of titles (shown above) appears.
4. Press CODE-W in the Title item.
5. Press RETURN to move the outline to the Kind item.
6. Press CODE-W.
7. Confirm this screen. The Duplicate form for a destination file appears.
8. Press UpArrow twice to make the Device item Bubble Memory.
9. Confirm the form. The Duplicate Verification form appears.
10. Press RightArrow to disable verification.
11. Confirm the form and the duplicating begins.

After loading the software into the bubble turn your Compass off and then on again to reboot under the new software on your bubble.

I-E. Getting Additional 3.0.0 Software from GRiD Central

To get additional application software, such as GRiDWrite, GRiDTerm, etc., from GRiD Central, you must first sign on to GRiD Central via the GRiDManager and then use the Duplicate Command of GRiDManager to download the software to your hard disk from the device called "GRiDCentral:Software Subjects 3.0.0".

Some of the items on the Sign-on form are different than they were with version 2.0.0 software. Refer to Appendix B of this document for a detailed description of the steps to follow to fill in the form.

I-F. Modifying Old Files for Use with 3.0.0 Software

Once you have transferred all the 3.0.0 software, there are some files that will have to be modified before you can use them with the new software.

1. You will have to alter the Options form for any GRiDReformat files.
2. You must convert your database files by running the GRiDFileConvert program as described in Appendix C.

Also, the first time you read in any 2.0.0 created data files it will take longer than normal due to the 3.0.0 changes made in the file format. This is normal. Once you have made any changes in the file and saved the file, the length of time to read in that file will return to normal.

After completing the initial upgrade procedures, program development system users must go to GRiD Central and get additional software from the subjects "Incs", "Libs" and "Development Environment".

II. UPGRADING FOR USERS WITH BUBBLE MEMORY ONLY

An overview of the procedures needed to upgrade your Compass is listed below. Following this overview, details of each procedure are listed in a step-by-step fashion. The procedures outlined here assume that you have stored (to GRiD Central) backup copies of all your important files. If you have not done this, DO IT NOW. Before backing up any GRiDReformat files, you may want to make notes on the option settings of these files. After conversion, the option settings of these files will have been altered.

- A. Erase all files from your bubble except for ten specified files (listed under the detailed procedure described later).
- B. Dial GRiD Central and download eight files (listed later under the detailed procedure) from the device called "GRiDCentral: Software Subject 3.0.0".
- C. Delete specified unneeded 2.0 programs from the bubble.
- D. Reboot your Compass.
- E. Rename the GRiDManager program.
- F. Go back to GRiD Central and get any additional applications and files you want to have on your bubble.
- G. Modify old files to work with 3.0.0.

II-A. Erasing Files from the Bubble

Erase all subjects except Programs. (Make sure you have backed up all files first). To do this, locate the outline around the subject name and press CODE-E. Confirm as instructed.

Finally, erase all files from the Programs subject except the following ten files:

```
@SystemErrors
Activate
CCOS
Common
Do
Executive
Modem
NavigatorInterface
System.Init
User
```

These ten programs constitute the basic 2.0.0 software necessary for starting the computer and dialing GRiD Central.

WARNING: If for any reason, a failure should occur during transmission, do NOT turn the computer off. Instead, press CODE-ESC, and re-dial GRiD Central.

II-B. Getting Required 3.0.0 Software from GRiD Central

Connect to GRiD Central and select the device titled "GRiD Central: Software Subjects 3.0.0" and then the subject "Programs". Duplicate (CODE-D) each of the programs (see below) from this subject to your bubble. NOTE: If you do not have any database files, you will not need to duplicate GRiDFileConvert.

You will often need to "confirm to overwrite" for most of the new files. Approximate duplication times (in minutes) are given below.

Title	Kind	Time
@SystemErrors	Text	1
CCOS	System	10
Common	Shared	16
Executive	Run	3
GRiDFileConvert	Run	6
GRiDManager	Run	6
Modem	Device	2
PhoneLink	Device	1
Screen.Init	ScreenImage	1

NOTE: Getting these files from GRiD Central will take approximately one hour of continuous phone use. Do NOT quit part way through; your system requires all of these files.

WARNING: If for any reason, a failure should occur during transmission, do NOT turn the computer off. Instead, press CODE-ESC, and re-dial GRiD Central.

II-C. Erasing 2.0.0 Files

You must now erase some of the old 2.0.0 files from bubble that are no longer needed in the system and which may interfere with system operation. Using the Erase (CODE-E) command of the Navigator Interface, erase the following files from bubble:

Title	Kind	Subkind
-----	----	-----
Activate	Run	Device

Do	Run	Com
NavigatorInterface	Run	
System.Init	Com	

II-D. Booting into Version 3.0.0 Software

Now turn the Compass off and then on again. When the start up process is complete, the screen displays the 3.0.0 file form (instead of the subjects menu of 2.0.0). Your screen should resemble Figure 1 of this document.

If you do not see this screen or if your system fails to start up, call the GRiD Customer Support Center at (415) 961-4743. If you bought your system from a computer store, contact the store for assistance.

II-E. Changing GRiDManager's Kind

Because some of the system's communication protocols have changed, you must rename GRiDManager's Kind from "Run" to "Run Sign-on" after you have downloaded it from GRiD Central. Follow the steps below to rename the GRiDManager's kind.

The File form should be displayed on the screen with the Device set to Bubble Memory and the Subject to Programs.

HOW TO RENAME GRiDManager'S KIND

1. Press RETURN once to move the outline to Title.
2. Press DownArrow until the outline surrounds "GRiDManager" and confirm.
3. When the GRiDManager menu appears, press CODE-M.
4. Fill in the source form, giving the current device, subject, title and kind as shown below; then confirm.

Device	Bubble Memory
Subject	Programs
Title	GRiDManager
Kind	Run

5. Fill in the destination form the same way, except you should use the CODE-BACKSPACE to erase "Run". Then type "Run Sign-on" (don't type the quotation marks). The destination form should contain the following:

Device	Bubble Memory
--------	---------------

Subject Programs
Title GRiDManager
Kind Run Sign-on

6. Confirm the destination form. Press RightArrow to disable verification and confirm.
7. When the message "Number of files moved: 1" is displayed, press ESC to display the GRiDManager menu.

II-F. Getting Additional Software From GRiD Central

To get additional application software, such as GRiDWrite, GRiDTerm, etc., from GRiD Central, you must first sign on to GRiD Central via the GRiDManager and then use the Duplicate Command of GRiDManager to download the software.

Some of the items on the Sign-on form are different than they were with version 2.0.0 software. Refer to Appendix B of this document for a detailed description of the steps to follow to fill in the form.

II-G. Modifying Old Files for Use with 3.0.0 Software

Once you have transferred all the 3.0.0 software, there are some files that will have to be modified before you can use them with the new software. Also, the first time you read in any 2.0.0 created data files it will take longer than normal due to the 3.0.0 changes made in the file format. This is normal. Once you have modified some character in the file and saved the file, the length of time to read in that file will return to normal.

1. You will have to alter the Options form for any GRiDReformat files.
2. You must convert your database files by running the GRiDFileConvert program as described in Appendix C.

III. UPGRADE FOR USERS WITH A 2102 PORTABLE FLOPPY

Before upgrading to 3.0.0 you must have the 3.0.0 Upgrade diskette. The list that follows gives an overview of the basic update procedures. Following the overview, we present each procedure in a step-by-step fashion. Here is a summary of the steps you will perform to complete the upgrade. Read this summary for an overview and then proceed to the detailed steps that follow to upgrade your system.

- A. Move any of your own programs or data files you have created that are under the Programs subject to another subject.
- B. Boot up your system with 3.0.0 startup software from the Upgrade diskette. This causes your computer to run 3.0.0 software.
- C. Erase programs on bubble.
- D. Load the files from the 3.0.0 Upgrade diskette into bubble and reboot system from bubble.
- E. Format extra diskettes using the Initialize Media program and load these diskettes with the new 3.0.0 software you need from GRiD Central.
- F. Modify your files. Convert any database files with the GRiDFileConvert program.

III-A. Moving Files Out of the Programs Subject

Part of the upgrade procedure requires that you erase all of the 2.0.0 programs from the subject Programs on bubble. This ensures that there will not be conflicts between the new 3.0.0 programs and old versions. Therefore, if you have any programs you have created or any data files under the Programs Subject, move them to another subject using the CODE-M command. It may be necessary to erase some little-used files or to back them up to GRiD Central to ensure that you have enough room in bubble for the new 3.0.0 software.

III-B. Starting Up in 3.0.0 Software

After moving your own files out of the subject Programs, you can now start running the 3.0.0 software on your system. Here are the steps: (Note: This procedure assumes that you have hooked up the 2102 Portable Diskette Drive and set its GPIB address switches to '6'. Refer to the 2102 Owner's Manual for instructions)

1. Put the 3.0.0 Upgrade diskette in your floppy drive. If your Compass is on, turn it off.

2. Hold down the "F" key and turn the Compass on. Continue to hold down the key until you see the In-use light on the floppy drive flashing.
3. When the new system has finished loading itself, you will see the new version 3.0.0 file form. See Figure 4 below.

```

Programs
-----
Device      Portable Floppy
Subject     _____
Title
Kind
Password

Select a file and confirm
Or press CODE-? for help

```

Figure 4. The New 3.0.0 File Form

Note that the device item is set to "Portable Floppy".

III-C. Erasing Programs on Bubble

All the programs must be erased from bubble. To erase the programs, you will use the Erase command of the GRiDManager program. To retrieve the GRiDManager, make sure that the File form has the Device item is set to "Portable Floppy" and the Subject item to "Programs". (Note: keystrokes used to move around forms have been changed in 3.0.0 software. Refer to the "2.0.0 TO 3.0.0 OVERVIEW" at the back of this document for a discussion of the new keystrokes.)

HOW TO RETRIEVE GRIDMANAGER

1. Press RETURN once. A list of titles appears.
2. Press DownArrow until "GRiDManager" appears as the title. NOTE: The title's kind automatically appears too -- Run Sign-on. Your screen should resemble the one shown in Figure 5.

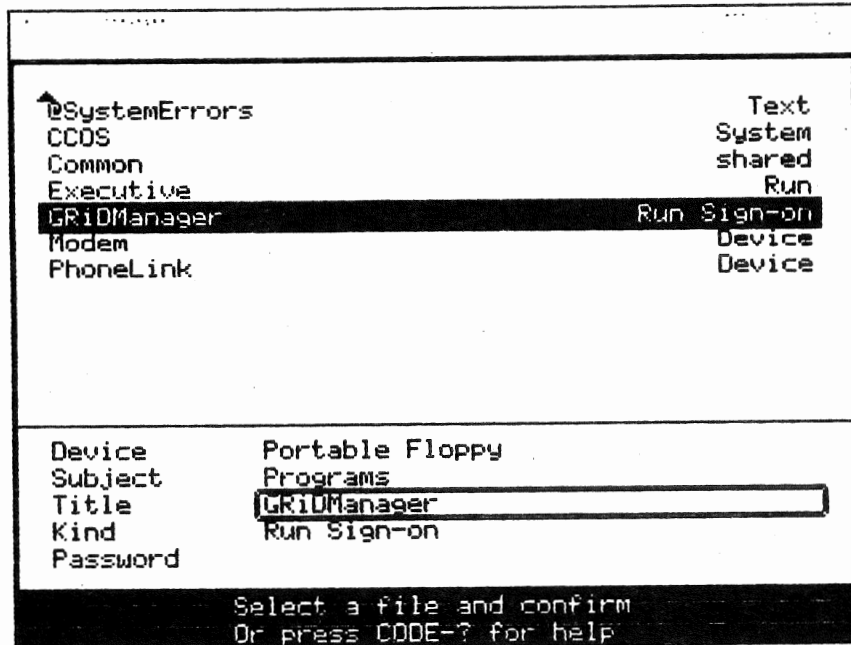


Figure 5. The File Form Ready to Retrieve GRIDManager

3. Press CODE-RETURN to confirm. The GRIDManager menu appears. See Figure 6 below.

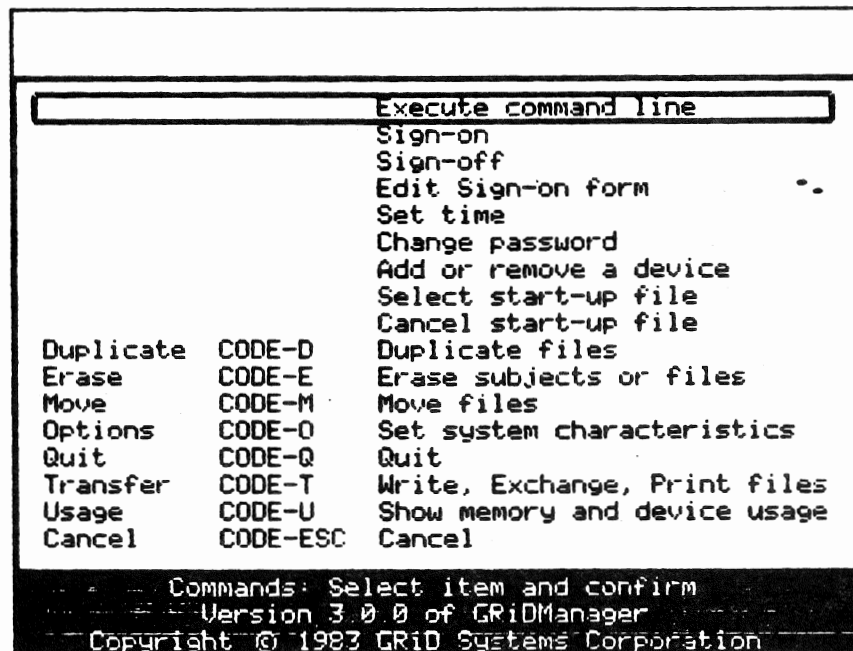


Figure 6. The GRIDManager Menu

Erase all of the files under the subject Programs from the bubble.

Make sure you've saved or moved all of your own files first.

You can use the Wildcard Character feature of the GRiDManager to erase your files. This character is used to operate on multiple files and works with the Duplicate, Erase and Move commands. For examples of using the wildcard feature of the GRiDManager to erase files, refer to Appendix A of this document.

III-D. Loading 3.0.0 Upgrade Diskette into the Bubble

You can now load the 3.0.0 Upgrade diskette into the bubble. Your 3.0.0 Upgrade diskette contains the following programs:

```
@SystemErrors
CCOS
Common
GRiDManager
Executive
Initialize Media
Modem
PhoneLink
```

The GRiDManager Duplicate command can copy all of 3.0.0 Upgrade diskette at once, if you insert CODE-W for the Title and Kind. Follow the steps below. NOTE: Do this only after backing up all your files and erasing the Programs subject.

TRANSFERRING THE CONTENTS OF 3.0.0 UPGRADE DISKETTE

1. Get into the GRiDManager Program.
2. Select the Duplicate command (CODE-D).
3. Fill in the Source File form; press RETURN leaving Portable Floppy as the Device and Programs as the Subject). The list of titles (shown above) appears.
4. Press CODE-W in the Title item.
5. Press RETURN to move the outline to the Kind item.
6. Press CODE-W.
7. Confirm this screen. The Duplicate form for a destination file appears.
8. Press UpArrow to make the Device item Bubble Memory.
9. Confirm the form. The Duplicate Verification form appears.
10. Press RightArrow to disable verification.

11. Confirm the form and the duplicating begins.

After loading the software into the bubble turn your Compass off and then on again to reboot under the new software on your bubble.

III-E. Formatting Floppy Diskettes

Before you can get additional 3.0.0 software from GRiD Central, you will need to have a supply of floppy diskettes that have already been 'formatted'. The formatting procedure prepares the diskettes for the storage of data and programs in the format or system of organization used by the GRiD system devices. To format diskettes, run the Initialize Media program as described in the Compass Computer System Reference manual.

III-F. Getting Additional 3.0.0 Software from GRiD Central

To get additional application software, such as GRiDWrite, GRiDTerm, etc., from GRiD Central, you must first sign on to GRiD Central via the GRiDManager and then use the Duplicate Command of GRiDManager to download the software to bubble or your floppy diskettes from the device called "GRiDCentral:Software Subjects 3.0.0".

Some of the items on the Sign-on form are different than they were with version 2.0.0 software. Refer to Appendix B of this document for a detailed description of the steps to follow to fill in the form.

III-F. Modifying Old Files for Use with 3.0.0 Software

Once you have transferred all the 3.0.0 software, there are some files that will have to be modified before you can use them with the new software.

1. You will have to alter the Options form for any GRiDReformat files.
2. You must convert your database files by running the GRiDFileConvert program as described in Appendix C.

Also, the first time you read in any 2.0.0 created data files it will take longer than normal due to the 3.0.0 changes made in the file format. This is normal. Once you have made any changes in the file and saved the file, the length of time to read in that file will return to normal.

VERSION 3.0.0 UPGRADE NOTES

APPENDIX A. USING GRIDMANAGER

The new GRiDManager program now lets you use wildcards (CODE-W) when specifying the files that are to be involved in any GRiDManager transaction. This character is used to transfer multiple files and works with the Duplicate, Erase and Move commands.

Using the GRiDManager Wildcards

You specify a wildcard character in the Subject, Title and/or Kind of the File form. You can specify the wildcard character either alone or with other characters. If you were to type CODE-W instead of a title, the computer would look for all titles under the current Device and Subject. Typing CODE-W displays ... on the screen. If you were to type Sales CODE-W, you would see

Sales...

Such a title would cause the computer to find all files beginning with the letters **Sales**, like

Sales East
SalesForeCasts83
sALeS in the SUNset
SALESMEN
Sales North
Sales South
Sales West

Here are a couple of examples. Example 1 copies one file from the

bubble to the floppy.

Example 1

Source File

Device Bubble Memory
Subject New Accounts
Title New England Retail
Kind Database

Destination File

Device Floppy Disk
Subject New Accounts
Title New England Retail
Kind Database

Example 2 uses wildcards in the title and kind. This tells the computer to duplicate all titles beginning with the word New and to duplicate files of all kinds: text, worksheet and graph files.

Example 2

Source File

Device Bubble Memory
Subject New Accounts
Title New...
Kind ...

Destination File

Device Floppy Disk
Subject New Accounts
Title New...
Kind ...

As a result, this example copies titles like

New Brunswick Tire Co
New Calls
Newcombe Sales Reports
New Employees

Example 3 copies all titles under New Accounts, as long as they are text files.

Example 3

Source File

Device Bubble Memory
Subject New Accounts
Title ...
Kind Text

Destination File
Device Floppy Disk
Subject New Accounts
Title ...
Kind Text

Using the GRIDManager Erase Command

You can use the GRIDManager Erase commands to erase multiple files quickly. With the GRIDManager menu displayed on the screen, proceed as follows:

HOW TO ERASE YOUR PROGRAMS

1. Press CODE-E.
2. Press SHIFT-UpArrow to select the device (for example, Bubble Memory).
3. Press RETURN to move the outline to Subject. Use the DownArrow key to select the title "Programs".
4. Press RETURN to move the outline to Title and type CODE-W. This specifies that all titles under the current device and subject are to be erased.
5. Press RETURN to move the outline to Kind and type CODE-W. This will cause all files, regardless of kind, under the current device, subject, and title to be erased. Your screen should resemble:

Device: Bubble Memory
Subject: Programs
Title: ...
Kind: ...

6. Confirm the form. The Erase Verification form appears (Figure A-1).

Erase	
Device	Hard Disk
Subject	Programs
Title	1GRIDPRINT
Kind	Run
<input checked="" type="checkbox"/> Yes No Single All	
Erase this file	<input checked="" type="checkbox"/>
Verify erase: Fill in form and confirm	

Figure A-1. The Erase Verification Form

- To check each file before the computer erases it, leave Verification set to "Yes".
- Confirm the form and the erasing will begin. The "Source" and "Destination" labels for each of the files appear as each file is located. With verification set to "Yes", you must confirm each file for erasure before it is actually erased.

When the Erase command has erased the last file, the message

Number of files erased: X

appears at the bottom of the screen. X represents the number of files erased.

Using GRIDManager to Backup Your Files

To make copies of your files, you can use the GRIDManager Duplicate command as follows.

HOW TO DUPLICATE FILES

- Press CODE-D. The source file form is displayed.
- Select the Device (for example, Bubble or Hard disk).
- Press RETURN to move the outline to Subject and select or type in the subject name.

4. Press RETURN to move the outline to Title and type CODE-W. This transfers all titles under the current device and subject.
5. Press RETURN to move the outline to Kind and type CODE-W. This causes all files, regardless of kind, under the current device, subject, and title to transfer. Your source description might be:

```
Device: Hard Disk
Subject: Subject name
Title: ...
Kind: ...
```

6. Confirm the source file form.
7. Fill in the destination file form in the same way, except you would make "Floppy Disk" the Device.
8. Confirm the destination file form. The Verification form appears.
9. If you want to check each file before the computer duplicates it, leave Verification set to Enabled. Otherwise, press RightArrow to disable verification.
10. Confirm the form and the duplication will begin. The "Source" and "Destination" labels for each of the files appear as each file move takes place.

VERSION 3.0.0 UPGRADE NOTES

APPENDIX B. SIGNING ON TO GRID CENTRAL

The Sign-on form for accessing GRiD Central with 3.0.0 software is now provided by the GRiDManager program and there have been some minor changes to the items on the form. Additionally, the interface presented to you once you have connected to GRiD Central has been enhanced so that it is easier to get to the files you need. This appendix takes you step-by-step through each item in the Sign-on form. It also describes the new GRiD Central interface you will use after you have connected to GRiD Central.

With the GRiDManager menu displayed, move the outline to the Sign-on item and confirm. The Sign-on form shown in Figure B-1 appears.

GRIDlink **Phonelink** External Phonelink

Connection type

Company
Group
User
Password

Sign-on: Fill in form and confirm

Figure B-1. The Initial Sign-on Form
HOW TO SIGN ON TO GRID CENTRAL

1. Press RETURN to move the outline to "Company".
2. Fill in the items for Company, Group, User, and Password with the appropriate words given you by your company's GRID administrator. That completes the portion of the Sign-on procedure that identifies you to GRID Central.

NOTE: The word Account has been changed to Group.

3. Confirm this form and you get a second form that gives "mechanical" information to GRID Central. Figure B-2 shows this second form.

Phone number	<input type="text"/>
Dial type	Touch-tone
Baud rate	1200
Voice before data	No
Wait for answer	30
Speaker volume	Medium
Sign-on: Fill in form and confirm	

Figure B-1. The Second Sign-on Form

Below we discuss the meaning of each item. Fill in each one as appropriate.

Phone Number

The Phone number item takes GRiD Central's number (available from your GRiD marketing representative). You should precede the number with a pre-dial wait symbol. For example:

`^9^415-555-1234`

GRiD has two pre-dial wait symbols: the caret (^) and the period. The caret lets your system wait for 15 seconds or for a dial tone; whichever comes first. The period (.) causes an unconditional one second delay. You can put multiples of these characters together. Normally, a single caret is adequate.

If you must dial a number (such as "9") to get an outside line, then precede it with a wait character as well, as in the example above.

Dial type

The choice is set for "Touch", the type used with modern, digital equipment. If you are in an area with non-digital switching equipment (such as a rural area), you may need to set

this to "Pulse", the type used with rotary dial phones.

Baud rate

This sets the speed at which you transmit data. Leave it set to 1200. GRiD Central will only communicate at 1200 baud.

Voice before data

Leave this set to "No". This option is not currently implemented in GRiDManager.

Wait for answer

The form is set to a wait of 30 seconds. You can change it to any amount of seconds. This wait is the amount of time the computer should wait for a connection **after** it finishes dialing. If the wait exceeds the specified time, the modem "times out" and disconnects. If this happens, you can either re-dial with your current wait or set a longer time.

Speaker volume

The choices are Off, Low, Medium, or High

4. When you are satisfied with the contents of the form, confirm. Dialing begins immediately. The flags in the lower left corner flicker as your computer communicates with GRiD Central.

A list of GRiD Central devices appears when you make a successful connection. These devices are discussed in the paragraphs that follow.

NOTE: If you get a busy signal, press CODE-ESC and re-dial by confirming the Sign-on form.

GRiD CENTRAL DEVICES

When you are first connected to GRiD Central, a list of the devices present at GRiD Central is displayed. The list will be similar to that shown in Figure B-3.

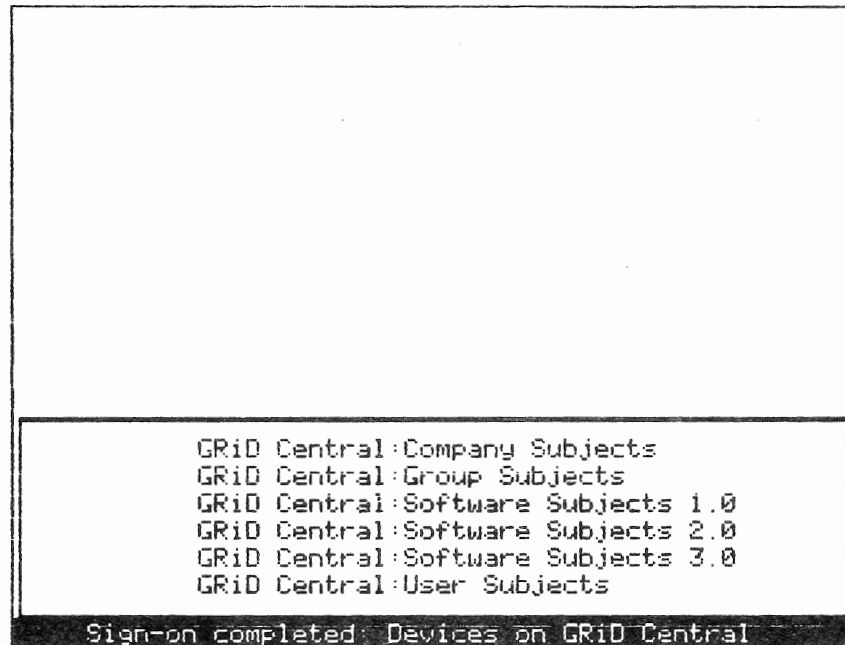


Figure B-3. GRID Central Devices

This concept is slightly different from that which you are accustomed to with local devices such as Bubble, Hard Disk and Floppy Disk. Since GRID Central offers a vast amount of storage space for programs and your files, its facilities have been subdivided into different categories of subjects. The system lets you simply treat each category of subjects as though it were a unique device. Thus, you get to your files by simply selecting the device (subject category) you need. For example, your own personal files would be located on the GRID Central device "GRID Central: User Subjects".

The screen shown in Figure B-3 is displayed only when you first connect to GRID Central. Thereafter, as soon as you initiate some activity (such as Duplicate, using GRIDManager), a screen similar that shown in Figure B-4 is displayed.

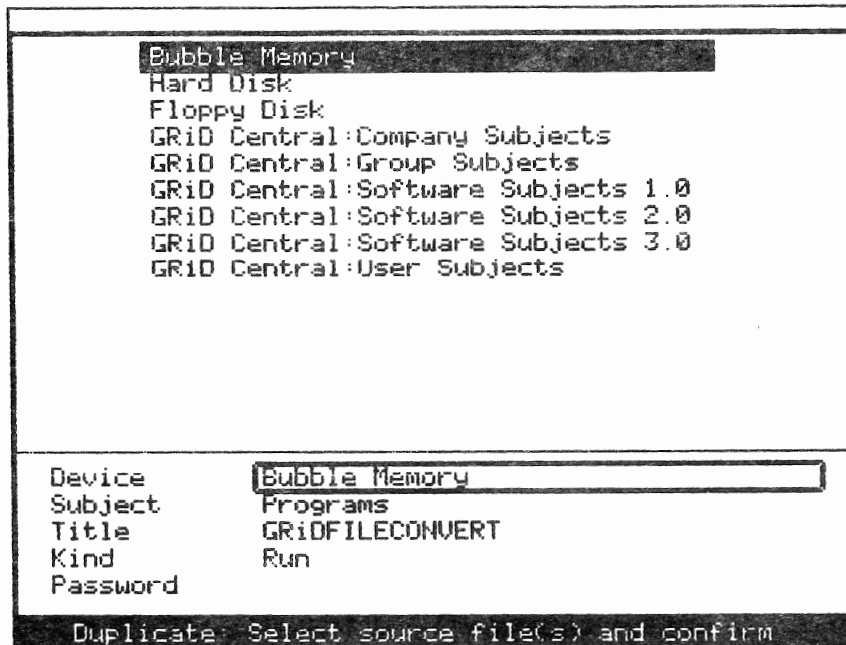


Figure B-4. GRID Central Devices Displayed with Local Devices

On this screen, you can see that you simply select one of the GRID Central devices in the same way as you would a local device such as Bubble Memory. After you select a GRID Central device, a list of the Subjects on that device is displayed in the familiar way that you are accustomed to with local devices.

VERSION 3.0.0 UPGRADE NOTES

APPENDIX C. CONVERTING DATABASE FILES

Database files created with 2.0.0 software are incompatible with 3.0.0 software. The old files must be modified using the GRiDFileConvert program before they can be used with version 3.0.0 GRiDFile.

Note: If you have backed up 2.0.0 versions of database files to GRiD Central, you can duplicate them to Bubble Memory using GRiDManager and then convert them with the GRiDFileConvert program. There is one special technique you must use, however. Each 2.0.0 database file had several files associated with each. These associated files has a 'subkind' attached to them, for example DBA, or IO1. You must ensure that these these associated files are duplicated to Bubble Memory alongwith the primary database file in order for the conversion process to be successful. To move all of the database files, use the wildcard feature of GRiDManager when specifying the Kind item on the source file form. The Kind should be Database followed by the wildcard symbol. For example,

Device GRiDCentral:User Subjects

Subject Sales Projections
Title 3rd Quarter
Kind Database...
Password

As the duplication proceeds, the verification form will display the kind and subkind of each of the associated database files.

HOW TO MODIFY GRIDFILE FILES

1. With the File form displayed on the screen, select the program title GRiDFileConvert and confirm.
2. The GRiDFileConvert form appears. See Figure C-1 below. Each item is a step in the conversion process.

```
Database to convert
-----
Device
Subject
Title
Kind

-----
Select database to convert
Convert database
Quit CODE-Q Exit
Cancel CODE-ESC Exit

Commands: Select item and confirm
Version 3.0.0 GRiDFileConvert
Copyright © 1983 GRiD Systems Corporation
```

Figure C-1. The GRiDFileConvert Form

3. Confirm the first item, "Select database to convert".
4. Fill in the form with the appropriate subject and title of the database file you want to convert. The GRiDFileConvert form automatically sets the kind to "Database".

NOTE: You will see three or more files with the same title for each database file that was created from 2.0.0 software. You can select any one of these files for the conversion.

5. Confirm the form and select the second item, "Convert database".

Immediately, a message appears at the bottom of the screen:

Convert: Confirm to start conversion

6. Confirm again. A GRiD CONVERT status message panel appears, and counts out the records and index columns as they are being converted. When the process ends, the message

Conversion completed

appears.

When you're through with GRiDFileConvert, press CODE-Q and confirm.

If an Error Occurs While Converting

During the conversion of database files there is always at least one copy of the data saved in a file, even if an error should occur. When the GRiDFileConvert program converts a database file it stores the data and properties of the old file into a new file with the same title but of the Kind "Temp".

If an error occurs and there is a file of Kind "Temp" but none of the original database files are shown, rename the temp file (by moving it with the GRiDManager CODE-M command) to a database file.

If an error occurs and there is a temp file and the original database files still exist, do the conversion procedure again.

2.0.0 TO 3.0.0 OVERVIEW

6/24/83

Systemwide Changes	In earlier versions	In version 3.0.0	For further information see "Compass Computer System Reference" manual.
The File form replaces the Subject and Title menus.	You used the Subject and Title menus to retrieve a file.	You use the File form to retrieve and to create a file.	See Introduction.
Device/Medium	We used the term "medium" for storage devices and "device" for printers and plotters.	Any input/output device is called a "device".	
CODE-N (New)	You created a file with CODE-N at the Titles level.	The need for CODE-N has been eliminated. You use the File form to create a file.	See Introduction.
Cursor Movement within a form or menu.	To move the outline to an item, you used the UpArrow and DownArrow keys. To move the outline to a choice, you pressed CTRL and one of the arrow keys.	To move the outline to the next item, press RETURN. Press SHIFT-UpArrow to move back an item. To move the outline to a choice, use one of the arrow keys.	See Introduction.
The Transfer Menu "Erase a file" "Examine file characteristics" "Print" Print Options Form	You exchanged through the Transfer menu and the Subject and Title menus. Confirming the "Print" item printed the document.	You exchange a file through the Transfer menu, which then presents a File form. Lets you erase file(s). After pressing CODE-E, the File form appears to type in names of files. Selecting this item shows a file's characteristics: the device, subject, title, kind, version, length, date created, and the date modified. Confirming "Print" presents a Print menu. This form lets you specify headings, spacing, and margins, of printed text.	See CODE-T under Common Commands.
The Commands menu	Contained CODE- keys and Command names.	A brief description of each command has been added.	See Commands-CODE-? under Common Commands.
Fonts	The 50-column font was available.	The 65- and 80-column fonts are available.	See Options-CODE-O under Common Commands.
CODE-U (Usage)	You used CODE-U to activate a new medium at the Subjects level and to get memory usage information from within a file.	You activate a device through the File form. CODE-U gives you memory and device usage information.	See Introduction.
Moving to another cell.		Pressing the RETURN key takes you to the left-most column of the next row. Pressing the TAB key takes you to the next column.	

Systemwide Changes	In earlier versions	In version 3.0.0	For further information see "Compass Computer System Reference" manual.
CODE-A (Access)		This command lets you make and receive phone calls from an application.	See Access-CODE-A under Common Commands.
Interchanging files.		Files can be interchanged among GRIDPLOT, GRIDPLAN and GRIDFILE without having to change the properties.	
Flickering flags		Flags only flicker when accessing bubble memory.	

Changes specific to GRIDFILE	In earlier versions	In version 3.0.0	For further information see "Compass Computer System Reference" manual.
Compressing the database.	You were prompted when exiting GRIDFILE.	"Compress" is a new item on the Commands menu (CODE-?).	
CODE-D (Duplicate)		You can duplicate characters, cells, columns or rows.	See Duplicate-CODE-D in GRIDFILE section.
CODE-F (Find)		You can use wildcards to find partial matches. Also, you can type in a condition that is longer than one line.	See Find-CODE-F in GRIDFILE section.
CODE-M (Move)		You can move the contents of cells, columns or rows.	See Move-CODE-M in GRIDFILE section.
CODE-S (Substitute)		You can substitute contents of a cell or group of cells.	See Substitute-CODE-S in GRIDFILE section.
Appending results to another file.		The Transfer command now lets you append query results to another file of any kind.	See Transfer-CODE-T under Common Commands.
Report form	You could specify one column for subsorting.	You can specify up to six columns for subsorting.	See Report-CODE-? in GRIDFILE section.
GRIDFILECONVERT		Converts previously created database files to the format needed by 3.0.0. GRIDFILE.	See GRIDFILE Convert in GRIDFILE section.
GRIDFILEREPAIR		Lets you repair or restore damaged database files.	See GRIDFILE Repair in GRIDFILE section.

Changes specific to GRiDPLOT	In earlier versions	In version 3.0.0	For further information see "Compass Computer System Reference" manual.
Printing screen graphs.		You can print screen graphs either directly from GRiDPLOT or by storing the screen graph in a screen image file, and then printing it.	See Transfer-CODE-T in GRiDPLOT section.
Transferring files from other applications.		Any row or column whose definition was Don't Graph is automatically changed to Numbers when you type data into it.	
Creating new GRiDPLOT files.		Rows and columns are set to Numbers.	
Graphing data.	There were 4 types of graphs.	There are two new types of graphs - the Scatter Graph and Hi-Lo-Close Graph.	See GRiDPLOT section.
Properties of cells	You assigned properties to one or more rows or columns.	You can also set the property of a single cell.	See Properties-CODE-P in GRiDPLOT section.
Graphing bar graphs.		You can graph bar graphs horizontally.	See Options-CODE-O in GRiDPLOT section.
Graphing points on a line graph.	Cells containing non-numbers were graphed as 0.0.	Cells containing non-numbers cause breaks in the line.	
Displaying a right-axis scale for clustered graphs.	You could use only the left axis to display a scale.	You can use both the left and right axes to display a scale.	See Axis Selection-CODE-? in GRiDPLOT section.

Changes specific to GRIDPLAN	In earlier versions	Version 3.0.0	For further information see "Compass Computer System Reference" manual.
Definition area	One line was provided.	Expands automatically when definitions are long.	
Duplicating cell contents and definitions.	Choice band selections were "fixed" and "relative".	New selections added are "all fixed" and "all relative".	
IF/THEN/ELSE: conditional expression for cell definition.		Conditional expressions allowed in definitions.	See Cell Definition-CODE= in GRIDPLAN section.
Pointing to cells in definition.	You used CTRL-Arrow.	You begin with "CODE=", then move to the cell with arrows.	See Cell Definition-CODE= in GRIDPLAN section.
New built-in functions		Now available in definitions: o Search function o Internal Rate of Return Function (IRR) o Modified Internal Rate of Return Function (MIRR)	See Built-In Functions in GRIDPLAN section.
CODE-V (Views)		Allows you to see different portions of worksheet at the same time.	
CODE-H (Headings)		Lets you lock rows or columns in place on screen.	

Changes specific to GRIDWRITE	In earlier versions	In version 3.0.0	For further information see "Compass Computer System Reference" manual.
Automatic Indent		This command now works with tabs.	See Options-CODE-O in GRIDWRITE section.