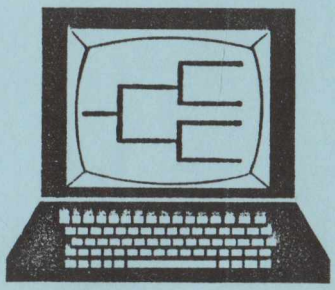
JENNY II
THE GENEALOGIST



Your Computerized Genealogy
Tracking System
for the Commodore 64 Computer

Distributed by
Basic Fundamentals Co.
Salt Lake City, Utah

A Significant Improvement
In Genealogy Software

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Table of Contents

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INTRODUCTION

Jenny the Genealogist is a package of eight programs on one diskette. The programs are:

1. JENNY- this program maintains the genealogy database. Acting as the record-keeper, it allows you to add, delete, modify and establish relationships between records (e.g. father, mother, spouse, etc.)

2. PEDIGREE- this program allows you to search the data-base via the links established by the JENNY program and print pedigree charts and family group sheets for any individual who has a record in the data-base.

3. PEDIGRAPH - this is the same as the PEDIGREE program except it is for printers or adapters which support C-64 graphics. The graphics make the printouts look better.

4. FORMAT- this program is used to create a data-base disk. You must create a data-base disk before you can use the other programs. It erases any data on the disk in the drive when the program is run. Note, make certain you remove the program

disk after you load this program, before you run it as it may erase your program disk. Then after formatting your data disk the program formats an empty data-base, that is one in which all records are available for storage of new records. See the section on how to use the FORMAT program for more information.

5. GSEARCH - This program is a general search program which allows you to search for records containing specific data in the data fields.

6. MENU - this is a menu driver for the other programs, you load and run this program first then it will load the other programs for you as you request them.

7. N-INDEX - This program prints an index of all names on the disk with their record numbers, in numeric order. (Not the most useful way but very quick.)

8. A-INDEX - This program prints all names on the disk and their record numbers, sorted in alphabetical order. (More useful than N-INDEX but somewhat slower.)

By properly using these programs you can easily store,

retrieve and print all of your genealogy information.

GETTING STARTED

First you must load the MENU program. This also loads some machine code routines used by the other programs. They will not run properly without them. To load the menu, place the program disk in the disk drive and type 'LOAD "MENU",8' and press return. When the computer responds with READY, type RUN and press return. A menu of programs will be displayed along with a reminder that the program disk must be in the disk drive when the menu is being used. Note: if you forget to place the program disk in the drive and an error occurs, you will see the message "LOAD ERROR", this message will dissappear in a few seconds, then you may verify that the correct disk is in the drive and try again. If you ever have an error because you forgot to place the data disk in the drive, simply press run/stop and restore at the same time to reset the computer, then place the data disk in the drive and type "RUN" and press return.

If this is the very first time you have used the package you will need to format a data disk. You only have to do this on the first time or if your data disk gets full. To format a data disk select the format program on the menu. A warning will be displayed. REMOVE the program disk from the drive and place a blank disk in the drive. Then press return. The disk will then be formatted and the empty data files will be formatted on the disk. The program runs for about 18 minutes. When it is complete it will automatically return to the menu. You now are ready to start adding records of people to your

data-base. To do this select the JENNY program and follow the instructions given in the section on how to use the JENNY program.

THE JENNY PROGRAM

To use the JENNY program first select it from the menu. The computer will then load and run the program. When the program is activated the computer will display the program's copyright screen and will ask you to place the data-base disk in drive B. (If you only have one disk drive, it will be drive B.) At this point, not before, you may remove the program disk and insert the data-base disk in drive.

Now we can go to work. After you have placed the data-base disk in the drive press return. The computer will ask you to enter the name of the person whose record you would like to start with. Enter the name first name first, seperate first, middle and last names with spaces. In other words enter the name as it is spoken. The following are examples of the correct way to enter names:

JOHN HENRY
JANE ANNE DOE
DAVID MICHAEL SMITH JR.

After entering the name you will be asked for a birthday. All dates in this system MUST be nine characters long, but no other checking is done, so be carefull. The date should then be entered in form: 02SEP1976 for example.

NOTE: the name and birthday in this system are known as "keys" to the record. That is they are used to determine where to store the record on the disk and where to find it

again after it is stored. You must be very careful then to type them correctly and always use exactly the same form. Example: if you enter a name as "JUNIOR", you will not find it later using "JR.". Note also the only way to correct the name and birthday of the person is to delete and then re-add the record. (See the functions.)

After the name and birthday are entered, the computer will search the data-base to see if the record exists. If it does, the record will be displayed. If not, RECORD NOT FOUND will be displayed and you will be asked if you want to add this record. Verify that you have entered the name and birthday correctly. If so, you may add the record by typing "Y" and press return.

You will then be asked to enter other information for the record. If the requested information is available then just type it in as the computer asks for it. If it is not available, just press return in response to the prompt. Note: These fields can be changed later if you make a mistake. After the information is entered, the record will be displayed for your inspection.

USING THE FUNCTIONS

Along with the display you will also see a menu of options, which you may now use. The menu looks like this:

F1 - Add/Search for record.

F2 - Modify current record.

F3 - Link to a relative.
F4 - Search for a relative.
F5 - Re-print screen.
F6 - Delete the current record.
F7 - Delink the current record.
F8 - Terminate session.

The function keys F1 - F8 are the four keys at the far right of the keyboard. The odd numbers, F1,F3,F5 and F7 are obtained just by pushing the appropriately marked key. To get the even numbered functions, F2,F4,F6 and F8, hold down the shift key and push the appropriately marked key. For example: to use F1 just push the key marked F1 on top and F2 on the front. To get F2, hold down the shift key and push the same key (the one marked F1 on top and F2 on the front).

How to use the different functions:

F1-Search for/add a new record. This function will take you through the same process described in the section on getting started. You may display other records that already exist or create new ones.

F2-Modify the current record. All informationn on the display (except name and birthday) can be modified. If you need to modify the name or birthday, see F6.

When you press F2 the display will show a secondary menu. This menu lists the number and names of each field. This is a two page menu. If you press "↑" instead of a field

number, you will get the second page. At this point enter the number (or letter on the second menu) of the field you would like to modify. You will then be asked to enter the new value for the field. Type in the new value then press "return". The field will be changed on the disk and the screen will be refreshed showing the new value. Also the main menu will be re-displayed. NOTE: you should always delink a record before the sex field as some links are dependent on that field.

F3-Link to a relative. This function allows you to link relatives within your data-base. The computer recognizes three basic relationships, spouse, parent and child.

You will be asked whether you want to link to a spouse, a parent, or a child. Note: These links must be established before the report program can generate Family Group Sheets and Pedigree Charts correctly.

Enter the number for the type of relationship you want to establish. If the current record is the child in the relationship you want to establish and you are linking it to a parent, enter a "2" for the link to parent. Note: in order for family groups to be correct, you should link children to parents with the oldest child first and so on. There is however an option if you are linking a child to parent to insert the child the correct position in the list.

After you enter the type of relation you will be asked for the name and birthday of the person to whom you are linking the current record. You must enter it exactly as it was entered when the record was created. If the record is not found, the computer will tell you, and then return to the

main menu. If it is found the link will be established. Note if you make a mistake and link two records incorrectly, see F7.

If you selected the link to parent option you will be asked two extra questions. The first is whether to add the child at the end of the chain or insert into the chain. If you select add to the end, the current record will become the last child in the list. If you select the insert option you will be asked what at what position the record should placed. If possible the record will be inserted at the position specified.

F4-Search for a relative. After links have been established, this function may be used to move quickly from one record to another without having to enter the name and birthday. You simply start with some known record and use this function to move to any relative linked to the current record. You will be asked to enter a number for the type of relative- 1. for a spouse, 2. for a parent, and 3. for children of the current record. Where it is applicable, (such as children) you will be given a list of qualifying relatives to choose from. The relatives record will then be displayed along with the menu.

F5-Reprint the screen. This function is useful because the program cannot always keep BASIC from messing up the screen display. If this happens just press F5 and the screen will be refreshed.

F6-Delete the current record. If you have made a mistake in a non-modifiable field (i.e. name or birthday) the only

way to correct the problem is to delete the offending record and re-enter it. This function allows you to delete the record currently on the display, if you enter this function, the computer will ask if you really want to delete the record. If you answer "Y" the record will be completely erased and all related records will be de-linked.

F7 - Delink a record. If you have accidentally linked a record to the wrong person you can delink the record with this function. NOTE please that all linkages for the current record are "undone" when you use this function.

F8-Terminate session. Certain statistics are kept by this program as to how many records are used and how many are left in the data-base. These statistics are updated when you terminate the program using the F8 function. If you terminate the program any other way, the statistics will be incorrect. This also insures all files are properly closed and intact before the program exits. The computer will return to the menu when done. You can then either quit or request a new program.

PRINTING REPORTS

Now you know the basics on how to maintain your genealogy data-base using "Jenny". At this point you are ready to learn how to print the information in pedigree charts and family group sheets. Note: if you don't have a printer, the information for the reports will go to your monitor. But it will be a much more difficult to follow.

To do this, select the "Pedigree" program or "Pedigraph" if you have C-64 graphics, from the menu.

First the program copyright screen will be displayed and you will be instructed to place the data-base disk in the disk drive. When this is done press "return". You will then be asked if you have a printer. If you answer "N" the information for the reports will be printed on the monitor. If you answer "Y", it will be printed on the printer. If you answer "Y" and you don't have a printer the program will crash.

After that question is answered, If you said "Y" you will be asked for the name of the person preparing the sheets, and your address. Then you will be asked for the name and birthday of a person whom you want to start with. This should be entered exactly as it was in the "Jenny" program. If the record is not in the system a message will be displayed and a new name requested. If the name is found, an abbreviated pedigree chart will be displayed on the monitor. A menu is also displayed as follows:

PRINTING REPORTS

N=new chart, G=family group, P=print.
Enter the desired function?

The person at the far left of the chart is considered the current record. The "NEW" function asks you to enter the number (found by the persons name) of some person for whom you want a new chart displayed. You may move the chart toward the ancestors by entering the number of the ancestor from the display. To move to the children of the current person enter G for the family group. An abreviated family group will be displayed for the "root" person showing their children. A new menu is also displayed:

N=new chart, P=print.

As before the "N" function allows you to enter a number for a new pedigree chart. The "p" option will always print an expanded version of whatever is on the screen. If you have a printer the data will be printed when you enter the "p" function.

THE FORMAT PROGRAM

The "FORMAT" program is used to create a new data-base disk. To start, load the program by placing the program disk in the drive, then select the FORMAT progam from the menu. The computer will load and run the program. The computer will display a WARNING that it will erase all data on the disk when you press return. YOU MUST REMOVE THE PROGRAM DISK NOW or it will be erased. Now place a blank, or scratch disk in the drive. This disk will become a data-base disk. When the blank disk is in the drive, press return. The program will format the disk and create two files and format 600 blank records in the data-base. This program runs for about 18 minutes.

THE GSEARCH PROGRAM

The GSEARCH program is a general search utility. It allows the user to search for and display or print records with specific data in their fields. For example -you can search for everyone with birthdays in April (this is my favorite, I forget birthdays.), or you could search for everyone born in England, etc.

To use GSEARCH first select it from the program menu. The computer will load and run the program. First it will display a copyright screen and ask you to replace the data-disk in the disk drive. When you are done press return.

The computer will then display a list of fields and their numbers and prompt you for the number of the field for which you check the contents. After you enter the number you will be asked to enter the value for which you want to search. Then you will be asked if want a partial match or an exact match. If you say partial then the value you entered only has to be part of the field to match. For example APR will match 21APR1954 in a partial match. If you ask for an exact match then the field must match the whole field exactly. Last you will be asked if you want to match on equal or not equal. Equal means just that, if you find an equal match, that record will be added to the list of matches. If you select not equal the records will be selected

if they don't match. This allows you to do strange things like search for everyone not born in April or not born in England.

You will now be asked to enter value for a second search field. That is you can search on two fields at the same time. If you only want to search on one field then just press return and the search will start. The questions for the second field are the same as for the first.

If you specify a second field then you will be asked if both fields must match or if either may match. That is you can ask for people born in April or May, or you can ask for people born in April with a blank death date. The first case is an either may match, the second case is a both must match.

After you have answered all the questions the program will start searching. After the search is complete, you will see a menu asking you if you want to do another search, display what was found or print what was found. (Display goes to your monitor.) Select the option you want. When the computer is done you will be asked again. This process continues until you choose to exit the program.

THE INDEX PROGRAMS

There are two index programs in the package. The first, N-INDEX is used to print out all records on a data disk in order of their record numbers. This is not the most useful way to index, but it is fairly fast.

The second program A-INDEX is used to print all records on a disk in alphabetical order. This is much more useful than the numeric program but is it takes longer to run.

The record numbers printed on these reports may be used in conjunction with the pedigree and pedigraph programs where they ask for record numbers.

THE CONVERT PROGRAM

This program is a stand alone utitity for people who owned the old version of JENNY. It is used to convert data disks formated by the old JENNY package to the format used by the new version of JENNY. This version of JENNY will not work with old version data disks unless you use this program and convert it to the new format. New data disks will not work under any circumstances with the old programs.

BEFORE YOU USE THIS PROGRAM MAKE A BACKUP COPY OF YOUR DATA DISK. Any copy utitity should work. If there should be an accidental turning off of power or any interruption to the program before processing is finished your data disk will become unrecoverably corrupted and neither program will work. Please, back up your data disks before using this program.

To use this program simple load it using 'LOAD "CONVERT",8', then type RUN and press return. When you are asked to place the data disk in the drive and press return. The program will then start the conversion process and continue until done. This takes a while, so you can take a break for a while and relax.

PITFALLS AND TIPS

1. Before taking the data-base disk out of the drive after using the "JENNY" program always use the F8 function to terminate the session.

2. Before re-running the "JENNY" program always re-insert the program disc. There are files on the program disk needed for initializing the "JENNY" program when it first runs.

3. Make sure you enter dates as nine characters with no spaces. Example: 02SEP1984 is a correct format.

4. You can enter birthdays as 01unk0000 if they are unknown. (for compatability with the earlier versions 00unk0000 will be accepted but it is STRONGLY discouraged as it fouls up the record storage system.) Please use 01unk0000 if the birthday is unknown. Note also that if you find the birthday you will have to delete the record to correct it.