

iFileUtility for IBM i

iFileUtility



Version 2

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Introduction

iFileUtility is a database file utility which will allow you to access native database files on the IBM i system (Power system running IBM i/i5/iSeries/AS400).

You can view the fields in a file in both single record mode or spreadsheet mode. You can copy, delete, display, print, change or add records. You can even copy certain records from one file to another. You also can view the file layouts, the database relations and the keys fields.

There are three levels of security. The broadest implementation of iFileUtility allows anyone to use the system. Optionally, you can specify certain users so that they cannot make file changes. You can also optionally set iFileUtility to only work for registered user profiles. This last option locks out all users except those you specifically want to grant access to the system.

iFileUtility can be started in three different modes. The basic mode starts from a file contents browse. Alternative commands are available that will first show a file and all of its related files (a “tree” view) and a view that will first locate all files that meet a selection criteria.

Note: iFileUtility was previously known as Quick File Utility/400, or QFU/400.

Installation

iFileUtility can be ordered directly on CD or you can download the package via the Internet. The following installation section of this manual covers both installation methods.

Install From CD

The following procedure is used for both new installations and for update installations when you order your software from Kisco Information Systems and you receive the software on CD. To install iFileUtility, follow these easy instructions:

1. Sign on using the QSECOFR id.
2. Place the installation CD in your system and key the following command:

LODRUN DEV(xxxx)

where xxxx is the name of your CD drive (normally, OPT01).

3. During installation, iFileUtility does the following:
 - Checks to see if this is a new install or an update install.
 - For update installs, the old library is saved in library IFULIBOLD and history information is transferred to the newly installed library.
 - For new installs, the software is initialized for the free 30 days trial period.
 - Additional documentation is printed which covers topics that have been added or changed since the user documentation manual was last printed.
4. When the command finishes, iFileUtility will be ready for use.

During step 3, documentation for additional topics will be printed. This includes topics and features that are not covered in this manual, normally because new features or capabilities have been added since the last printing of the manual. Before using iFileUtility, please review all documentation in detail.

If this is a new trial install, remember that the software will only operate on your system for about 30 days. When you decide to keep iFileUtility, you must send your payment to Kisco Information Systems. At that time, KIS must know the full serial number for your system. If you are not sure of your serial number, you can display it by using the following command:

DSPSYSVAL QSRLNBR

When KIS receives your payment and serial number, they will issue a password to you. This password, when applied, will certify your copy of iFileUtility and will permanently activate the software on your system. The password and certification instructions will be provided in writing

(by E-mail, fax or by mail).

Please review the section later in this manual which covers the INSTALL menu for additional installation specifics.

Install From The Internet

To install iFileUtility from the Internet, just go to the following download page at the website:

<http://www.kisco.com/ifu/ifudload.htm>

From this page, you can download the software and documentation. It also provides a step-by-step set of instructions for installing the software. We recommend that you print this page and use it as a check list for completing the installation on your system.

Master Menu

You can display the MASTER menu in iFileUtility by keying the following command from your command line:

GO IFULIB/MASTER

The following is a view of this menu:

```

MASTER                                MASTER Menu

      iFileUtility for IBM i - Main Menu                                Command

1.  View File with field names                                VIEW
2.  View File Tree                                          VIEWT
3.  Where-is File                                           VIEWW

10. To INSTALL Menu

                                           (c) 1997-2013 Kisco Information Systems

Selection or command
====> _____
_____

```

The three ways to run iFileUtility are all available from this menu. At the right, on each menu line, is the IBM i command that can also be used from any command line. To access any command, type the command in the following format:

IFULIB/command

You can then press the F4 key to prompt for the command parameters.

The following manual section describes these three commands in detail.

View File with field names

When you select menu option #1 or prompt the VIEW command, the following command parameter screen will be displayed:

```

                                iFileUtility View (VIEW)

Type choices, press Enter.

File Name . . . . . _____ Name
  Library Name . . . . . *LIBL Name, *LIBL
Start Screen . . . . . FIL      FIL, FLD
Access Mode . . . . . KEY      KEY, RRN
Member Name . . . . . *FIRST      Character value
External Override . . . . . _____ Name
  Library Name . . . . . *LIBL Name, *LIBL

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys

```

Fill in the parameters as follows:

<u>Parameter Name</u>	<u>Definition</u>
FILE	Enter the name of the file you want to work with along with the library where the file is located.
GOTO	Choose one of the following values: FIL Show field names for column headings FLD Show field descriptions for column headings
ACCESS	Choose one of the following values: KEY Access records in the file based on the file index key RRN Access records in the file based on the relative record number within the file
MEMBER	Enter the member name you want to work with. If there is a single member in the file or if you just want the first member in the file, use the default value of '*FIRST'.
EXTFILE	If your file is not externally described, you can tell iFileUtility to use the description from a different file when working with the file named in the FILE parameter. Enter the name of the file which contains the

layout description that you want to use in this parameter along with the name of the library where it is located.

File Browse Display

After filling in all parameters, press ENTER. iFileUtility will then access the layout of the file and build your file browse screen. When all information has been accessed, the main display screen will appear as follows:

File: <u>CUSTI1LF</u>	Library: <u>RLIBR</u>	Member: <u>CUSTI1LF</u>	Length:	479			
CUSTINFO by Char Cust number			Records:	51			
Window No: <u>1</u>	Window Fld: _____	Format: <u>CUSTFT</u>	File Size:	*LF			
Key Value: <u>021360036</u>							
2=Change 3=Copy 4=Delete 5=Display 6=Print 8=DSPPFM (Hex) 9=Copy to File							
RRN	CSTCCI	CSTPCI	CACTCI	STYPCI	JBCDCI	FNAMCI	LNAMCI
1	021360036	21360036	0	1		H MARIE	KINSEY
2	021360038	21360038	0	1		CATHY	MACKENZIE
3	021360039	21360039	0	13		MARGE	INNESS
4	021360040	21360040	0	1		RITA A	BRAZELL
5	021360043	21360043	A	15		F.	DADDARIOI
6	021360044	21360044	0	13		BELA	KASAS
7	021360047	21360047	0	15		CHERYL	SZYMANSKI
8	021360048	21360048	0	1		CRAIG	LANKHORST
9	021360051	21360051	0	2		DEBORAH	SERCOMBA
10	021360052	21360052	A	1		SALLY	KELLY
11	021360055	21360055	0	15		CHERYL	SZYMANSKI
12	021360056	21360056	0	2		JOAN	CREEDON
13	021360059	21360059	A	2			
14	021360060	21360060	0	3		JOHN	BARNES
15	021360063	21360063	A	2		JEANNE	PERRIN
F2=File F3=Exit F4=Single F5=Layouts F6=Add F7=Toggle F8=DFU F9=Tree F10=Full							
F11=Keys F13=Cmnds F16=Find F17=Replace F19/20=Window F21=Cmd F22=Whereis							

This will now display the main iFileUtility file browse screen.

Once you view a database file, you have many different options and command keys to press. Here is an explanation of the functions and fields on this main screen.

At the top:

The file name, library and format are displayed. The length of the file, the number of records (only active), and the file size is also displayed. If you are viewing a logical file, instead of the file size, you will see “*LF” indicating this is a logical file which is not the actual size of the data. Logical files only contain pointers, not the data itself.

Window No. and Window Fld:

You can enter the field number or the field name to immediately position the spreadsheet view to that field.

Key Value/RRN:

If the file is currently viewed in key order, you can enter all or some of the contents of the key and press enter. This will position the database file on or to the closest key in the spreadsheet view. Pressing the F11 key will break apart each key field if needed. If the file is currently viewed in relative record number order, enter a relative record number to position the database file to. If you enter all nine's, the database will be positioned at the last record.

Options:

Next to one or more of the records, you can enter a numbered option. The valid options you can choose are:

<u>Option</u>	<u>Action Description</u>
2	Allows you to change (update) the selected record.
3	Allows you to create a copy of the current record to be added to the file. The record_to be added will be displayed allowing you to make changes before it is actually added to the file.
4	Allows you to delete the selected record.
6	Prints the contents of the selected record to a printer.
8	Displays the file starting at the selected record in HEX mode.
9	Allows you to copy selected records to another file (provided that the destination file is compatible with the displayed file and is at the same file level).

In addition to the record level options, the following command key functions are also available from the main file view display.

<u>F-Key</u>	<u>Description</u>
F2	Previous views - a listing of the last five files you have opened from the command line.
F3	Exit iFileUtility
F4	Toggles between Spreadsheet mode and single record mode.
F5	Display file layouts.
F6	Add a new record to the file if externalized.
F7	Toggles between showing field names and field descriptions as column headings.
F8	Access DFU for file updates in place of using options 2 or 4.
F9	Displays the database tree (or database relations)
F10	Removes command key information and option information to display several more records on the screen or to put these functions back on the screen.
F11	Break apart keys to set database pointer. Valid only when viewing keyed files.
F12	Exit iFileUtility
F13	Access IBM i commands related to the file.

F15	Find Next
F16	Position the file to a certain record. Access to SQL or Query Manager.
F17	Search/Replace function. Write small search and replace programs. An RPG compiler is needed for this function.
F19	Window left one field at a time.
F20	Window right one field at a time.
F21	Display an IBM i command line.
F22	Access the “where-is” function. (Find an object)

Previous Views

By pressing F2, a window will appear listing the 5 previous files you have viewed from the command line. Select one of them with option 1 and press enter, or press F12 to return back to view the current file. If the file is viewed more than one time, it will not be duplicated in the list.

Alternate View

When displaying the database in spreadsheet mode, you can press the page-up or page-down keys to scroll through the database. When you press the F4 key, the complete current record will display. You can use the page-up and page-down keys to scroll through all the fields in the record. If you want to go directly to the next record without having to page down through all the fields, you can press the enter key when in single mode. If you hit the page up key at the top of a record, you will go to the previous record.

File Layouts

When you press F5, a list of all the fields in the data file will appear. You can select only certain fields to view by placing a one in front of each field. You can remove the field from the current view by placing a 4 in front of the field. You cannot, however, remove the first field from the database. When you remove the field from the file layout screen, it is only temporary until you open the file again.

You can also select the sequence in which the fields appear on the screen by renumbering under the “Seq” field and pressing enter. If you wish for the key fields to appear at the top of the list, you can also press F11 which will float all key fields, in order, to the top of the file layouts list.

External Program Calls

You can choose to call a program when displaying the contents of a field in single mode for more information. An example of this is to display a table value next to the field such as the state name next to the state value. There are two example programs in the QDDSSRC file in library VIEW. Place a 6 in front of the field you wish to add an external program call to. Next, enter the name of the program, the library and if a parameter literal if needed up to 10

characters. The program being called must receive two parameters. They are *CHAR 64 and *CHAR 10. The first parameter is the value of the field. Your program should change that value to the new value you wish to display next to the field. The second parameter is used if you wish to send up to 10 characters to the called program for whatever reason you wish.

A program called SHOWSTATE can be written with two parameters. The first parameter will only be used. The value of the field in that record will be pasted to your program, left justified. You can do whatever you wish with this value, such as writing an RPG program, looking up the value in another file and then changing this parameter with the full state name for example. iFileUtility will then display this value next to the field value when in single mode.

Printing file layouts

From the file layouts screen, press the F9 key to print the file layouts. The fields will print in the current sequence. Any fields that have been temporarily removed will not print.

Create RPG Program

When pressing F10 from the file layouts screen, both DSPF and RPG code will be generated to help you create an entry screen. If you only want certain fields to exist in your program, remove these fields (such as audit information, or last updated by fields) using option 4. You can also resequence the fields before creating the RPG program if you want the fields to appear in a certain order. The RPG program can then be modified or called from a browse subfile by sending the relative record number and the type of action such as Add, Update, or Delete. Browse the source code after it is generated and modify it as needed.

NOTE: The member IFULIB/QDDSSRC(VIEWHEAD) can be changed which is the screen header and footer used for add/change/copy function as well as create RPG program. This DSPF file can be changed using SDA but not compiled. Once you make this change, all future change programs created by iFileUtility will use these header and footer defaults. An example would be to put the name of your company at the top of the screen.

Please note that fields greater than 256 in length will not appear on add/change screens. You can press F8 to access DFU to change these records. Custom fields added to the database also will not appear in the add/change screens.

Custom Settings - Security

Press F23 from the file layouts screen to setup defaults for the current user. You can select which view mode is first when opening a file, how many records to scan before stopping and the type of scan (SQL or iFileUtility) you wish to default to. You can also select the color field names appear in spreadsheet mode. (G=Green B=Blue P=Purple R=Red W=White). The field "Can copy and delete" can only be changed by modifying the file

“IFULIB/VIEWUSER” using iFileUtility. This is for security reasons.

The file IFULIB/VIEWUSER can contain a user name “*DEFAULT” - If the file does contain this profile, all new users that start iFileUtility for the first time will adopt these defaults. If you want all new users to not have change/delete authority on files, then make sure a *DEFAULT profile exist and the “Change/Delete” field is an “N”. You can add this profile by viewing the file IFULIB/VIEWUSER and pressing F6 to add a record.

*NOTE: If you create a profile *DEFAULT and you place an X in the field “Change/Delete”, any new user who uses the view program will receive a message letting them know they are not authorized to iFileUtility and should see a supervisor.

Find/SQL

Press F16 to enter search values to find the next record in the database with a certain value. Enter the value field name, an operation code and a value. The operation codes EQ, NE, GT, GE, LT, LE and CT are value. The operation code CT, contains, will be valid if anywhere in the field the value exist such as “NAME CT ITH” will find the record “SMITH”. Once a match is found, the record will be displayed. You can press F15 to find the next occurrence.

If you are searching for text that happens to be in mixed case or lowercase, press F6 to be able to type the search value in lowercase letters. Pressing F6 again will toggle back to uppercase. If you have an SQL package installed on your IBM i, you can select Y to run SQL after you have entered the Field, Op and Value fields. The current program is set to run the command “RUNSQL”. If you wish to have iFileUtility directly access your SQL product, using the RTVCLSRC (Retrieve CL source) command, retrieve the source code to program IFULIB/VIEWSQL, modify it and recompile it keeping the same parameters. If you need a more extended search with more than one field, you can press the F5 key to access IBM’s Query manager if it is loaded on your IBM i.

Database Tree

Pressing F9 from the file display window will display the database relationship tree on the file you are currently viewing, or the file you have entered on the VIEWT command. The key fields will appear. Key fields which are in descending order are highlighted. Files attached to the physical that are in different libraries (should be a no-no!) are also highlighted. The word “*UNIQUE” will appear if the keys are a unique. The select/omit data will follow in the next lines for the logical file. You can place option 3 in front of each logical to view complete data about the select/omit attributes of the file.

Search/Replace:

The search/replace function allows you to change data in a primary file without actually writing a program. The search/replace function actually write and compiles a replace program and executes it. Since the program is actually written and compiled and executed, it

can run through database files with thousands of records faster than a standard search/replace routine. The true performance gain is when you are working with database files with over 5,000 records.

Additional features include the ability to delete the record rather than replace it, print a before and after audit record, ability to embed RPG code “snippets” in a replace program, ability to connect to a joining file using key fields and the ability to generate a program to add additional code to it later on.

You can create up to 5 search and 5 replace conditions. But, using the F15 option, you can also create up to 10 more search or replace conditions. If writing any source code lines in the embed statements, you can also branch to a tag called “\$SKIP” which will fully bypass the current record at any time and not replace or delete the record.

The embed routine can also be used before connecting to a file for special link fields. An example of this would be:

File A	File B key fields
OACUST	CUSTYP (Always C in this example) OBCUST

In the above example, file B always has a “C” for customer type. But, the “C” does not exist in file A. You can press F15, embed, and on the first source code line, move a “C” in to a variable called “\$TYPE”. Make sure you qualify the variable as length of 1 since this is a new variable. Next, on the connect screen, you can connect to file B and use the fields \$TYPE and OACUST to connect.

You can always create new fields in the embed screen but be sure to qualify new fields with a length. Once you qualify them with a length (new variable), they will appear in the fields listing on the main replace screen.

On both the search and replace windows, you can press the F4 key to pick a field from a list.

Hints for users

If you just need the file layouts to a file, you can type VIEW <library/>file FLD. Once you are viewing the file layouts, you can press F3 to quickly exit the program, or F12 to view the file.

If the file you are changing/adding is a commonly used file, always select “Permanent” when creating the add/change program. Otherwise, select “Temporary” and it will only remain until you sign off your terminal.

You can change the SQL option to interface with your SQL package by using the RTVCLSRC command and modify the program VIEWSQL. For more information, see the SQL section

above.

If there is a key field which is a literal or a piece of the primary file when using the search/replace function, you can create a field on the embed screen using a simple “MOVE
“Literal” “FIELD” before connect to file. Be sure to enter the length and decimal positions.
Then enter this field on the F16 screen, connect file.

Limitations:

To display fields greater than 256 in length, use the “Create Field” option in File Layouts, F6 and break it in to multiple fields.

Limitation without the RPG compiler:

It is important to know that not all functions will work in iFileUtility if you do not have an RPG compiler (CRTRPGPGM) on your system. In order to change or add records, or use the Search/Replace function, you will need this compiler. If you do not have an RPG compiler on your system, use DFU (F8) to add and change records.

OnLine Help:

Pressing the F1 key or Help key on most of the screens will give you direct on-line help about the function or task you are performing in iFileUtility. You can also press F1 for more information when prompting the commands.

Security Feature

iFileUtility lets you have control over users dynamically switching from the file they started working on over to other files. This is a global setting and will apply to all users of iFileUtility.

The default configuration for iFileUtility will allow users to dynamically switch between files from the View screen. This is done by just moving the cursor to the top of the screen and keying in a different file and library name.

To stop this from happening on a global basis, you will need to sign onto your system as a security officer. Once you have done this, just process the following command from the command line:

```
CHGDTAARA DTAARA(IFULIB/YVIEWENV (1 4)) VALUE('PROT')
```

This will cause iFileUtility to always run in protect mode. To change your installation back to open mode, run the following command while signed on as QSECOFR:

```
CHGDTAARA DTAARA(IFULIB/YVIEWENV (1 4)) VALUE('')
```

When your iFileUtility is in protect mode, the value PROT will be displayed on the detail view screen in the upper left corner of the screen.

Also, if protect mode is active and an iFileUtility user that is displaying a file chooses the F13 option to display optional commands, iFileUtility will check the user's profile. If the profile has LMTCPB(*YES) set to limit their ability to execute commands from the command line, then option 2 from the F13 display will not be allowed. This will prevent unauthorized users from changing the parameters used for these command functions.

Install Menu

When you select item number 10 from the main menu (MASTER), the installation menu is displayed as follows:

```
INSTALL                                INSTALL Menu

Select one of the following:

    1.  Run initial install procedure
    2.  Display installation status
    3.  Change installation status
    4.  Print documentation

    7.  Process Kisco PTF Package

    10. To Main Menu

Selection or command
===>

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=User support   F16=System main menu
```

Menu items perform the following functions. Each function is discussed in greater detail later in this document:

1. Run initial install procedure

This option should only be used during initial system installation.

2. Display installation status

Displays a screen showing the current installation status for the software.

3. Change installation status

Displays the current software installation status and allows for changes to be made.

4. Print documentation

Prints additional documentation manual to the default print device.

7. Process Kisco PTF Package

Allows you to install PTF's received from Kisco Information Systems via E-mail or by Website download.

10. To Main Menu

Will display the MASTER menu.

Display installation status

At any time, you can check the current installation status of your copy of iFileUtility by selecting this menu option. You must be signed on with security authority of QSECOFR or equivalent. The following screen will be displayed:

```

Free Trial -- Dynamic Software Security -- INSTALLATION Procedure

Installation for      IFULIB      Developer ID code  KISCO

Machine serial number  1010788      Current Library    IFULIB
                      1010788      Sec.serial number  1010788
Machine run date....  970624      Sec.install date.. 970610
                      970624      Sec.expire date..  999999

Security Status (CURRENT STATUS).....Z-nnn

Please enter:

Type of install ..... _      T for trial, or P for permanent

Install password .... _____ Blank for trial, or permanent pswd
New expire date..... _____ Blank for trial, or 999999 for perm

Cm3,7-Return to menu      HELP          ENTER-process install

Free Trial (c)1997 Kisco Info Systems

```

The message at the center of the screen will indicate your current installation status. You should also check the Sec.expire date for an expired trial period. iFileUtility may still show as installed on a trial basis but, if the trial is expired, it will no longer function.

The following are the possible status messages that can appear on this display:

<u>Message</u>	<u>Explanation</u>
Z-001 NOT INSTALLED	Trial installation not started
Z-002 TRIAL EXPIRED	Trial period has ended
Z-003 PERMANENTLY INSTALLED	Software is permanently installed
Z-004 INSTALLED ON TRIAL	Software is installed on trial
Z-005 PASSWORD NOT ACCEPTED	Password keyed is not valid
Z-006 WRONG LIBRARY	Programs must run from our library
Z-007 PLEASE RUN TRIAL INSTALL	Must have trial install before perm.
Z-008 INVALID INSTALL REQUEST	Must be P or T
Z-009 INVALID SECURITY (REC#6)	Call Kisco
Z-010 INVALID SECURITY (NO ZZ)	Call Kisco
Z-011 INVALID SECURITY (HASH.)	Call Kisco

Change installation status

To make changes to your installation status, use this menu option. The changes processed can include both a trial period extension and permanent installation. You must be signed on with QSECOFR security authority or equivalent. When you select this option, the following screen is displayed:

```

Free Trial -- Dynamic Software Security -- INSTALLATION Proceed
Installation for      IFULIB      Developer ID code  KISCO
Machine serial number 1010788     Current Library    IFULIB
                        Sec.serial number 101078
                        Sec.install date. 970610
Machine run date....  970624     Sec.expire date.. 999999

Security Status (CURRENT STATUS MSG).....Z-nnn

Please enter:

Type of install ..... _          T for trial, or P for permanent
Install password .... _____ Blank for trial, or permanent p
New expire date..... _____  Blank for trial, or 999999 for

Cm3,7-Return to menu      HELP          ENTER-process ins

Free Trial (c)1990 Kisco Inf

```

Trial extension:

To extend a trial period, contact Kisco Information Systems and request an extension. We will provide you with an extension password and new expiration date. On the above screen, enter the following:

Type of install	Enter 'T' for trial
Install password	Enter all six digits of the extension password provided, including any leading zeros
New expire date	Enter the new expiration date in the format YYMMDD (ie: June 12, 1997 would be 970612)

When the parameter fields have been completed, press enter to reactivate your software.

Permanent installation:

To permanently install your software package, use the permanent password provided by Kisco Information Systems following receipt of payment. On the above screen, enter the following:

Type of install	Enter 'P' for permanent
-----------------	-------------------------

Install password	Enter all six digits of the extension password provided, including any leading zeros
New expire date	Enter all 9's (ie: 999999)

When the parameter fields have been completed, press enter. Your software is now permanently installed.

Print documentation

At any time, you can reproduce the additional documentation topics from the installation step by using this menu option. A full copy of this printout will be routed to your session printer.

Install Kisco PTF Updates

iFileUtility supports distribution of program updates remotely via the Internet. When programs in iFileUtility are updated or program fixes are required, Kisco Information Systems will send the updates directly to you via the Internet. If needed, we will send E-mail to you with an attached PC file. This file, when loaded into a folder on your system, can be used to post program updates and changes to your copy of iFileUtility.

When you receive a PTF update package from Kisco, you will be given an eight character PTF Package Name. To load and apply the PTF to your system, follow these steps:

1. Create a folder on your system named KISCO. You can do this with the following command:

```
CRTFLR FLR(KISCO)
```

Note: If you have received other PTFs from Kisco in the past, this folder may already exist on your system. There is no need to re-create it again at this point.

2. From a PC that is attached to your system, move the PTF Package file that you received from Kisco into this folder. From a Windows client, you can simply use a copy function to accomplish this. A command similar to the following should work:

```
copy c:\{ptfname} i:\qdl\kisco
```

where ptfname is the PTF Package name assigned to the file.

If you do not have your IBM i system mapped, you can use iSeries Navigator. To use the Navigator, double click 'File Systems', 'File Shares', 'QDLS', and then 'KISCO'. At this point you can drag and drop the PTF file into the KISCO folder.

3. Sign on to any terminal or terminal session as QSECOFR
4. Make sure that no iFileUtility functions are in use and that no users are logged into a iFileUtility menu.
5. Type the following command:

IFULIB/KISPTF

and press the F4 prompt key.

6. The command will prompt for two values. The first is the name of the iFileUtility application library and should not be changed. The second command must contain the eight character name of the PTF Package File. When both parameters are set, press ENTER and the PTFs will be loaded and applied to your copy of iFileUtility.
7. All Kisco PTFs are loaded so that the prior version of any program objects are saved. This will allow for the effects of a PTF to be reversed at a later time should a defect be identified in the PTF. This can only be done via direct instruction from a Kisco support representative.

During the PTF installation process, two printouts will be created. One of these will be the PTF Cover Letter Documentation; the other will be a fresh update of the additional documentation topics for all iFileUtility changes. Kisco recommends that you read both documents before starting to use iFileUtility again.