

Release notes - filePro Plus 6.0 - 10/02/2020
fP 6.0.XX.13

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To submit bug reports

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1. Login to your account portal on our website <http://www.fptech.com/fptech/login.php> and then go to the Support Incident Menu and submit an incident request.
 2. EMail them to support@fptech.com including the text "Bug Report" with the version # and your filePro License # in the subject line
 3. FAX them to (813) 354-2722 clearly marking them as bug reports and be sure to reference your filePro License #
 4. Call the customer support number (800) 847-4740

We wish to thank Jim Asman for sending us an entire set of HP printer tables for inclusion in this release. You might wish to send him a note of appreciation to root@spctra.wimsey.com Please view Jim's readme file which has been placed in your fp\lib directory for any special notes about these printer tables.

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It's important that you clearly describe a suspected bug and include the filePro version number. If the programmer has trouble figuring out what you meant, you might as well not have reported the bug. Be very specific. For example, if you are reporting a bug concerning a Browse, identify if it is a lookup browse or browse created by using the [F6] key. A screen shot is very helpful and sometimes better than more than 1000 words.

Describe exactly how to duplicate the bug. Although it's sometimes difficult to create a working sample to demonstrate the problem, make every effort to trim down your code and provide a working sample application with test data. You may even discover that what you thought to be a bug is due to a coding error or the bug may only occur with lots of data or large processing tables.

Take good notes as to any error messages and under what circumstances the error message is presented. It never hurts to provide more information rather than not enough. This is particularly true when the programmer asks for additional information. Rather than responding with a single sentence, be verbose since this may shed some light on the bug or what you may be doing wrong in your code.

Read what you wrote. Closely read your bug report before submitting to make sure it's clear and complete. If you have listed steps for duplicating the bug in a sample, exercise the sample with the listed steps to make sure you haven't missed a step.

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*****
filePro and filePro Plus are registered
  trademarks of fP Technologies, Inc.
*****
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=====
Version 6.0.XX.13 bug fixes
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Task #1763

Fixed an issue where switching between menus in dmake menu on a bad password could cause a crash.

Task #1764

Fixed an issue where switching between menus in dmake menu on a bad password could cause a crash.

Task #1765

Changed [dr]cabe to not exit if an edit used in automatic processing and used in input processing was not found.

Task #1768

Corrected an issue with the lookup wizard in [dr]cabe when defining a fuzzy lookup. The browse line would not be generated correctly when leaving the wizard.

Task #1769

Fixed an issue where using '[' instead of '(' in parameter lists could cause an invalid syntax error.
e.g. x=listbox[array] vs x=listbox(array)

Task #1785

Increased ACTION length in debugger from 60 characters to full 128. Should now be the same as *cabe.

Task #1786

Changes caused by a duplicate task #1691 broke the pathed version of the FORM command added by #1722. Reverted changes.

Task #1779

CLEARB now correctly ignored in drop processing

Task #1781

Fixed an issue with SIGPIPE and user commands. SIGPIPE is now handled like in 5.8 unless PFCATCHSIGPIPE is set to ON in the environment.

Task #1784

Increased ACTION length in debugger from 60 characters to full 128. Should now be the same as *cabe.

Task #1790

Corrected an issue where 'killing' a file using dprodir wouldn't remove the directory and its children on Windows.

Task #1791

Corrected an issue with fpcopy that would prevent the prc_backups folder from being properly handled.

Task #1793

fpcopy will now correctly handle all extents on a file and will now mirror them correctly.

Task #1794

Fixed an issue where @GUI.xxx commands could run multiple times (once per break level) in reports.

Task #1795

Updated mirroring to correctly handle multiple extents on a file.

Task #1796

Corrected an issue where upon turning on mirroring for a file and re-executing the dialog option could cause ddefine to crash.

Task #1797

Fixed an issue in GIservr where connecting with an unsupported client (version 7.12.1.6 or earlier) could cause the server to deadlock and stop accepting connections (SCO).

Task #1798

Corrected an issue where all files, when first mirrored, would be created as empty blob files (blob binary data and structures in the file). All files are now correctly created of the right type.

Task #1799

Corrected an issue in ddefine where a broken mirror would not be displayed as such (missing splash screen and 'B' flag in options).

Task #1800

Fixed an issue where when switching a mirror from a broken state 'B' flag in options in ddefine to a 'Y' would not re-create and update missing files.

Task #1801

Corrected an issue in ddefine when trying to create qualifiers. The list would not display unless also creating an index, it now correctly displays without having other options flagged.

Task #1802

Fixed a file handle leak in GIservr that could result in a Too Many Open files error, hanging or crashing the server.

Task #1803

Mirroring disabled warning will now correctly keep its own state between files. Previously, switching between two "broken" mirrors would cause the splash screen to show again.

Task #1804

Corrected an issue in dprodir where filePro could crash if there were a large number

of files in the directory to be deleted.

Task #1805

Corrected index scanning in *clerk when both a selection set and index are specified on the command line. The scan will now also accept system variables in the selection set, such as @PM, to be used in conjunction with the index from the command line.

Note: Using both flags implies PFIIXS.

Task #1806

Fixed an issue in cabc when the screen was redrawn by scrolling the page. If the previous field allowed for a lookup to be created and the destination field did not, the prompt would still be displayed.

Task #1807

Corrected the "Remove Script" feature when redefining a menu. Previously, if the option had a flag such as '@', it would be included in the path of the file to be removed.
Note: Raw output is still not displayed.

Task #1808 (Web only)

Corrected the wait flag on a menu option in web to display a message rather than a blank screen.

Task #1809

fpcopy will now copy all files under a filePro file's directory structure.

Task #1816

Corrected and added a syntax error to commands that parse screen names as literals, i.e. SCREEN, SWITCHTO, etc. The command would not throw an error on screen names over 1 character if it was not quoted and would parse them incorrectly.

Task #1817

Corrected an issue with field switching in GUI under report. Fields will now correctly switch when clicked on.

Task #1818

Corrected an issue where a duplicate field warning could display while defining a lookup. Warning is now suppressed until saving the processing table.

Task #1820

Corrected an issue with ddefine where having PFQUAL set could cause issues if the qualifer does not yet exist in the file while defining indexes.

Task #1824

Corrected a crash in rclerk when using a POPUP due to a stack underflow. Issue introduced in 6.0.01.06.

Task #1828

Corrected an issue where screens created with ddefine sometimes would have incorrect colors added to the bottom of the screen.

Also updated the screens generated by ddefine from 3.0 to 4.0+.

Added environmental variable:
PFDDEFOLOR=ON|OFF (default ON)

When on, ddefine will create color screens, when off, monochrome.

Task #1830

Corrected the free space checks on all operating systems for ddefine and dexpand.

Drive free space is now correctly accounted for. Some space is still reserved in the check for the operating system.

Task #1831

Corrected an issue where drives set in PFDSK in the format of PFDSK=C;D;E;F on Windows would not correctly be parsed, leading to some programs failing to find other drives.

Task #1835 Added flag -RH to report to disable the automatic record number reporting in the middle of the screen. This enables placing text on the center of the screen without it being overwritten when the display updates.

Task #1836

x=@GUI.PAUSE()
Pauses automatic screen updating while in GI/Web.

x=@GUI.RESUME()
Resumes automatic screen updating while in GI/Web.

Task #1838

Corrected an issue when entering an invalid printer type in pmaint. Break key will now correctly be honored when answering 'N' or breaking out of the question asking if you want to pick a valid print code table from a list.

Task #1838

Corrected an issue when entering an invalid printer type in pmain. Break key will now correctly be honored when answering 'N' or breaking out of the question asking if you want to pick a valid print code table from a list.

Task #1840

Corrected an issue where reports and forms generated in [dr]report were initialized twice, causing two init print codes to be inserted into the output.

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Version 6.0.XX.12 bug fixes
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Task #1008 (All) **NEW**

New xcabe program to allow Run-time quick start compiles. There is no user interface except to press ENTER if an error is encountered.

Task # 1699 (All)

Fixed MEMO text to ignore spaces after an ENTER

Task #1712 (Nix)

Updated "finish" script to honor PFLICFILE.

Task #1723 (All)

Added an alias to PDFPOSTPRINT (PFNEWPOSTPRINT), default OFF. Added PFPPFULLPATH to augment the filename passed to the post print handler, default ON, this causes the filename passed to the postprint script to contain the full path to the file, not just the file name. Set to OFF to revert to old behaviour. PFPOSTPRINTnnn will now work with normal file destinations. Same rules as the old global PFPOSTPRINT but also supports PDF files.

Task #1728 (GI)

Reworded "Server Serial Number" prompt when adding a new server entry to GIadmin to "filePro Serial Number" to avoid confusion.

Task #1750 (All)

XFER was not properly copying 'backup' prc files.

Task #1758 (All)

NEW command OPENDIR2 to handle long-named files and paths.
e.x.
N = OPENDIR2(mask, path, fmt_sz, ext_sz, nam_sz)
All arguments are optional.

Task #1776 (All)

If you had an environment or config variable named XXSOMEVAR
it would still qualify as PFSOMEVAR.

Task #1764

Fixed an issue where CO in a selection set would not properly check if the
value
was contained in a field.

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Version 6.0.XX.11 bug fixes
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Task #1738 (All)

Reversed task 1737 and added new @DV for the distribution release
number.

Task #1740 (All)

PFCHECKLOCK was causing an improper error on read-only MEMO Show

Task #1741 (All)

MEMO CLEAR was not working with a lookup memo when reference by the
lookup handle

Task #1742 (All)

MEMO functions were causing sporadic memory leaks.

Task #1743 (All)

Modifying a lookup that has an Auto-Index selection set would cause
a DKNF error in certain cases.

Task #1748 (Windows)

Uppercase FP in menu command causes comspec error

Task #1611 (All)

Change in behavior for CONTAINS in Long and Short Selection.
Any CONTAINS no longer worries about length or edit in its search.
IMPORTANT: Any indexes previous built with selection criteria in
prior version MUST BE REBUILT!!!

Task #1647 (All)

*clerk index selection was missing the correct record in some
cases when the index had a selection set.

Task #1739 (Windows)

GIadmin shortcut was not always created during install.

Task #1752 (All)

Fixed a bug in ODBC Mirroring.

Task #1753 (All)

Added PFCALLDBG, default ON, that can be used to have the debugger ignore calls when turned OFF.
Note: DEBUG ON will still enable the debugger in a call.

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Version 6.0.XX.10 bug fixes
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Task #1721 (All)

Improved Spooler timiout handling in order to avoid spooler shutdown during large printing operations.

Task #1722 (All)

Fixed the ability to use path and filename on FORM

Task #1729 (Web)

Fixed the sequence in which @VR was being cleared.

Task #1730 (All)

Fixed a bug in pkeep by reverting Task #888 which will be readdressed in a future update

Task #1731 (All)

Enhanced transfer speed of fPTransfer

Task #1734 (All)

Fixed a bug where assigning to a real field from a mid statement could blank the field if the field passed to mid was the same.

Task #1735 (All)

A truncated field on a screen was not allowed in cursor pathing in some situations.

Task #1736 (All)

Fixed and enhanced the @VR system variable

Task #1737 (All)

Added PFZEROLENWARN=OFF (default ON) to disable cannot assign to zero length field message when saving a processing table.

Task #1778 (All)

ddefine was not creating qualified indexes

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Version 6.0.XX.09 bug fixes
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Task #1706 (All)

Setting PFQUAL in *cabe broke the lookup wizard

Task #1710 (All)

drumenu could crash loading some older menus

Task #1711 (NIX)

Some OS errors were bypassing the signal hander

Task #1713 (All)

*cabe was ignoring the new -Cxx flags

Task #1715 (SCO)

'BREAK' in dscreen was crashing

Task #1718 (All)

POPUP was not display the full screen

Task #1719 (All)

POPUP UPDATE was crashing when r,c was used

Task #1720 (All)

Added Error Message if browse lookup closed in
DROP processing

Task #1726 (All)

Some commands were seGving on long or invalid
filenames

Task #1727 (NIX)

Removed the need for libfpodbc.so by statically
linking it the executables.

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Version 6.0.XX.08 bug fixes
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Task #908 (All)

A repeat fix of a previous bug in prc=
checking of a browse lookup

Task #1058 (Nix)

Adjusted finish script for a bug in handling
PFLICFILE value

Task #1693 (All)

String parsing on chmod, mkdir, etc. caused syntax
errors/warnings. This was caused do a preprocessor running the

same syntax routines as the actual syntax checker/tokenizer.

Task #1694 (All)

Corrected a case where some bitwise operators (~^ ~| ~& ~> ~<) would cause a buffer overrun or return a signed value incorrectly.

Task #1695 (All)

PUSHKEY is now correctly ignored when running processing in debugging mode.

Task #1696 (All)

FLUSHKEY does not clear keystrokes added by PUSHKEY.

Task #1375 (All)

Updated errmsg file with latest error codes

Task #1675 (All)

F5 would not properly fill a truncated field

Task #1705 (All)

WORDWRAP broke when correcting another MEMO issue. It now properly breaks.

Task #1704 (All)

Cursor path editing would not properly ignore protected fields.

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Version 6.0.XX.06 bug fixes
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Task #1673 (OpenSuSE)

GIservr install was failing to create service

Task #1674 (All)

Added AUTO to clarify description in dmoedef

Task #1681 (All)

Syntax check pointed to wrong line on a duplicate long variable declarartion

Task #1682 (All)

ftp message show/hide flags were reversed

Task #1667 (All)

Modified Extended Selection so that edit does not allows apply. i.e. Using CObtains for a part of a phone number.

Task #1679 (All)

Modified record selection to accept only numbers.
Allowing other input selected incorrect records.

Task #1672 (All)

The changes were to IXSEL (new optional 3rd parameter)
and IXSORT (new optional 4th parameter). The parameter must be
a path representing an alternate PFDIR to use temporarily for
the function.
IXSORT and IXSEL were failing on qualified indexes

Task #1117 (All)

Improved license related shared memory error reporting.

Task #1687 (All)

Fixed a bug where having a field defined at the end of a row
would not resolve properly if the following line started with
text instead of a space.

Task #1631 (All)

Memo text edit window was not scrolling in certain circumstances

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Version 6.0.00.05 bug fixes
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Task #1624 (Windows)

Added Desktop Shortcut for GIadmin 6.0

Task #1656 (All)

Archive did not handle lookup to lookup

Task #1657 (All)

Creating a new scree required two Saves to
save and exit

Task #1658 (All)

Cursor positionin was wrong after using
search in the config editor

Task #1659 (All)

Search & Replace in cabe caused a line
truncation when answering NOT

Task #1661 (All)

Index in *clerk is going to the incorrect record
when built off of multiple fields. Related to a
bad fix from #1503

Task #1663 (All)

Improper key buffer management when using
certain combinations of PUSHKY

Task #1664 (All)

Memo memory fault when using certain sequences
of Page Up and Page Down in memo editor

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Version 6.0.00.04 bug fixes
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Task #1652 (All)

When editing a defined lookup in processing, the highlight
was on the wrong index.

Task #1653 (All)

Define processing was not reporting a correct line number
on a syntax error.

Task #1654 (All)

Define processing was crashing on Search & Replace on a new
table that had not yet been saved.

Task #1655 (All)

JSFILE was passing syntax when a function had not been
sepcified

Task #1656 (All)

Enhanced ARCHIVE command to work with 2 lookups
ARCHIVE lu1 TO lu2

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Version 6.0.00.03 bug fixes
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Task #1651 (All)

Corrected a change introduced into ddefine that caused the map
file to be truncated on the last section of the header. This
caused ddefine and other developer programs to treat the file as
if it had a creation password.

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Version 6.0.00.02 bug fixes
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Task #1626 (All)

Using a merge field from import fails on condition line would fail.

Task #1628 (All)

Bug occurred in an index when a record was added or deleted from an
automatic index using a selection set through a lookup.

Task #1629 (All)

In certain situations the screen text would scroll a screens
content and message to wrap in F6 Browse function.

- Task #1633 (All)
Added an error message to cabc if code assigns a value to an invalid field.
- Task #1636 (GI)
A previous fix for CRON functions broke MSGBOX in GI.
- Task #1625 (All)
SORTARRAY now puts any blank fields at the end of the sort.
- Task #1634 (All)
Corrected text on setting selection set passwords
- Task #1635 (SCO)
Help display was improperly wrapping.
- Task #1638 (All)
Field length for description was extended from 80 to 255
- Task #1640 (All)
Under certain conditions clearing the BUSYBOX display would not properly redisplay the screen contents.
- Task #1641 (All)
Enhanced fPTransfer to properly xfer the auto index selection criteria
- Task #1642 (All)
ddefine create screen 0 caused a *clerk invalid screen error
- Task #1643 (All)
Removed debug display of field numbers from IUA index selection
- Task #1644 (All)
dmodef was not displaying all print codes
- Task #1632 (All)
32bit Installs had the wrong 'rename' program.
- Task #1645 (All)
fPCopy was not properly copying the Auto Index Selection Sets
- Task #1646 (Linux)
Certain colors and highlights were not being shown properly.
- Task #1648 (Linux)
Under some situations a *clerk screen would shift improperly
- Task #1649 (All)
ddefine did not properly make an index with a selecton set
- Task #1650 (All)
fPCopy would crash or give an error message when copying a mirrored file.

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Version 6.0.00.01 bug fixes

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Task #1607 (All)
Removed double F7 label

Task #1608 (All)
dosetforms - replace toggle with select all / select none

Task #1386 (All)
Display when index is built on selection set.

Task #1619 (All)
Fixed changing Broken mirror status to Yes mirrored status
in define files.

Task #1620 (NIX)
Correct error to redirected stdin

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Version 6.0.00.00 bug fixes

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Task #1128 (GI)
F6 was not working from pmaint to select Windows printers.

Task #1165 (All)
Better error handling when indexes are in a known need to
rebuild state.

Task #1239 (All)
MySQL/ODBC was returning a -1 error on longblobs. The problem was caused
by the precision being reported as -1.

Task #1255 (GI)
GI now traps no password in user.cfg file

Task #1310 (GI)
GIserver now handles HD Serial Number with or without dashes

Task #1407 (All)
xx = @odbcexception.clear crashes filePro

Task #1571 (GI)
Occasional broken lines were drawn

Task #1569 (GI)
GIserver was missing some shutdown messages

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