



Pragma 5 Updates



Latest Version 5.42 [Build 47](#)

Last updated:
September 28, 2005

Version 5.42

[Build 1](#)

October 9, 1998

When opening recap or definition editor and the form editor is open, the form editor now automatically shuts down and the reopens.

Two new procedures (101 and 102) have been added to the VARIOUS VERBS verb.

The Tools Utility List Elements now lists also in alphabetical and tab stop order.

A bug has been eliminated that caused a crash if a tab stop property was set greater than the number of elements in a form.

A bug was fixed that caused a crash if a form was run without any elements.

A bug was fixed that caused a crash under certain circumstances when the edit field of a Form was to receive the focus.

At startup the program looks for the PRMSG and PRSTD files also in the directory\Pragma_5.

Graphed. Text element properties, styles, implemented.

When clicking on an element, the status line now displays the element name.

The verb PRINT SET FONT now accepts font sizes up to 1638 points. Extreme large fonts have not been tested.



Strong network locking has been implemented. For further details read the technical bulletin [Strong Network Locking](#). **Careful:** it has not been extensively tested.

Prutil, version 5.42 build 1

A change was made in the validation program to automatically zero the lockbyte if it is not already zero.

Build 2

October 19, 1998

During the introduction of strong network locking the ability of Pragma 5 to read Pragma 4 version 30 PFM files was erroneously eliminated. It has been reinstated.

A new event has been added to the grid, Got focus.

Prutil, version 5.42 build 2

The program has been recompiled in order to incorporate the bug fix in Pragma 5.

Build 3

October 30, 1998

A bug was fixed in View File data that displayed a wrong header if the file to display contained a comment in the first line.

The ability to read version 2 and 3 of PFM files has been restored to Pragma 5.

A new verb, PRINT GRID, has been added. It is documented in the reference manual and there is an example in the tutorial vocab. We would appreciate comments and suggestions, which, if reasonable, we will incorporate.

The conversion of the module FM.C to CPP has been started.

The elimination of putlong and getlong are holding things up.

The strong network locking has been changed so as not to strongly lock the system files PRVOCAB.PFM, PRMSG.PFM and PRSTD.PFM. This will let you use strong locking and writing back the noun values to the VOCAB. (A practice which we don't really approve. The initialization of nouns must be done in your program!)

Prutil, version 5.42 build 3

The program has been recompiled to incorporate the changes in the LIB.

Build 4

November 20, 1998

This build has been compiled with the Microsoft C++ version 6.0 compiler.

When exiting the definition editor and the editor stop dialog box appears, you can exit without saving by hitting the ESC key or save by hitting the ENTER key.

The exit shortcut on the system menu can be disabled by adding a parameter in the Initialization section of the Registry. See the entry "Registry" of the various help.

Two new elements have been added to Pragma 5: Month calendar and Date and Time picker. They are explained in the Reference help and the FORM TEST CALENDAR shows how to use them. Enjoy.

Prutil, version 5.42 build 4

In the batch validation program the OK's or NOT OK's get lined up.

Build 5

December 1st, 1998



Be very careful with this version. It incorporates many changes. Test it before using with clients.

A bug has been fixed in PRINT GRID that caused a crash when printing over more than one page.

The file manager module has been rewritten in C++.

Goliath, version 5.01 build 1

This is a test version of Goliath. Please read the technical bulletin [Goliath 5](#) and [The Goliath Story](#) for more information.

Build 6

December 11, 1998

This build has been compiled with the Microsoft C++ version 5 compiler. Version 6 has a bad bug that prevents Pragma 5 from compiling. Unfortunately this means that until this problem has been cleared up

with Microsoft, the new elements Month Calendar and Date and Time Picker cannot be used.

In the ODBC GET verb the second parameter has been changed to be an optional "WHERE" statement. Not tested.

In the verb GRID GET COLUMN WIDTH the output of the width of the column has been changed to DBU's. The value now matches the value given with the verb GRID SET COLUMN WIDTH.



The verb SYSTEM CALL now supports an optional argument to pass to the program being launched. If you don't pass an argument, you must put a zero or "" into the second parameter.

Small changes to the display logic of the definition editor and recap dialog.

Build 7

December 14, 1998

A new element has been added: Rich edit field. It is documented in the reference manual and there is an example in the tutorial vocab. Be careful, in spite of its name it is more limited than the Edit field.

Prutil, version 5.42 build 7

A bug was fixed in the record management program that prevented the opening of the standards file.

Build 8

January 25, 1998



All the builds of version 5.42 contain many changes that need extensive testing. Be careful before using this build with clients.

A possible bug has been reported in the C++ file manager.

A bug has been fixed in the menu forms. Previously vertical menus at Y position 1 did not get displayed if they were created before their horizontal menu.

Custom controls have been added to the Goliath controls.

A new verb, DISPLAY HELP, has been added. It is documented in the reference manual and there is an example in the tutorial vocab.

Goliath version 5.01 build 2

Custom controls have been added.

Build 9

February 02, 1999

The new element Rich edit field has been added to the general properties dialog box of the graphical editor.

In View Files and List References the short filename has been added to the selected file. A bug has been eliminated in List References that did not display the file error.

A bug has been eliminated in the file manager that under certain circumstances caused a crash with the message "writing to disk".

Build 10

February 16, 1999

A bug has been eliminated that prevented the verb SET ELEMENT PROPERTY (SEP) property focus to correctly set the focus if used in the initialization of a form.

The List Vocab Items tool when listing files also displays the short name.

When the chosen language is German or New German and the Help/Language Reference menu choice is selected the file PRAREFD.HLP is chosen.

The verbs GEP and SET now set and get the width, height, horizontal position, vertical position of pictures with style 1 and 2.

Prutil Version 5.42 Build 10

The program has been recompiled to incorporate changes in the LIB.

Build 11

March 15, 1999

A bug was eliminated in the verbs DOS READ and DOS READ LAYOUT that prevented upper ASCII characters from being displayed. The verbs DOS READ and DOS READ LAYOUT have been moved to a C++ module.

When doing an exchange all the mouse cursor changes to the hour glass.

The List Items dialog now remembers the item type last used. A bug has been eliminated when printing a listing of files.

The verb PRINT GRID now correctly prints columns that have a width of 0, except that the first column cannot be 0, otherwise the first vertical line will not be printed in the correct width.

A bug has been eliminated that happened when requesting security from Goliath.

Goliath Version 5.01 Build 3

March 15, 1999

The connection and security controls are saved to the registry.

Build 12

March 22, 1999

A bug has been eliminated that caused a crash of Pragma 5 if an empty ODBC file was accessed. When getting an ODBC file you can use the index selection noun to sort. See the reference of the verb ODBC GET for further details.

A bug has been eliminated in the List Items dialog, that was introduced in build 11.

Build 13

April 16, 1999

Pragma 5 has been recompiled to use the Microsoft C++ 6.0 (service pack 2) compiler. The recompilation now uses shared MFC DLL's as opposed to static DLL's.



You may experience problems in starting Pragma 5 on older versions of Windows (Error: Pragma 5 could not find a DLL). Please read the technical bulletin: [Startup Problems of Pragma 5](#).

The main change had to be made for the exit program. Now the exit is done through CMainFrame::OnClose() as opposed to exit().

When exiting in a non standard way or with the verb RETURN TO OPERATING SYSTEM it is possible that P5 crashes. Not very nice but harmless. This will be fixed in a future version.

The elements Calendar and Date Picker are now operational.

A small bug was corrected in the verb PRINT GRID that prevented the change of the font weight in the font used for the body of the grid.



Microsoft made many hidden changes to C++ 6.0. Be careful with this version. Use it for some time in a controlled environment. Please let us know anything that does not work correctly.

Prutil Version 5.42 Build 13

The program has been recompiled to use shared MFC DLL's of C++ 6.0.

Build 14

April 21, 1999

You may experience problems in starting Pragma 5 on older versions of Windows (Error: Pragma 5 could not find a DLL). Please read the technical bulletin: [Startup Problems of Pragma 5](#).

The bug on exiting has been eliminated. The C module ERROR.C has been substituted by a C++ module.

Build 15

May 7, 1999

In the verb PRINT GRID the alignment 0 has been added.

The module COMVERBS.CPP has been added.

The module DOSVERBS.CPP has been completed.

Due to a bug in C++ 6.0 the error variable errno has been hand coded in the DOS verbs.

When we introduced the noun IPC STATUS MESSAGE we really fouled up, creating a annoying inconsistency. We have now renamed the noun IPC STATUS NUMBER. The noun IPC STATUS now contains like always the status message of an operation. To get the status number of an operation use the standard noun IPC STATUS NUMBER. Sort of like EXTERNAL ECHO (the message) and FILE STATUS (the number). If you have used the noun IPC STATUS MESSAGE trace it in your application and substitute it with IPC STATUS, if you want the message. Also check the SYSTEM CALL. You may have to change IPC STATUS for IPC STATUS NUMBER.

Please also note that SYSTEM CALL no longer writes the result to the noun EXTERNAL ECHO.

Sorry about that.

The verbs ASSIGN COMMUNICATIONS, SEND, RECEIVE and RECEIVE LAYOUT have been rewritten in C++. Be aware that ASSIGN COMMUNICATIONS now has one added parameter, style (not yet functional). Style 0 will be like the old ASSIGN COMMUNICATIONS. The verbs SEND and RECEIVE now work under Windows, but momentarily only a fixed COMM setting of 9600,8, I, N.

The next release will let you change the settings from within P5. Be aware that these new verbs may act slightly different, especially in regards to timeouts. Please let us know immediately of any problems. Read the reference for more details.

Goliath Version 5.01 build 4

May 7, 1999

Goliath has been recompiled to use shared MFC DLL's of C++ 6.0.

Should you experience any problems in starting Goliath, the P5 startup problem apply.

Build 16

May 21, 1999

The error messages and numbers for IPC STATUS and IPC STATUS NUMBER have been updated.

ASSIGN COMMUNICATIONS now can set the comm parameters.

Build 17

June 9, 1999

The Verb READ SECURITY VALUE now returns the status of the operation in the target nouns IPC STATUS and IPC STATUS NUMBER. No error message box is displayed. Please update your programs if you use the verb READ SECURITY VALUE.

The verb SYSTEM CALL can be made to run in Pragma 4 emulation mode.

A new element, List control, has been added. This element and its verbs are fully documented in the Reference help.

The module Print.C has been eliminated.

The validation of Vocab and PFM files has been moved from Prutil to Pragma 5. As of now please use this validation, since it has been changed to accommodate the new element List control.

Goliath Version 5.01 build 5

Goliath now reads the available security from the special Goliath device.

Build 18

June 17, 1999

The cases wikkbhit, wigetch, wisclup, wiscl in the file winio have been eliminated.

A bug has been fixed in the Utilities menu that caused the menu not to work under Windows 98.

The validation of forms has been moved from Prutil to Pragma 5.

The Pragma installation diskettes have now become 4.

Build 19

July 3rd, 1999

Two new verbs, LIST CONTROL ADD FILE and LIST CONTROL ADD MORE have been added. They are documented in the Reference manual.

The verb RETURN TO OPERATING SYSTEM has been changed to be like the verb RETURN TO START.

The options backup and restore vocab have been moved from PRUTIL to P5.

The Various help has been changed to the HTML help. The change over is not yet complete. If you are not making a complete installation of Pragma 5 you must manually install the file PRAVAR.CHM to the directory where Windows keeps all the help files (usually \WINDOWS\HELP). You can delete the files PRAVAR.HLP and PRAVAR.CNT since they will not be used again and its contents become obsolete.

You can now set the dates in the elements Date and Time picker and Month Calendar with the event verb SET ELEMENT PROPERTY, PROPERTY TEXT.

The colors of the Month Calendar and Date and Time picker elements can be changed with the verb SET ELEMENT COLOR.

A bug has been eliminated in printing the Pragma 4 way, that prevented the correct handling of the escape character. This bug was introduced in build 17 and was caused by the different way a structure is initialized in C++.



Another problem has surfaced due to the change to C++. 6.0. When you are in the DOS Window and you exit Pragma without closing first the DOS window Pragma will crash and the operating system may slow down to a crawl due to the fact that the processor will continue to carry the full DOS window load. To avoid this problem **always** exit the DOS window (ESC key) before exiting Pragma. Otherwise you may have to shut down and start your machine again.

Build 20

July 12, 1999

The Start window has been renamed DOS window to reflect the latest changes. The Start dialog has been implemented in lieu of the old Start window. The Start dialog is now completely event driven.

This build has never been officially released.

Build 21

August 27, 1999

The various manual has been renamed Pragma 5 manual to reflect the changes introduced with the new HTML format of the manual.

The Reference manual has been changed to the HTML help. The change over is not yet complete. If you are not making a complete installation of Pragma 5 you must manually install the file PRAREF.CHM to the directory where Windows keeps all the help files (usually \WINDOWS\HELP). You can delete the files PRAREF.HLP and PRAREF.CNT since they will not be used again and its contents become obsolete.

Known problems: when listing standards and clicking on help the desired reference is not automatically shown.

The tutorial vocab has been merged with a P4 vocab. The duplicates have not yet been removed.

The list element grid has been changed to the system grid.

The verb SYSTEM CALL has been changed to start P4.EXE. This change does not affect any other operation except when calling P4.EXE.

A bug in the validation has been eliminated that caused an error 110 to be listed when the entry was lower in value if numeric and string type keys were both used in a PFM file.

The system command to exit has been disable when in definition editor.

The verb LIST CONTROL SELECT ITEM has been enabled.

Due to an error the PRAGMA.DES parameters PRINT COLS and PRINT LINES were read also from the registry and overwrote the PRAGMA.DES parameters. The error has been corrected.

The verb INPUT LAYOUT 0 now uses the same code as INPUT KEY.

PRSETUP Version 5.42 Build 21

When the two DLL's MSVCRT.DLL and MFC42.DLL are already present, they get copied to the directory where Pragma resides. The DLL's are now written to the System path.

The German help file PRAVAR.CHM is copied from the CD ROM to the help files directory when present.

The file PRAVAR.CHM is now copied instead of the file PRAVAR.HLP.

The option to install P4.EXE and SCREEN.PFM has been added.

P4 Version 5.42 Build 21

The program P4.EXE is now part of the Pragma 5 release. It is an alpha version of the runtime interpreter for Pragma 4 programs. The interpreter is a pure 32 bit executable that is a native Windows "console" program. It must reside in the same directory of P5.EXE.

Since the P4.EXE shares most of its code with P5, it maintains the same version and build numbers like P5.

Consult the Pragma 5 manual for further details.

Known problems : when erasing a window the last line does not get erased. Not all the Ctrl and Alt keys are supported.

Build 22

September 7, 1999

P5

Oops. The verbs INPUT LAYOUT 0 and INPUT KEY have been restored to function like before. Sorry about that.

A new option. "Console" has been added to the tools, options.

A bug has been killed in the verb LIST CONTROL ADD FILE that prevented the display of the last noun to list.

P4

The verb INPUT LAYOUT 0 has been enabled.

The screen size can be changed from the standard 25 X 80 to any size that can fit on the monitor.

The noun OPERATING SYSTEM NAME returns for P4.EXE the string W32CONSOLE.

Btrieve has been enabled but not tested.

Prasetup

The DLL MSVCP60.DLL used by P4 has been added to Disk 4.

Build 23

September 21, 1999

A bug has been fixed when running Pragma 5 in runtime mode that caused an assertion error when Pragma 5 terminated.

The port number when communicating with Goliath can be changed in the Goliath options.

The Pragma Tutorial help has been changed to the HTML format.

Prasetup

The Help OCX HHCTRL.OCX has been added to the setup program, disk 4.

Goliath

The port number when communicating with Pragma can be changed. Read the section [Goliath](#) for more information.

When waiting for inquiries Goliath can be put on the taskbar.

Build 24

September 30, 1999

P 5

The utility to create PFM files has been moved from PRUTIL to PRAGMA.

P 4

A bug has been eliminated that under some circumstances displayed incorrectly a SCREEN.PFM screen.

Prutil

Prutil has been recompiled without the utilities moved to Pragma 5.

Prasetup

Due to ever growing files the release of Pragma 5 now uses 5 diskettes.

Build 25

October 27, 1999

P5

The form editor messages #55307 and 55358 have been edited to reflect the fact that one can also find an element, not just forget it.

A bug has been taken care of in the START window that confused the program when an empty task was selected.

A bug has been eliminated in the verb READ SECURITY VALUE that prevented the reading of locations 0 to 8. When performing a validation the vocab file now always gets closed first.

When doing a SYSTEM CALL for P4.EXE the vocab file now always gets closed first.

The date in the elements Date and time picker and Month calendar can now be set with the Property text and the verb SET ELEMENT PROPERTY. The colors can be set with the verb SET ELEMENT COLOR.

The print option has been added to the List Elements utility.

The Help - Tutorial has been changed to the Internet format (.CHM).

P4

Reports from users confirm that P4.EXE works correctly with Btrieve.

The startup can be monitored by putting the statement DISPLAY DEBUG = TRUE into PRAGMA.DES.

Build 26

December 7, 1999

P5

The search for the P5 directory has been made Windows 2000 compliant.

The noun OPERATING SYSTEM NAME returns WINDOWS 2000 when Pragma 5 runs under Windows 2000.

Tooltips have been added to the Rename dialog box.

The property tooltips has been added to some elements (Pushbutton, edit field, etc)

The verb EXTERNAL TIME now returns the same time as PUT TIME.

All code concerning FS has been eliminated.

All the file verbs code has been moved to the module FILEVERBS.CPP.

Build 27

January 4, 2000

P5

A new event, Single click left, has been added to the List control element.

The menu help has been changed to HTML.

The List Standards help has been made active with HTML help.

The verb LCSID now lets you deselect all items.

The P5_flag_1 for the edit fields has been repositioned to be always set to TRUE when the element loses the focus.

A bug was eliminated in the verb LIST CONTROL SELECT ITEM. An item of 0 now correctly deselects all items in the list control, while an item of -1 selects all items in the list control.

Prasetup

Recompiled to reflect the new help files.

Prutil

Eliminated the toolbar buttons.

Build 28

January 31, 2000

Pragma application now have the choice between the old Windows help and the HTML help. Read the section Help of the Pragma 5 manual for more information.



If you have already implemented the old Windows help, make sure to select it in the Various options, since the HTML help is selected by default.

A bug was fixed in the validation program that prevented the display of errors when validating FCS.

The verb LIST CONTROL INSERT ITEM has been modified so that whatever is added results visible.

The flag to disable the change of the font in a form has been eliminated.

When merging and the vocab contains an event verb that points back to a non-existing form the merge program now gives a warning message but no longer aborts.

The list items utility now has the option to display also the item ID.

The non modal utilities form editor and graphical editor no longer persist when not shown but get destroyed. In conjunction with this change many of the global P5 flags got changed. It is possible that some errors were introduced when displaying multiple forms when running P5 (not an application).

The utility graphical editor got enhanced. The form size can now be changed. The properties of almost all elements can now be edited in graphed.

The infamous error 616 has been eliminated from the form validation.

To the verb LIST CONTROL INSERT ITEM has been added the function EnsureVisible().

Build 29

February 14, 2000



This is again a build with lots of new stuff and many changes. Be careful with it and make sure that you have made a backup of your vocabulary.

A bug has been eliminated in the filemanager, introduced in build 26 when porting the C code to C++. Do not use build 26 to 28.

A bug in the event editor of the graphical editor prevented the creation of the init and term events of a form.

Two new verbs, TELEPHONE REQUEST MAKE CALL and TELEPHONE GET LOCATION INFO have been added. They are documented in the reference manual.

A bug has been fixed in the vocab validation that gave a crash when validating a vocab on a Windows 98 machine.

The object header of the definition editor has been reprogrammed as a dialog window.

Two bugs were eliminated from the graphed event option. One caused a crash when creating form init and term events, the other corrupted the unpacked form definition when saving an event.

A new option has been added to the graphical editor that lets you manage the objects of a form. You can

now delete form objects.



We made a small change to the DOS Window. A report now says that after use the function keys in the definition editor lock up. Please report immediately any problems. Thanks

The utility create PFM File dialog has been modified and options added. The interactive only verbs CREATE PFM FILE and EXTERNAL CREATE PFM file now display the create PFM file dialog. Some utilities have not yet been tested and refined.

Build 30

February 25, 2000

Form validation now displays the correct number of errors even when a event verb definition has 0 definition count (old error 616).

The utility List References now remembers the last listed file like View File Data.

The CTRL+BREAK routine has been rewritten in C++.

The start window is now displayed in the middle of the screen.

The script elements can now be edited in the graphical editor.

The creation of forms during execution and for the graphed have been simplified. The module CForm has been renamed CFormtemplate.

A bug was fixed in the verb object header that displayed upper ANSI characters wrongly and let you enter lower case letters when the flag uppercase only was true.

The styles of a form can now be edited from the graphical editor.

The verb WRITE PRAGMADES STRING now converts "^" to underlines.

Build 31

March 6, 2000

The modules FLTOBCD.C, ATOBCD.C and INTTOBCD.C have been consolidated in the module BCDMATH.C . The module KBDABT.C and RECEIVE.C have been eliminated. They had been transferred to C++ before.

The combo boxes of View file and List references now convert to uppercase if the flag is set.

The recap window has been made non-modal. This is a test to see if you like it.

The Script event editor now displays on the statusline also the id # of the event.

The utility to display an unpacked item has been moved from Prutil to P5.

In the utility Vocab list the list box has been changed to a list control. The option to show line numbers has been added.

The initialization of the Pragma.des parameters SEND TERM CHAR, RECEIVE TERM CHAR, RECEIVE PRECEED CHAR is now done in C++.

Bug was eliminated in the new button that launches a form from the toolbar. The problem was missing flag.

Before running a verb or a form from the Start dialog the Status line gets erased.

A bug was eliminated in the verb SET ELEMENT COLOR that redisplayed "" after setting a color.

A bug was eliminated that crashed P5 if a form was launched on top of a form. Bug introduced in build 30.

The terminate event verb of menu forms has been added.

Build 32

March 13, 2000

Small changes to the display of the graphed logic and its interaction with the edit bar combo.

To bypass the Windows 98 bug that does not see the file in a directory with a space in the name the code for the batch validation of all the files in a directory has been changed.

You can now trace expressions in the trace utility.

The recap window has been made modal when started from the Start window and non modal when started from the toolbar.

Four new message errors have been introduced in the validation utility. They are error messages 505 to 508.

A bug has been eliminated in the validation dialog that hanged P5 when the vocab was closed twice.

A bug has been eliminated in List elements that crashed P5 if the form did not exist.

The utility to export vocab to text has been moved from Prutil to P5.

The utility to view PFM data has been moved from Prutil to P5 and small inconsistencies eliminated.

A bug has been eliminated in the form creation that prevented the proper display of a different font for

the form.

Small changes to the verb ASSIGN COMMUNICATIONS. Added an error message and changed one.

The function file() has been ported to C++. A strange bug was discovered in the C++ compiler that yielded a wrong (negative) number when looking for the size of the data value.

The error 616 has been removed from the vocab validation.

The code to prevent the opening of two properties dialogs has been changed since it worked in Windows NT but not in Windows 98.

P 4

The delete window bug has been eliminated.

Build 33

March 19, 2000

A bug was eliminated in the recap dialog that caused a crash when the dialog was executed twice.

A bug was eliminated that at times during the second pass of merge caused event verbs to receive the same name as existing event verbs.

The create PFM file utility now correctly handles the short names.

The functions SetElementPropertyString() and SetElementPropertyWord() in vocab.cpp now create the property if it is missing.

The function file () has been returned to C due to continuing problems in C++.

The verb DOS WRITE has been enabled for upper ASCII characters.

The LIST REFERENCE grid has been changed to the system grid.

The machine ID is now displayed in the security options when the password is OK.

A new verb, LIST CONTROL ADD ROW, has been added.

The event double click left has been added to the list control element.

A new option has been added to the verb SET SYSTEM PARAMETER that changes the caption of a user menu.

The logic for the toolbar icons and combos has been rewritten.

P 4

The exe has been recompiled to incorporate the latest library changes.

Build 34

March 28, 2000

Printing. In the functions PrintSetFont() and DisplayFontDialog() the character set has been changed from ANSI_CHARSET to DEFAULT_CHARSET to enable the selection of non ANSI character sets. If you want to test a new print font, you can use the verb TEST PRINT LAYOUT in the Tutorial vocab.

The ability to trace expressions has been re-enabled.

The utility List elements now reads the form to display from the edit bar combo.

The item id number is now displayed for regular verbs and forms in the graphed.

When adding items to a List control element the annoying flicher has been removed.

A stupid bug (with 20/20 hindsight which bug is not stupid) was eliminated in the graphed - form scripts that displayed the wrong script at times.

Another stupid bug was eliminated that displayed the wrong comma character with decimal convention = europe.

The font for the edit bar combos has been changed to Ms sans serif.

The utility to import vocab has been transferred from Prutil to P5. Warning. It has not been tested nor updated yet.

The display code of the definition editor has been rewritten and standardized.

A new verb, LIST CONTROL ADD ROW, has been added.

A new option has been added to the verb SET SYSTEM PARAMETER that lets you change the caption of a Pragma 5 menu.

P 4

The exe has been recompiled to incorporate the latest library changes.

Build 35

April 05, 2000

An initialization bug of the start of the graphed was eliminated that caused a crash when the graphed was used repeatedly.

A bug has been eliminated in the CConvert function Colorref to Colorstring ().

The property background color has been added to forms.

The object name in the graphed now displays only upper case characters when the editor upper case only option is checked.

The utility to convert a file to text has been ported to P5.

Prasetup

Prutil has been eliminated from the release.

Build 36

April 20, 2000

A bug has been eliminated in the graphical editor that did not display upper ASCII characters correctly for the tooltip and tag properties.

A bug has been fixed in the Create PFM file utility that caused the vocab not to get closed at the proper moment. The vocab now does not get closed and files can only be created in the current vocab.

The functions Set FormPropertyString () and SetFormPropertyWord () in vocab.cpp now create the property if it is missing.

In the graphical editor the events list displays the number of lines (if any) of the event.

Build 37

September 6, 2000

A small change was made to the form combo in the edit bar so that the last form edited with graphed or run is always the one that gets shown.

The command line start option for Pride has been added.

The events Got focus and Lost focus have been added to the element Date and Time picker.

The properties Text background color and Text foreground color have been added to the Supertext element.

A bug has been fixed that caused the Pragma.des entry "View Files File" to keep growing and never to be removed.

Build 38

September 22, 2000

A stupid bug was eliminated that prevented the start message to enter caps only. The bug was introduced in build 37.

Two new verbs, LIST CONTROL ENSURE VISIBLE and PRIDE SEND CONTROL have been added.

The filename combo in the utility list references now scrolls horizontally if necessary.

A bug was solved in the Recap dialog. The edit field converts to upper case with the function MakeEditUpper().

To bypass the startup of P5 in runtime mode without deleting the PRAGMA.DES entry you put "EDIT" as first argument when calling P5.EXE. Of course this works only if the security is programmable.

When in Pragma 4 emulation and the decimal convention is set to "Europe", the dot (.) on the numeric keypad is remapped to a comma (,).

Build 39

October 05, 2000

Goliath

This is the first beta version of Goliath that incorporates Pride.

P5

P5 has been recompiled to be in sync. with Goliath.

In Tools, Options Goliath the Pride open connections options has been added.

P4

P4 has been recompiled to be in sync with Pragma 5.

The start options from Pride have been implemented.

Build 40

November 6, 2000

P5

The hour, minute and second can now be set in the Date and time picker element.

A bug has been fixed in the debugger that gave a random number when a noun value was changed to a too big integer.

The option to do a DOS READ without converting from Ansi to Oem has been implemented. It is documented in the reference manual.

A bug has been fixed in the edit field that prevented the entry of the decimal part of a number when the format string is written with a comma (European decimal convention).

Goliath

The task e-mail has been implemented. It is control number 105.

When adding a new task in the identity editor the properties list box is now updated.

Build 41

March 8, 2001

P5

The events get and lost focus have been added to the radio button and check box element.

The CONVERT DATA option 6 (convert to number) has been modified again so that spaces, plus and minus signs in front of numbers do not stop the Conversion to number.

The List control element background color can now be changed at runtime with the verb SET ELEMENT COLOR.

A bug was eliminated in the Create PFM file, create with program generator, that caused the creation of a wrong .DES file.

If you set or get certain properties of the grid with the verb SET ELEMENT PROPERTY or GET ELEMENT PROPERTY there was a crash. The not supported properties are now ignored.

The absolute path for PRAGMA.DES under Pride has been added.

A new noun, PROPERTY READONLY (PREA) has been added to the Standard Nouns. You can now set in the elements Edit field and Rich edit fields the property readonly at runtime with the verb SEP. You can get the property read only with the verb GEP.

Parameter 201 and 202 have been added to the verb GET FILE PARAMETER. Parameter 201 returns the size of any file. Parameter 202 returns the date and time any file was last modified, in the Pragma date and time format (like PUT TIME).

A bug has been eliminated in the Form editor that caused a vocab crash if a newly created element got

forgotten without first changing to another element.

An updated (4/16/1997) version of the Rainbow SENTC.LIB replaces the old library.

A correct display of upper ASCII characters has been enabled in the View Pragma.des utility and the verb WRITE PRAGMADES STRING.

Build 42

October 10, 2001

P5

It is now possible to trace numeric values. If no quotes are entered and the input is numeric, the trace will only look for numerical values.

In the definition editor a small bug has been solved, which caused a crash, if one steps with the TAB-key over the last line in a verb definition.

If one enters or changes the number of objects a verb one has to select an object before one can change its object name or prompt.

The option to only reset the lockflag of a file has been added to the batch validation.

Build 43

November 22, 2002

A bug was eliminated that prevented the change of the index number in the file headers.

A change was made in the verb READ SECURITY VALUE. Introduced the array Gb_Dongel.Values and flag P5_flag.dongelinit.

A new verb DOS DIRECTORY has been created. It creates or deletes a directory.

The rectangle that paints the colored form background has been inflated by one pixel to eliminate a black border.

A new verb, DISPLAY PICTURE DIALOG has been created. It displays in true colors picture files.

The element Picture Window has two new styles, 3 and 4.

Style 3 displays a true color picture in its original size. Style 4 displays a true color picture the size of the element rectangle. Only pictures from files can be displayed in these two new styles. The supported picture formats are BMP, EMF, ICO, JPG, GIF, DIB, WMF.

A bug has been eliminated in the verb LISTCONTROL SELECT ITEM that under certain circumstances

caused multiple selections.

A bug has been eliminated in the verb CONVERT DATA. An OEM to Ansi conversion was missing.

Goliath

The version number of goliath is 5.01-43. The build now follows the build number of Pragma. even if there are gaps in the build numbers of Goliath.

Goliath is a standalone program. Small changes in the way Winamp is managed. Pride is not incorporated.

Build 44

December 9, 2002

Do not use this build at a client's site before it has been thoroughly tested.

The standard noun OPERATING SYSTEM NAME now recognizes Windows XP.

The verb GET SYSTEM PARAMETER now returns volume name, serial number etc. See the reference manual for more information.

The element grid can now be moved and resized at runtime with the verb SET ELEMENT PROPERTY.

The verb VARIOUS VERBS can now display from within a program the four validations.

The shortname in the file header dialog can now have 16 characters, not just 8. Let us know if there are other places where the shortname has to be lengthened.

When accessing with the verbs LR and XLR the list references dialog the correct filepath is displayed. When accessing with the verbs CPF and XCPF the create PFM file dialog the correct filepath is displayed.

The Goliath security has been improved. The full name of the computer that requests a security is now used.

Goliath

The full name of the computer that requests a security is now used.

Build 45

February 9, 2003

A new verb, EDIT FIELD SET FOCUS, has been created. It lets you display a range of selected

characters in the edit field. The new verb is documented in the Pragma reference manual.

Build 46

September 28, 2003

A new style has been added to the Picture window element. Style 5 redimensions (stretches or squeezes) the true picture to fit the picture rectangle without changing the proportions of the picture.

When usage of the verb SET ELEMENT PROPERTY with the element Month calendar has been made more user friendly. When entering a wrong date or a null string there is no longer a crash.

Oops. A bug was introduced in build 44 with a cut and paste that concerned the verb SET ELEMENT PROPERTY, property horizontal position. It has been eliminated.

Build 47

December 26, 2004

A bug has been fixed in the verb SPLIT that gave a wrong result when using INTEGER or FRACTION as an argument for SPLIT.

When running in runtime mode with a runtime password it is not possible to go to start, even with a small vocab. A change has been made in the security scheme to go to demo mode and start if the vocab is small enough and the entry PRARUN in PRAGMA.DES has been eliminated.

A new noun, PROPERTY FORMAT STRING has been defined. It must be used with the verb SET ELEMENT PROPERTY and it lets you set at runtime the property Format string in the elements Edit field and Rich edit field when the property Text input style is 5.

2005-09-28

logo.gif, lip_upd.gif, stop.gif, exclam.gif
p5_updat.htm