

4D 15.2 Release notes (all products) - April 12, 2016

4D - 4D Server

ACI0068985 Method Editor: Auto complete on method's name slow if there are many methods (32767 methods).

When there are too many methods (e.g. more than 32,000) with a matching in the beginning of the names, the auto-complete of a method name in the method editor takes a while to complete.

ACI0078377 Duplication of a listbox with an invisible column: the column is not displayed in the new listbox.

In Development mode, if you duplicate (via a Cmd+'D' on Mac, or Ctrl+'D' on Windows) a listbox having a column with invisible property checked, this column is not visible in the new listbox. You have to close the form and re-open it to see the column.

ACI0080477 Listbox: issue when duplicated longint column with time format display.

In a listbox, the duplication of a longint array column prevents to use a time format display for the duplicated column.

ACI0082692 'LISTBOX INSERT ROW' doesn't insert at the right position.

'LISTBOX INSERT ROW' doesn't insert at the right position: it always inserts at position #1

ACI0085300 Duplicate converted Scrollable areas creates duplicated object names (same names)

Duplicate or copy/paste converted Scrollable areas (Scrollable area (v12 and before) become listbox (v13 and after)) create duplicated object names: footers and headers have same names.

ACI0085311 Problem with command 'PLAY' which cannot be stopped.

There is a problem with command 'PLAY' which cannot be stopped. Mac only.

ACI0086716 A non-existent DOM element might have a not null reference.

A command like 'DOM Get first child XML element' may return under some conditions a not null XML reference (different from "000...000") for a non-existent element.

Now the issue is fixed and the returned reference is null ("000...000").

ACI0089253 The character "*" still in the windows title whereas form has been saved.

The star character ("*") in a form window title that allows to know a modification has been done can never disappear after saving the form. Same thing for a method.

ACI0089829 \$1,\$2,\$3... & \${1} behave different when default numeric type is real.

The syntax of parameter \$1,\$2,\$3, ..., and this syntax \${x} (i.e. \${1}, \${2}, ...) lead to a different behaviour when these variables are of Real type.

ACI0089945 Display problem for fields that contain Arabic data.

Display data problem for certain fields in Arabic: the data are not displayed if they contain less than eight characters.

ACI0090056 Default HTML Root is not correctly referenced in a built application.

In a built application, the Default HTML Root location is not correctly displayed in Web Settings.

ACI0090073 The call of 'OBJECT Get list name' or 'OBJECT Get list reference' that doesn't work.

After executing commands 'OBJECT SET LIST BY NAME' or 'OBJECT SET LIST BY REFERENCE', the call of 'OBJECT Get list name' or 'OBJECT Get list reference' doesn't work with hierarchical list.

ACI0090701 Compiler: 4D quits while running the 'Check syntax' tool.

While running the 'Check syntax' tool, 4D crashes due to the following erroneous 4D code:

```
$a:=0
```

```
$b:=0
```

```
$b:=Method2 {$a}
```

It now produces the error: "The variable is not an array."

ACI0091008 4D commands displayed as ":xliff" on 4D Server.

In the debugger, 4D commands display ":xliff" instead of the command name and its syntax when getting the mouse over the command name.

ACI0091153 Long click management: ergonomics problem.

After a long click on a method name in the explorer to edit it, an unnecessary white space at the end of the edit area appears; clicking in it terminates the editing.

ACI0091831 Error on restarting the 4D Web Server.

If you stop and relaunch the 4D Web Server, after having sent some requests, an error might occur on the Web server at time relaunch, with the impossibility to publish the database.

ACI0092129 Printing: Saving to PDF crashes when 'SET PRINT PREVIEW' to true on mac.

Since 4D v14, printing into a PDF file crashes when 'SET PRINT PREVIEW' to true on mac.

ACI0092296 4D stops responding when trying to select the item at position 0 of a hierarchical list.

4D stops responding when trying to select the item at position 0 of a hierarchical list using "SELECT LIST ITEMS BY POSITION" command.

ACI0092339 SQL Views: column names not respected.

When calling the view inside 4D and sending the result to a listbox, the column names sent are wrong: instead of FullName you get .

If you have two calculations you will get two columns with the name . An error is returned if the view is called from SQL Server via Linked Server (i.e. 4D is a linked server).

ACI0092351 The storage type "In record" of the Object field is not retained.

The storage type "In record" of the Object field is not retained.

ACI0092586 URL is separated and does not work in text variables if a bracket is in it

When having a URL in a text variable/field (multi style) the URL will get underlined and blue colored and you can ALT+Click the link to open the URL in the browser. Yet, when there is a bracket in the URL it gets broken (the link only works with the part before the bracket).

ACI0092753 On Windows system, pop-up in Query editor is too small to display Japanese characters.

When a date range is specified in the Query Editor, the static preview text is partially hidden behind the pop-up menu.

ACI0092821 Database can't be opened if the 'DataFilePath' key contains a relative path data file.

If the 'DataFilePath' key contains a relative path data file name different from the structure name, the built application can't find the data file.

ACI0092900 'PROCESS 4D TAGS' takes too much time to be executed.

The execution time of the 'PROCESS 4D TAGS' command does not depend of the total number of 4D tags in the input stream but of the total number of text lines. As a consequence, it takes much more time to execute the command.

ACI0092932 OBJECT SET SCROLL POSITION (* ; object;vPosition;hPosition) doesn't work correctly with a hierarchical listbox

The 4D command 'OBJECT SET SCROLL POSITION' used with the optional parameter "hPosition" doesn't work correctly with a hierarchical listbox. A wrong value is used instead of the one expected.

ACI0093022 Fuzzy radio button on Mac OS.

Radio buttons displayed by 4D are fuzzy compare to radio buttons displayed by Mac Operating System.

ACI0093091 Problem with accented characters in a SQL query.

Sometimes when the SQL query contains accents, the results are distorted.

ACI0093095 "On data change" event is executed twice for every entered character

"On data change" event is executed twice for every entered character in the widget SearchPicker; so this will send two requests to server per query.

ACI0093098 Display of font in list box with vertical align "center" or "bottom" is missing the descent (too low).

Let a listbox with "ヒラギノ角ゴ ProN W3" font setting and the line height to "1 line with the vertical alignment to "middle" or "bottom". When running the list box, the descent part of the form is out of bounds. Characters such as "qpyj" or "ç" are partially lost.

ACI0093137 Unexpected error while compiling code where umlauts is used in a custom constant.

Unexpected error while compiling code where umlauts is used in a custom constant.

ACI0093179 Wrong User-agent HTTP header sent by the web area.

On Windows, for a classical web area, the "User-Agent" field sent by the web area is incorrect if IE 11 is installed.

ACI0093236 Toolbox password confirmation does not check confirmation password.

In the toolbox, when editing the password dialog for a user, if you enter a data in the "Confirm Password" area which is different from the data that you've entered in the "New Password" area, an alert is displayed "an error occurred during password edit". If you click on "OK" button then click again on "OK" button, the password is changed: the check is meaningless.

ACI0093284 Memory leak with 'GET TEXT KEYWORDS'

There is a memory leak with the command "GET TEXT KEYWORDS" when using parameter "*".

ACI0093304 'LISTBOX Get rows height' can return wrong height if font size is changed.

If the command "LISTBOX Get rows height" is called in the code just after changing the font size, it returns a false value (line height before font size change).

ACI0093391 Lock icon of user form properties inconsistent.

After locking and unlocking a user form and its properties, the lock icon becomes inconsistent.

ACI0093392 Unlocked properties of a user form cannot be shown.

Edit unlock properties of user forms doesn't work.

ACI0093432 Insufficient memory for a process under some circumstances.

Under some circumstances, a process called several times (like in a loop) may crash the 4D application on Windows platform.

The process memory stack size has been improved now to avoid such issue.

ACI0093451 Unexpected runtime error with the About of 4D.

The About 4D dialog is dependent on 4D TAGS; it displays an unexpected runtime error if compatibility settings "use brackets" is used.

ACI0093464 Bad compression of pictures.

Bad compression of pictures and the compression ratio is not correct.

ACI0093488 Syntax SQL LOGIN("4D:[your_db_name]...") doesn't work.

The command syntax SQL LOGIN("4D:[your_db_name]...") doesn't work and generates the error 9918.

ACI0093505 Check box: the state of the space key change issues when Japanese IME is turned on.

When you have the Japanese IME turned on, you cannot toggle the status of check-box using space bar; the space bar does not have any effects on the check box.

ACI0093534 Dynamic menu bar is not retained after closing a window with no menu bar associated

A dynamic menu bar is assigned to a window. On top of the window a second window opens with no menu bar attached. If this second window is closed, it could happen, that the dynamic menu bar of the first window is lost.

ACI0093535 Entering date problem in a listbox

In a listbox you can't edit or enter correctly a date in listbox when entry date format is a 4-digit year.

ACI0093545 Invalid protocol "image: //" used with 'HTTP Get' crashes 4D.

Using an invalid protocol, like "image://" instead of "http://" leads to a crash if using 'HTTP Get'. The problem happens in the DNS query.

ACI0093615 'SQL GROUP BY' command returns one row when no records meet criteria.

'SQL GROUP BY' command returns one row when no records meet the criteria. It should not return any row. That WHERE condition is impossible to meet. The number of returned rows should be zero, not one.

ACI0093623 Duplication of a listbox with an invisible column: the column is not displayed in the new listbox.

In Development mode, if you duplicate (via a Cmd+'D' on Mac, or Ctrl+'D' on Windows) a listbox having a column with invisible property checked, this column is not visible in the new listbox. You have to close the form and re-open it to see the column.

ACI0093680 Display problem when displaying styled popup menu.

With a styled pop menu, the space on the right of items disappears totally, until truncating the last letter.

ACI0093682 Colored listbox footer prevent to display correctly footer grids.

If in the listbox one footer field is colored (set by programming or properties), the horizontal and vertical footer's grids disappear.

ACI0093708 Bad display in a multi-style variable with a specified format

Bad display in a multi-style variable with a specified format: the span could be visible.

ACI0093717 Scheduled backup changes date after manual backup.

A manual backup breaks a scheduled backup: the day of the planned backup can change.

ACI0093734 Lines of listbox footers grid are not displayed on Mac.

On Mac system, separation line of footers and records (cells) is not displayed (Application and Development mode). Same thing for separations between footers.

ACI0093744 A click on an empty comboBox can crash 4D.

4D crashes when clicking on a comboBox supplied with an empty list.

ACI0093751 A method call from the Expression Pane of 4D Debug window may lead to a crash.

A method call from the Expression Pane of 4D Debug window may lead to a crash. Windows system only.

ACI0093755 Unexpected display of a list in Query dialog.

If there is a list with an empty name, opening the Query dialog displays unexpectedly a window containing items related to this list with empty name.

ACI0093758 'METHOD SET CODE' fails to tokenize SQL blocs with tabulations or spaces.

'METHOD SET CODE' fails to tokenize SQL blocs with tabulations or spaces before the "Begin SQL" or "End SQL" statements.

For example, when executing the following code: METHOD SET CODE("toto";"begin sql\rselect * from A\r\tend sql") in the newly created method "toto", the code is not correctly tokenized and won't be executed correctly. This can be checked by looking at the code editor or preview. The "End SQL" statement is not properly colored nor capitalized.

ACI0093761 A JavaScript expression evaluated as a function does not work on windows native web area.

On Windows, the command 'WA EXECUTE JAVASCRIPT FUNCTION' does not get the computed values of javascript native functions (as Date.parse) when it is executed in a classical web area.

ACI0093770 Color of markers seems not saved.

The change of markers color is well saved but the preview in Preferences dialog is always black at the opening.

ACI0093774 SVG picture not displayed correctly after saving it by programming.

When an SVG picture is saved by programming (commands "SVG export_to_picture" and "SVG_SAVE_AS_PICTURE"), the content of the SVG file cannot be displayed correctly (No problem if saving with SVG Viewer).

ACI0093790 'DataFilePath' build XML key not working with alias on datafile when you build auto-executable application.

'DataFilePath' build XML key not working with alias on datafile when you build auto-executable application.

ACI0093793 'ACCEPT' at the same time as a drag and drop can lead to a crash.

The command 'ACCEPT' executed at the same time as a drag and drop can lead to a crash. On Windows system only.

ACI0093799 Display hierarchical listbox: if hierarchical column haven't got the same size, 4D crashes.

Display hierarchical listbox: if hierarchical column haven't got the same size, 4D crashes.

ACI0093826 Accents or umlauts in method names prevent them to be launched.

Accents or umlauts in method names in database structure converted from version v2004 prevent them to be launched: an unexpected error is arisen.

ACI0093832 Modify a variable attribute while printing or displaying doesn't work correctly.

While printing or displaying, the modification of the color, the style or the font of a variable is not taken into account if the property multi-style is used.

ACI0093848 Form events will not be triggered on 4D Write Pro areas.

A form event on 4D Write Pro areas will not be triggered in compiled mode. Also in interpreted mode with Mac OS X 10.10.x (Yosemite)

ACI0093873 Bad values with PRINT OPTION VALUES (Paper option).

On Mac system, PRINT OPTION VALUES (Paper option) returns the reversed results.

ACI0093883 Incoming HTTP request containing a SPACE in URL causes a 505 status code.

Incoming HTTP request containing a SPACE in URL causes a 505 status code instead of 200. No problem if there is %20 instead.

ACI0093885 Wrong color with "OBJECT SET RGB COLORS".

On Mac OS X system, in some conditions, the command "OBJECT SET RGB COLORS", doesn't apply the good RGB color to the chosen object.

ACI0093895 Unexpected error returned when deleting a picture in Toolbox dialog.

An error #-20001 is returned when deleting a picture from toolbox, tab "Pictures".

ACI0093913 'IMPORT DATA' command ignores "windows-1250" character encoding.

When importing files in "windows-1250" character encoding using 'IMPORT DATA' command, the import is wrong because it is done in UTF-8 character encoding.

ACI0093915 4D window remains in 'inactive' mod after displaying a modal dialog.

An active 4D window, becoming 'inactive' after a display of a modal dialog, stay in that mode when closing the modal dialog.

ACI0093916 Problem with 'Print form' and markers

In some cases the separation line of the header and the body is repeated for each line while printing.

ACI0093919 Problem using the keyboard "UP" and "DOWN" in a variable while a data entry widget is in the form.

Problem using the keyboard "UP" and "DOWN" in a text variable while a data entry widget is in the form: the cursor doesn't move in the variable, and value in the widget changes.

ACI0093970 Bad characters in the compilation dialog on a Japanese operating system.

When compiling a database that includes errors in a method in the compiler dialog, the information is displayed wrongly in Japanese (bad characters).

ACI0093982 4D crashes if canceling Licenses dialog and selecting a free 30-day evaluation.

Opening and closing ("Cancel") the licenses dialog, and then selecting a free 30-day evaluation from the Welcome Wizard leads 4D to a crash.

ACI0093988 Error in user parameter list (paramErr) with 'CONVERT FROM TEXT' on Mac OS with Japanese characters.

When running, for example, the following code:
CONVERT FROM TEXT ("高橋高橋高橋";"iso-2022-jp";\$data)

The text is not converted and an error in user parameter list (paramErr) is displayed.

Note that a same error is reported with Internet Commands (4D I.C.) since supporting ISO-2022-JP.

ACI0093996 Unexpected character after exporting HTML file from Quick Report

When exporting an HTML file from the Quick Report editor, the resulting file end up with a space character after each label in the cells.

ACI0094002 Modification of an SVG does not modify the DOM tree.

Modification of an SVG does not modify the DOM tree. So this modification could not be saved.

ACI0094008 Automatic update of 4D OEM Client fails with IP Port specified in structure settings.

When a 4D OEM Client connects to a more recent 4D OEM Server, with automatic update, the IP Address and Port number saved in the temporary file "Info.json" are not the current values. Therefore, after completion of the update, the new version of 4D OEM Client is unable to reconnect automatically to the 4D OEM Server.

ACI0094010 'Internal date long' in Japanese OS is incorrect.

Internal date long display format is wrong in Japanese.

Giving the following date: October 29th 2015, it displays "10月 29, 2015". It should display "10月 29日 2015".

ACI0094035 Event handling between windows in several process fails

Event handling between windows in several process fails: a focus on a subform may prevent a good event handling.

ACI0094042 Copy/paste from Internet Explorer to 4D: content truncated

Pasting in a styled text area a text copied from Internet Explorer truncate the content.

ACI0094058 Crash of 4D when a 4D method is called by 4D Mobile.

If a 4D method is published for 4D Mobile and if the 'HTTP Get' command is used in this method, the 4D application will crash when the method will be called by 4D Mobile.

ACI0094061 Changing object type from variable to field removes stylesheet and grows height by 1.

Changing object type from variable to field removes stylesheet and grows height by 1.

ACI0094085 Listbox: delete array element and display Alert before redraw crash

If a list box element was deleted and an alert opens on top of the list box before the list box was redrawn 4D could crash.

ACI0094096 Animated GIF with alpha channel placed on form is not fully refreshed on screen.

Animated GIF with alpha channel placed on form is not fully refreshed on screen: the transparent pixels do not clear in animated GIF frames.

ACI0094103 Font Picker Dialog, some missing localizations.

On Windows, the Font Picker dialog title is always "Font". Whatever the system language, it is not localized.

ACI0094110 'OBJECT Get horizontal alignment' doesn't return correct value with a plugin area.

'OBJECT Get horizontal alignment' doesn't return correct value with a plugin area. It returns always 0.

ACI0094128 The buttons "<" and ">" in Property list palette just don't work.

The buttons "<" and ">" in Property list palette, used to skip from an object to another, just don't work. It just beeps

ACI0094129 'LISTBOX Get information' could not return correct information.

'LISTBOX Get information' could not return correct information while using it with the command 'FORM LOAD'.

ACI0094135 Bad printing of a SVG picture if it contains a 'tspan' in a text area.

Bad printing of a SVG picture if it contains a 'tspan' in a text area: the printing could be done with a 400% scale

ACI0094147 Administration Window: "Windows 8" instead of "Windows 10".

In the Administration window of 4D Server (default tab), the information about the current OS is wrong for Windows 10: it displays "Windows 8, 64-bit" instead of "Windows 10, 64-bit".

ACI0094155 External web area could crash when form closed before loading is complete.

If an external web area is closed before the current page loading operation is completed, 4D could crash.

ACI0094156 Unexpected lines when generated a report

When making a quick report that displays data containing one or more spaces, the quick report is generated with many unexpected lines as much as there are space character in the data.

ACI0094158 'ACCEPT' in On Outside Call form event does not close form

When the command 'ACCEPT' is called in a form method within the On Outside Call, the form is not closed until another event happens. Then, it doesn't go back to list form.

ACI0094161 Indexes not rebuilt correctly if field type has changed.

When a structure file has been modified and is used on a previous data file corresponding to the previous structure, 4D do not rebuild correctly indexes of the field type that has changed or deleted.

The MSC could return these errors:

- "Problem in NULLS cluster of Index 118 on [n/a] index: Address is invalid (26;65)"
- or "Problem on index definition Index 2 on: Wrong data type number in index (16;136)"

The Index are now deleted and/or rebuild correctly.

ACI0094179 Objects with an appearance unexpectedly enabled because of its colour assigned.

Objects (like check boxes, radio buttons, popup, ...) which have a specific colour assigned (not 'Automatic colour') can have its appearance 'enabled' whereas it should not under some circumstances.

ACI0094185 The 4D SQL engine doesn't accept to have an alias that has the same name as a table.

The 4D SQL engine doesn't accept to have an alias that has the same name as a table.

ACI0094187 Wrong spell checking after adding custom dictionaries.

After adding custom dictionaries that contain a large amount of words, when running the application spell checking still marks words in the custom dictionary file as incorrect.

ACI0094189 4D stops unexpectedly when using an empty combo box.

4D stops unexpectedly when hitting down arrow in an empty combo box.

ACI0094196 Mouse move events not fired in Pop up form window.

When a form is opened in a Pop up form window type, the On Mouse Move event is not fired ; e.g. a List Box object. This bug only occurred on Windows.

ACI0094208 Formula editor that goes behind the Quick report editor unexpectedly.

Problem with Formula editor that goes behind the Quick Report editor unexpectedly after triple clicking on a column header.

ACI0094209 The "Remember Password" Option for a build client is missing.

The "Remember Password" Option for a built 4D Remote is missing.

ACI0094212 Char 0x00 unexpectedly imported through the Import dialog.

When importing text file to 4D database via the Import dialog, when it ends with text data, the last alpha data may contains 0x00 character.

ACI0094214 Form modification indicator not updated after deleting an object form.

Form modification indicator not updated after deleting an object form. Mac only.

Reminder:

- On Mac, the indicator is the black dot in the red closebox button,
- On PC, it's the character "*" added after the form name in the title bar.

ACI0094215 CTRL+ALT+(2,3,Q,E) or AltGr+(2,3,Q,E) doesn't create symbols in 4D View or 4D Write.

With some languages, the symbols @, €, etc... are created with the keys CTRL+ALT+ (2,3,Q,E) or AltGr+(2,3,Q,E). In 4D Write and View the symbols aren't created.

ACI0094252 4D crashes if 4D Write get maximized by clicking the zoom box.

4D crashes if 4D Write get maximized by clicking the zoom box.

ACI0094264 Subform: The content of the variable is not display after calling 'OBJECT SET SUBFORM'.

Subform: The content of the variable is not display after calling 'OBJECT SET SUBFORM'.

ACI0094283 The command 'Clickcount' doesn't return the value 2.

The command 'Clickcount' never returns the value 2. It is no longer possible to double click on a column header to edit the formula because the test "If (Clickcount=2) ..." is never true.

ACI0094285 The text of a Boolean pop-up showed in a list box can have its color changed when the mouse is over it.

The text of a Boolean pop up, showed in a list box changes the color if you hover the mouse over the text. Only if the element is highlighted.

ACI0094286 'HTTP SET OPTION' command doesn't clean authentication.

'HTTP SET OPTION' command doesn't wipe off the authentication.

ACI0094302 User forms can't be open with an engined database (standalone application)

The command 'EDIT FORM', in a command in a standalone built application, open but quickly close the wanted form.

ACI0094332 Japanese characters get corrupted in Quick report when converting from v14 to v15.

Japanese characters in the formula editor of Quick report are broken after a conversion from v14 to v15

Let the following code v14 in the formula editor: (Num([Table_1]Field_2=0)*"現金")+(Num([Table_1]Field_2#0)*"C D")

If you save it as a '.4QR' file and then move on to v15 and the .4QR file, the Japanese characters (in this case, "現金" and "C D") are broken and non-readable.

ACI0094333 Copy and Paste, incompatible with MS Word 2016

Copying 1 line of a multiline text from word 2016 can contain unexpectedly chars 0 and 10 transported into 4D string or text field via the pasteboard.

ACI0094346 4D allows C_OBJECT field holding wrong value {"": ""}. Risk of damaged data.

4D allows empty string property name to be saved with record in C_OBJECT field. You can enter {"": ""} in the field. Once saved, it is impossible to access the record holding it ; 4D crashes. Trying to delete the record using both 4D and SQL commands damages data file.

ACI0094370 'LISTBOX GET CELL COORDINATES' returns wrong coordinates with hierarchical listbox.

'LISTBOX GET CELL COORDINATES' returns wrong coordinates with hierarchical listbox.

ACI0094374 Cannot change password from login screen.

If you try to change the password from the login screen, and confirm the modification by OK button, there is an error message.

ACI0094399 In some circumstances, assigning a value to the header of a listbox column is not taken into account.

If you execute code that modifies the contents of a listbox column, and afterwards subsequently modifies the header variable value of this column, then this last modification is not taken into account.

ACI0094402 'Open window' returns 0 with window type equal to 2, and with a close box.

The 4D command 'Open window' returns the value 0 instead of the reference expected when using a window of type equal to 2, and when using a close box method on Mac OS X system.

ACI0094416 Quick report: Save file dialog goes behind the Quick report dialog when saving report.

When saving a report on disk, the save file dialog goes behind the Quick report dialog because of the 4D Pop component presence.

ACI0094440 No wrapping with text field in Report editor.

The quick report doesn't wrap the line in a text field to fit correctly the width of this field automatically.

ACI0094456 Web Area events not fired when the process window is hidden.

When a Web Area is displayed inside a hidden process window, some events like "On End URL Loading" or "On URL Filtering" are not triggered.

ACI0094459 The escape key doesn't allow to close a pop-up window.

The escape key doesn't allow to close a pop-up window, despite the presence of a shortcut.

ACI0094479 Listbox not enterable if "On Getting Focus" AND invisible Array assigned.

Since the v15.1 Hotfix 1, a listbox is no more enterable if has "On Getting Focus" event assigned and using the invisible Array feature.

ACI0094492 The use of the syntax \${1}:=... cannot compile.

Since the v15.1 hotfix 1, the use of the syntax \${1}:=... cannot compile. Unexpected error: "Invalid Constant Type".

ACI0094497 "Switch continuously on Clicks" enabled even if the property is disabled.

With 4D v14.4, and with a 3 states button with "Switch continuously on Clicks" property disabled, the continuous switch still occurs when the button state changes.

ACI0094546 Records open slowly if large text is saved in a field.

If there is a text field with a large text saved in it, 4D loads extremely long to open and close the record.

ACI0094547 In the method editor, lines beneath a disclosure triangle of a code block don't line up with the edge of this triangle.

In the method editor, on Mac OS X, lines beneath a disclosure triangle of a code block don't line up with the edge of this triangle.

For instance with a 'Case of ' statement, the disclosure triangle of a 2nd condition overlaps the line from the disclosure triangle of the 1st condition.

ACI0094553 The command 'WEB GET HTTP HEADER' returns empty arrays when this command is called by an shtml web page.

The database method 'On Web Authentication' is always called when an shtml web page is sent by the web server of 4D. In this condition, if the "WEB GET HTTP HEADER" command is used in the database method then it will return empty arrays.

ACI0094557 Crash when pressing Escape on a maximized window

Crash when pressing the escape button on a maximized window. Problem happens on single user and client/server mode. The crash only happens on Mac OS 10.11.

ACI0094583 Problem of synchronization between menus bar and dialogs when several process are used.

Since the v15.1 Hotfix 1, a problem of synchronization between menu bar and dialogs appear when several process are used.

ACI0094591 4D issue when dereferencing a pointer.

Dereferencing a pointer element within "Size of array" command, leads a 4D blocking issue.

ACI0094612 Duplicated table name in query editor when attempting a second search.

If you perform a query with the query editor, the second time you open the query editor you will see something like: [Table_1][Table_1]Field_1

The table name is duplicated.

ACI0094620 'METHOD SET CODE' does not work properly with Web Services methods.

Creating a project method with "METHOD SET CODE" command, with attributes "Offered as Web Service" and "Published in WSDL" enabled, does not allow to use it, automatically after its creation, with the command "WEB SERVICE CALL"; an error is then generated.

ACI0094644 Every keystroke entered in formula editor opened from old Quick Report appears twice.

Entering a formula in formula editor opened from the old Quick Report editor (32 bit) appears twice.

ACI0094647 Redraw/display problem with object listbox after sort a column

If you sort a 4D View Pro Listbox, the items from column 1 and 2 doesn't match anymore. For example column 1 contains a description, column 2 contains a number and a button which is possible with 4D View Pro. Now the Button stay at the same position while the rest is change during a sort.

ACI0094697 "WA EXECUTE JAVASCRIPT FUNCTION" can't use simple type object (Integer, boolean, ...) without integrated Web Kit.

Simple types (longint, boolean...) couldn't be processed in a Web Area that does not use the integrated Web Kit as rendering engine. Now, this is possible.

ACI0094733 On Mac OS X 10.11.x ('El Capitan'), too much memory is used when loaded fonts.

On Mac OS X 10.11.x ('El Capitan'), too much memory is used when loaded fonts.

ACI0094770 Pop-up ineffective in the object library editor.

The pop-up to choose objects by category doesn't work in the object library dialog.

ACI0094935 Impossible to remove Designer password

Since the v15.1 Hotfix 2, deleting the Designer password is no longer possible (via the confirmation dialog in the ToolBox). Instead of being deleted, an unexpected error occurs when trying to delete the password.

4D View

ACI0086874 Ctrl +Alt + char(2,3...) creates two chars in 4D View instead of one.

Depending of the keyboard type (Swiss, German, ...) and or the system language, the key combination CTRL + Alt + key could display 2 characters instead of 1.

ACI0093027 Shortcut 'CTRL + ALT +I' in 4D View does not work correctly.

Shortcut 'CTRL + ALT + I in 4D View does not work: it doesn't add a new row.

ACI0093455 Wrong colour in 4D View cells.

The use of the command 'PV SET CELL PROPERTY' to set a cell colour cannot set the colour expected.

ACI0093501 4D View automatic calculation always enabled.

The "Automatic calculation" mode of 4D View is always activated. Changing the status in the "Tools" menu has no effect.

ACI0093707 'PV Color to index' always returns 0.

Since 4D v14, calculation the index value of an RGB color returns zero for all given color values.

ACI0093887 Wrong text colour when selecting a 4D View cell.

Wrong text colour when selecting a 4D View cell.

ACI0093995 Issue with accented characters after a Quick Report print to 4D View.

Exporting a semi-automatic quick report to 4D View doesn't work correctly on PC: Accented characters are not displayed properly in 4D View.

4D Write

ACI0091544 'WR PICTURE TO AREA' command does not work correctly when running it on the server.

'WR PICTURE TO AREA' command does not work correctly when running it on the server: it cannot load picture and print it on a file.

ACI0093926 Dragged text is duplicated in 4D Write.

Dragging text without ALT key pressed is no more moved but duplicated in 4D Write.

ACI0094438 4D Write has no cursor when form was opened by listbox.

In some circumstances 4D Write had no cursor. This could happen when the form with the 4D Write Area was opened by double clicking a listbox.

Driver ODBC

ACI0093589 MS Query stops unexpectedly when updating a field.

When editing records is authorized (SQL UPDATE), MS Query stops (or crash) unexpectedly when a field is modified.

ACI0094039 SQL requests fail from WinDev HFSQL tool

With 4D ODBC Driver, you cannot execute correctly SQL requests from WinDev HFSQL tool.

Now, a checkbox called "WinDev" has been implemented to solve this issue. This checkbox is located in the ODBC Data Source configuration pane.

If you use WinDev HFSQL tool, you have to check it.

4D Internet Commands

ACI0093713 A value lower than -32768 in 'IT_ErrorText' may lead to a crash.

Passing a value lower than -32768 in the command 'IT_ErrorText' may lead to a crash. Mac only.

ACI0093941 'MSG_Extract' command with characters ' /, \, :, *, ? , " , , | '

When an email contains an attachment which has one of the following characters ' /, \, :, *, ? , " , , | ', the returned array from 'MSG_Extract' command will contain completely other file names than the ones written to disk.

ACI0093983 In an e-mail, the 'Subject' always contains "?utf-8?"

Despite the use of the SMTP_SetPrefs command to define a charset other than UTF-8, the 'Subject' of the received email (sometime also the 'content-type') still contains "?utf-8?".

ACI0094150 Wrong charset in header

Instead of "utf-8", it can be "utf - 8" in the header: unexpected spaces. It can happen also with other information, like:

us-ascii

iso-8859-1

iso-2022-jp

iso-2022-kr

iso-2022-cn

hz-gb-2312

ACI0094210 'Pop3_MsgLstInfo' may lead to a crash depending the ID returned.

If you try to get info from a mail that returns a very long and maybe not valid id Pop3_MsgLstInfo crashes.

Reminder: There is a limit of 63 chars for the UID. If there are several dots in the id it's truncated to the last dot.

ACI0094227 'SMTP_Body' text get cut off after "€" character.

Only with 4D Internet commands v15.1, using the command 'SMTP_Body', the "€" sign is send as "?" sign and the text following after the "?" is cut off (cut off Mac only).

Note: Don't forget to set preferences. For instance: \$err:=SMTP_SetPrefs(-1;15;-1)

ACI0094431 4D Internet Commands do no more send German diacritical chars like "ä", "ö", "ü", or "ß".

German diacritical chars in the name of an attachment are converted to not displayable chars when mail is sent.

4D Pack

ACI0094548 4D Pack: "AP FULL SCREEN" in engined mode

The 4D command "AP FULL SCREEN" from the 4D Pack plugin in a self executable application doesn't work correctly: the screen is not in full screen mode.

Installer for Windows

ACI0094911: 4D installers for Windows don't embed yet the secure hash algorithm SHA-256 (SHA-1 is currently used) requested by Windows 10. Microsoft browsers (Edge, I.E.) can prevent or warn for downloading.

Workaround: use some other browsers (Chrome, Firefox, ...) to download without constraint.

Known Issues

ACI0094410: Some fonts don't appear in the list of the label editor (like some printing fonts).

ACI0094638: In certain circumstances, the first click on SAVE or CANCEL button does not work in a form.

ACI0094646: Creating new SQL schema replaces existing default schema instead of been added.

ACI0094710: Invisible cursor in a listbox cell because of a Popup window.

ACI0094725: Records open slowly if large text is saved in a field.

ACI0094775: Scrolling doesn't work correctly if there are locked columns in listbox.

ACI0094778: Unexpected error message ("... can't install manifest") because an application (Anti-virus, ...) attempt to access a folder of the 4D engined application launched.

ACI0094792: 4D Internet Commands: Non-ASCII characters and all characters after the first appearance of a non-ASCII character are not included in the sent mail body.

ACI0094820: Some accented characters problems when opening '.4QR' files (Quick Report) created with v14.x are fixed with v15.2. Yet for '.4QR' files created with v15.0 and 4D v15.1 Hotfix 1, it is necessary to use 4D code patch to use it with v15.2; else, the file will be lost. Contact Technical Support for details.

ACI0094853: The SVG Area demo is no more available in v15.2 installers. It will be provided differently.

ACI0094895: Issue when building engined application on Mac OS X 10.11.4 : The GateKeeper can prevent to launch the application. Workaround: Lower the GateKeeper level ("System preferences : Security and privacy : General : Allow apps downloaded from"). No problem with Mac OS X 10.11.3 .