extend 9.2.1

Release Notes

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extend Release notes

These release notes contain information that might not appear in the Help. Read them in their entirety before you install the product.

Note: This document contains a number of links to external web sites. Micro Focus cannot be responsible for the contents of the website or for the contents of any site to which it might link. Web sites by their nature can change very rapidly and although we try to keep our links up-to-date, we cannot guarantee that they will always work as expected.

extend System Requirements

For system requirements, see each product's documentation

This product includes software developed by the University of California, Berkeley and its contributors.

extend Installation Release Notes

Refer to the extend product's installation guides.

Resolved Issues

The following are resolved issues for the extend products.

AcuBench ECN List

This section includes the ECNs relating to AcuBench:

ECN-WB916: AcuBench crashes on the ActiveX Selection dialog

Change Number: ECN-WB916

Type of Change: Correction

Incidents: 2587018

RPI Number: 1087489

Product: AcuBench

Module: acubench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: All

Description of problem or enhancement

In at least one special case, a particular COM object caused AcuBench to crash when it attempted to determine whether that object should be shown in the ActiveX selection dialog. The reason is unknown at this time. The control has a CLSID of `{F97DE610-BBC2-4F3A-A86D-F261AA2CFC1B}`, and is named "Microsoft OneNote Mobile ActiveSync Provider for Desktop" This same control does not seem to cause issues on other machines.

ECN-WB919: Screen painter shows push-button background and foreground reversed

Change Number: ECN-WB919

Status: Complete

Type of Change: Correction

Incidents: None

RPI Number: 596650

Product: AcuBench

Module: AcuBench

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

When setting the RGB background color while drawing a push button on a form, the push button text displays as that background color. When setting the RGB foreground color, the push button color becomes that color. The run time displays the push buttons with the correct colors, but they are inverted in the screen painter.

ECN-WB920: Fill-color ignored in the screen painter, if RGB colors are set

Change Number: ECN-WB920

Type of Change: Correction

Incidents: None

RPI Number: 596633

Product: AcuBench

Module: AcuBench

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

When you specify an RGB foreground or background color for a frame control, their color displays rather than any fill color you specify. The run time shows the control correctly, but the screen painter does not.

ECN-WB921: AcuBench generates incorrect code for Tree View ITEM-COLOR

Change Number: ECN-WB921

Type of Change: Correction

Incidents: 2655300

RPI Number: 1090150

Product: AcuBench

Module: AcuBench

New Version: 9.2.1

Machines Affected: Windows only

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

When generating code for tree-view items with children and an item color, AcuBench generated code that essentially skipped adding the children.

ECN-WB922: TAB-BORDER-COLOR code generation

Change Number: ECN-WB922

Type of Change: Correction

Incidents: None

RPI Number: 596586

Product: AcuBench

Module: AcuBench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

When a TAB-BORDER-COLOR was set on a tab without setting a TAB-BORDER-WIDTH, the color was not added to the generated COBOL code.

ECN-WB923: Setting BORDER-COLOR on an entry field doesn't show border

Change Number: ECN-WB923

Type of Change: Correction

Incidents: None

RPI Number: 596020

Product: AcuBench

Module: AcuBench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

Version 9.2.0 added the new property BORDER-COLOR for entry-fields. But AcuBench didn't show the border when the property was set.

ECN-WB924: Default TRANSPARENT-COLOR for bitmap buttons

Change Number: ECN-WB924

Type of Change: Correction

Incidents: None

RPI Number: 596605

Product: AcuBench

Module: AcuBench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

When creating a new bitmap push button, the default TRANSPARENT-COLOR was 0, which is black, rather than -1, which is none.

ECN-WB925: Character Screen does not show well in AcuBench

Change Number: ECN-WB925

Type of Change: Correction

Incidents: 2656999

RPI Number: 1090331

Product: AcuBench

Module: AcuBench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

When creating a character screen in AcuBench, the screen would not show correctly.

ECN-WB926: A copied push button with color would not keep the original title

Change Number: ECN-WB926

Type of Change: Correction

Incidents: 2653980

RPI Number: 1090051

Product: AcuBench

Module: AcuBench.exe

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

When you copied and pasted a push button, and that push button had color set for it, the pasted push button would not retain the title.

ACUCOBOL-GT ECN List

This section includes the ECNs relating to ACUCOBOL-GT:

ECN-4224: MULTIPLY of a list did not properly handle SIZE ERROR in --bin mode

Change Number: ECN-4224

Type of Change: Correction

Incidents: N/A

RPI Number: 547795

Product: ACUCOBOL-GT

Module: compiler

New Version: 9.2.1

Machines Affected: all Known

Versions Affected: 9.2.0 to 8.0 and earlier

Description of problem or enhancement

When compiled in --bin mode, MULTIPLY of a list of items would only register a SIZE ERROR when the final item on the list overflowed.

ECN-4225: Long filenames cause errors

Change Number: ECN-4225

Type of Change: Correction

Incidents: 2647958

RPI Number: 1089459

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: All

Description of problem or enhancement

When the length of a filename was larger than 150 bytes, the run time could fail to open the right file, or possibly corrupt memory. As a result, a WRITE could write data to the wrong file. Note that there is a hard limit of 260 characters to the length of a filename, and without major structural changes to the runtime, this will not change. When a COBOL program attempts to open a file with a name longer than this hard limit, the open fails with an error 35 (MISSING FILE).

ECN-4226: Recursively called event procedures can cause errors

Change Number: ECN-4226

Type of Change: Correction

Incidents: None

RPI Number: 1089497

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: All

Description of problem or enhancement

Event procedures that are triggered recursively can cause application errors, for example processing a grid control while holding the **Page Down** key. If the event procedure for this is long running, it may be fired a second time before the processing of the initial event procedure is completed. This results in the procedure being recursively called which could modify variables that were in use when the procedure drops back to the original event's processing. The address this, the configuration variable *DEFER-EVENTS* has been introduced. When set to `1` (True) , events are ignored until processing returns from the control's event procedure. The default value of this variable is FALSE.

To work around this issue, set *DEFER_EVENTS* to `1` if your application encounters difficulty processing events.

ECN-4227: Acuthin may leave log files

Change Number: ECN-4227

Type of Change: Correction

Incidents: 2653325

RPI Number: 1089973

Product: ACUCOBOL-GT

Module: acuthin

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

When running with the thin client, you may find log files with names of the form `acuthin.nnnn.txt`.

ECN-4228: Auto-update fails with thin client

Change Number: ECN-4228

Type of Change: Correction

Incidents: 2653293

RPI Number: 1089956

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: All

Known Versions Affected: 9.2.0

Description of problem or enhancement

When trying to use a version of AcuThin prior to 9.2.0 with a 9.2.0 run time, the version negotiation would fail, and the thin client and the run time both would stop responding (each waiting on the other). Similarly, when trying to use a 9.2.0 (or later) AcuThin with a run time version prior to 9.2.0, the same thing would happen. Because this error is in the run time, the previous version can not be corrected. Fortunately, this case is presumably rare.

Because of this error, the AcuThin auto-update feature is broken. Installing a 9.2.0 run time in an environment in which pre-9.2.0 AcuThin attempts to connect causes issues in that environment.

To work around this issue, IT administrators should obtain a newer AcuThin version to their install base. With version 9.2.1 and later, this is no longer an issue. A 9.2.0 (or earlier) AcuThin can auto-update to any 9.2.1 (or later) run time.

ECN-4229: Entry field size changed

Change Number: ECN-4229

Type of Change: Correction

Incidents: 2653296

RPI Number: 1089957

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

When using the 3D style, and V80-3D-ENTRY-SIZE, and WIN32-NATIVECTLS, entry fields show slightly smaller than they do with version 9.1.2.

ECN-4230: Push buttons with color in previous versions

Change Number: ECN-4230

Type of Change: Correction

Incidents: 2653326

RPI Number: 1089961

Product: ACUCOBOL-GT

Module: run time

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

Version 9.2.0 added the ability to use colors on pushbuttons. Because previous versions ignored color, any color setting on a push button causes the control to be quite different when run with version 9.2.0.

The push button coloring now detects the object semantics of the COBOL program displaying the button. (Object semantics are controlled with the -Cnn compile option.) If the object semantics are prior to 9.2, then color continues to be ignored when set on push buttons.

To work around this issue, if you are recompiling your programs, you may need to remove any COLOR phrase for push buttons. Alternately, set the color to the color you want.

ECN-4231: Ctrl+V paste into multi line entry field causes hang in Thin Client

Change Number: ECN-4231

Type of Change: Correction

Incidents: 2645380

RPI Number: 1089186

Product: ACUCOBOL-GT

Module: Thin Client

New Version: 9.2.1

Machines Affected: All Windows machines

Known Versions Affected: All

Description of problem or enhancement

Using **Ctrl-V** to paste more lines than is allowed in the multi-line entry field in the Thin Client results in an error message similar to `Too many lines`. When this occurs, You should be able to click **OK** to close the error dialog box and continue. Instead, the dialog box appears again. Continued clicking on **OK** causes the program to stop responding. The fix provided with this ECN prevents the error dialog box from reappearing and causing the program to stop responding.

ECN-4233: Acuthin is slow with Screen Section display

Change Number: ECN-4233

Type of Change: Correction

Incidents: 2640742

RPI Number: 1088778

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: All

Known Versions Affected: 9.0.0 and later

Description of problem or enhancement

A program with many Screen Section displays was much slower than in past releases, when run with the thin client.

ECN-4234: BORDER-COLOR inconsistencies

Change Number: ECN-4234

Type of Change: Correction

Incidents: 2654082

RPI Number: 1090133, 596611

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

These errors were introduced with the new BORDER-COLOR enhancement (ECN 4198).

- READ ONLY and DISABLED entry fields would no longer have a border at all, with or without BORDER-COLOR set for them.
- An entry field with a border color set would show that border a single pixel outside where the normal border would be, so that such controls were slightly larger than they were in prior versions.
- An entry field on a TAB control would only show the border with the modified color when the mouse moved into the control.

Note that, while it is possible to modify a control to change the border-color from one color to another, it is not possible to modify the control to remove the border color altogether, to make the border the default color. This is similar to the restriction that it is not possible to modify an entry field from BOXED to NO-BOX.

ECN-4235: Bitmap button with TITLE-POSITION 4 (bottom)

Change Number: ECN-4235

Status: Complete

Type of Change: Correction

Priority: Low

Incidents: None

RPI Number: 595564

Date: 2013-07-26

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

A bitmap push button with a title at the bottom of the button would display incorrectly, with the bitmap covering a portion of the edge of the button. This happened in both the run time and AcuBench.

ECN-4236: TAB-BORDER-COLOR errors

Change Number: ECN-4236

Type of Change: Correction

Incidents: None

RPI Number: 596581

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

Tab borders were drawn incorrectly, surrounding only the title part of the tab, and not the entire tab control. When a TAB had a border color, radio buttons and check boxes on the tab were colored black on black, making them unreadable.

ECN-4237:Some controls would not support color with WIN32-NATIVECTLS

Change Number: ECN-4237

Type of Change: Correction

Incidents: None

RPI Number: 596403

Product: ACUCOBOL-GT

Module: runtime

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0

Description of problem or enhancement

Radio buttons and Check boxes would not honor their COLOR value if *WIN32-NATIVECTLS* was set to `true`.

Acu4GL ECN List

This section includes the ECNs relating to Acu4GL:

ECN-GL520: Error 9D, 16915 when using A-MSSQL-ROWCOUNT with SQL Server 2012

Change Number: ECN-GL520

Type of Change: Correction

Incidents: 2643049

RPI Number: 1089983

Product: Acu4GL

Module: MSSQL

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: All

Description of problem or enhancement

When using the configuration variable *A-MSSQL-ROWCOUNT* with SQL Server 2012, an error 9D would occur when executing a READ NEXT. This was due to Microsoft tightening the rules for how prepared statements are allowed.

ECN-GL521: Error 9D, -413 on 64-Bit platforms

Change Number: ECN-GL521

Type of Change: Correction

Incidents: none

RPI Number: 1089728

Product: Acu4GL

Module: DB2

New Version: 9.2.1

Machines Affected: All

Known Versions Affected: All

Description of problem or enhancement

Large numeric fields could generate an `error 9D,-413` on 64-bit platforms. The interface would create the column as a `Smallint` instead of `Decimal.`

ECN-GL522: Stored procedure install script error

Change Number: ECN-GL522

Type of Change: Correction

Incidents: None

RPI Number: 597194

Product: Acu4GL

Module: MSSQL

New Version: 9.2.1

Machines Affected: Windows

Known Versions Affected: 9.2.0 and later

Description of problem or enhancement

The command script that creates the SQL script which installs the required stored procedures for using Acu4GL for SQL Server was modified to use the Lock Database before the stored procedures were installed. This was acceptable if all work is done in that single database, but failed if the COBOL application attempts to use multiple databases for different tables.

AcuXDBC ECN List

This section includes the ECNs relating to AcuXDBC:

ECN-XD085: SELECT from a view constrained by a computed column returns corrupt value

Change Number: ECN-XD085

Type of Change: Correction

Incidents: None

RPI Number: 1089296

Product: AcuXDBC

Module: AcuXDBC, MFXDBC

New Version: 9.2.1

Machines Affected: All

Known Versions Affected: All

Description of problem or enhancement

Query of a view constrained by computed columns does not return the expected data. The data item may be corrupted.

ECN-XD086: Client MAVs on selection of field

Change Number: ECN-XD086

Type of Change: Correction

Incidents: None

RPI Number: 596876

Product: AcuXDBC

Module: AcuXDBC, MFXDBC

New Version: 9.2.1

Machines Affected: All

Known Versions Affected: All

Description of problem or enhancement

The client may experience a MAV on the select of some fields. For example, a MAV occurs with the sample database when you issue the command: `SELECT FEE FROM ANIMALS;`

Updates and SupportLine

Our Web site gives up-to-date details of contact numbers and addresses.

Further Information and Product Support

Additional technical information or advice is available from several sources.

The product support pages contain a considerable amount of additional information, such as:

- The WebSync service, where you can download fixes and documentation updates.
- The Knowledge Base, a large collection of product tips and workarounds.
- Examples and Utilities, including demos and additional product documentation.

To connect, enter *http://www.microfocus.com* in your browser to go to the Micro Focus home page.

Note: Some information may be available only to customers who have maintenance agreements.

If you obtained this product directly from Micro Focus, contact us as described on the Micro Focus Web site, *www.microfocus.com*. If you obtained the product from another source, such as an authorized distributor, contact them for help first. If they are unable to help, contact us.

Information We Need

However you contact us, please try to include the information below, if you have it. The more information you can give, the better Micro Focus SupportLine can help you. But if you don't know all the answers, or you think some are irrelevant to your problem, please give whatever information you have.

- The name and version number of all products that you think might be causing a problem.
- Your computer make and model.
- Your operating system version number and details of any networking software you are using.
- The amount of memory in your computer.
- The relevant page reference or section in the documentation.
- Your serial number. To find out these numbers, look .

Alternatively, you might be asked to provide a log file created by the Consolidated Tracing Facility (CTF) - a tracing infrastructure that enables you to quickly and easily produce diagnostic information detailing the operation of a number of Micro Focus software components.

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