

Modifications Included Since APL64 Production Version 2022.0.2

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Overview

This document describes the enhancements and bug fixes incorporated into this third production release of APL64, 2022.0.4.

Enhancements

The `□wi` interface to the `APLNow32.exe` was optimized to provide better stability. This addressed cases 5690, 5719 and 5871 in Bug Fixes.

Bug Fixes

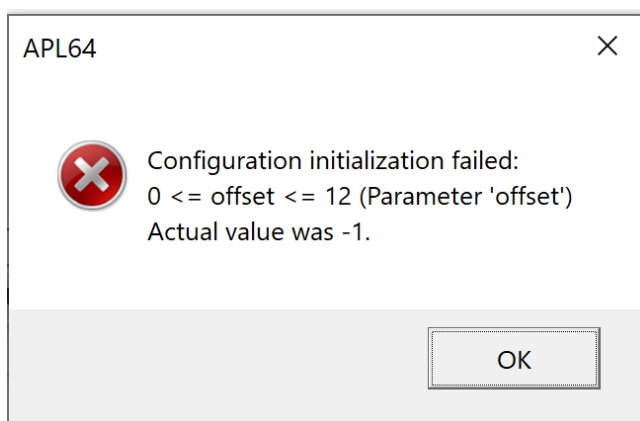
APL64 allowed callbacks to pass through from APL32 to APL64 to execute during the localization process (case #5871)

When this occurred, the localization may have only partly completed, resulting in the value of `□WSELF` possibly being out of sync.

Menus `Edit | #Items in Find List to Retain` and `Edit | #Items in Replace List to Retain` had no effect in the Find/Replace tool (case #5862)

Using `Ctrl+Shift+Spacebar` to remove leading blank spaces in the variable editor could cause APL64 to abort unexpectedly (case #5873)

E.g.:



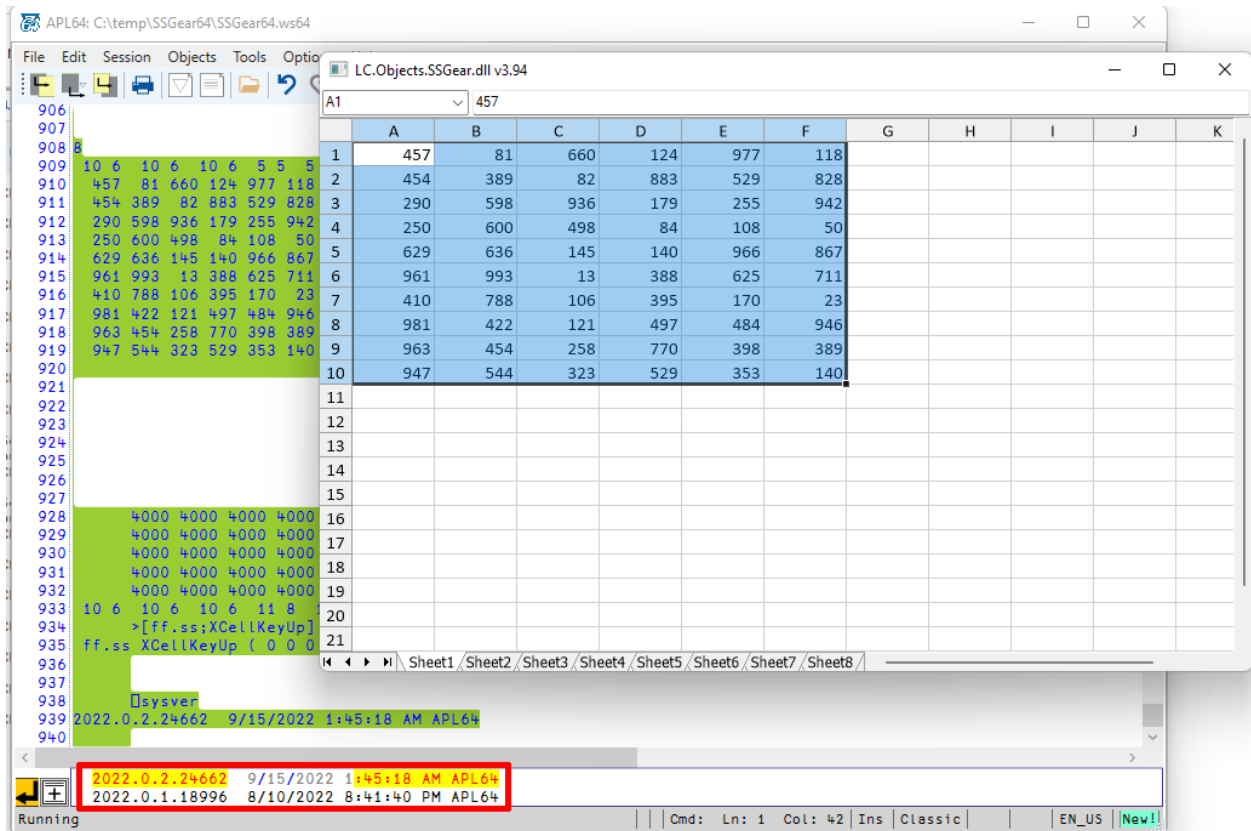
The LENGTH ERROR error message could result when `⊞wi` was used in an `:if` statement (case #5690)

This resulted when the interface to the APLNow32.exe was damaged.

An unexpected WS FULL message appeared in the onNew event handler (case #5719)

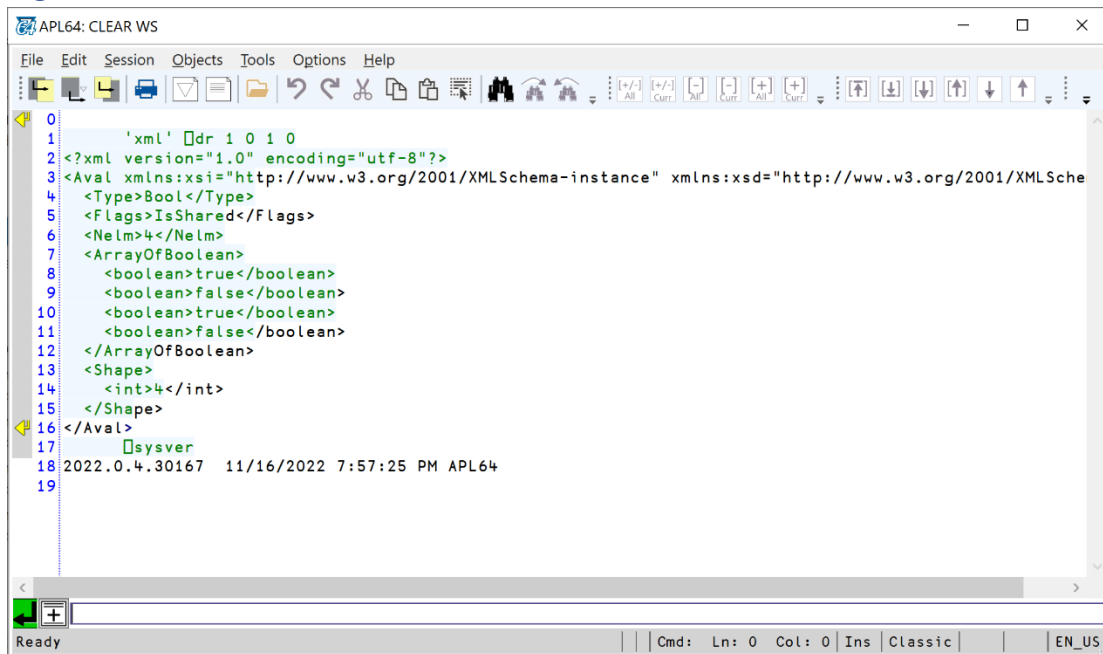
Odd syntax coloring with text containing colons in the APL Command Line and non-editable Classic History (case #5790)

E.g.,



Odd syntax coloring in non-editable History for 'xml' □dr 1 0 1 0 (case #5894)

E.g.,



The screenshot shows the APL64 workspace interface. The main window displays a history of commands. Line 1 contains the command `'xml' □dr 1 0 1 0`. Line 2 shows the XML declaration `<?xml version="1.0" encoding="utf-8"?>`. Line 3 is the opening tag `<Aval xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSche`. Line 4 is `<Type>Bool</Type>`. Line 5 is `<Flags>IsShared</Flags>`. Line 6 is `<Nelm>4</Nelm>`. Line 7 is `<ArrayOfBoolean>`. Line 8 is `<boolean>>true</boolean>`. Line 9 is `<boolean>>false</boolean>`. Line 10 is `<boolean>>true</boolean>`. Line 11 is `<boolean>>false</boolean>`. Line 12 is `</ArrayOfBoolean>`. Line 13 is `<Shape>`. Line 14 is `<int>4</int>`. Line 15 is `</Shape>`. Line 16 is the closing tag `</Aval>`. Line 17 shows the system variable `□sysver`. Line 18 shows the command prompt output `2022.0.4.30167 11/16/2022 7:57:25 PM APL64`. The status bar at the bottom indicates 'Ready' and 'Cmd: Ln: 0 Col: 0 | Ins | Classic | EN_US'.

The DESCRIBE variable was missing in TOOLS\UCMDUTIL.ws64 workspace (case #5883)