

New Enhancements and Bug Fixes Completed for Next APL64 Update

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Overview

This document describes the enhancements and bug fixes that are planned for the next production release of APL64.

Enhancements/Changes

User documentation updated for  SQL: Example illustrating a get table column info. Query

In-line and block comments enhancement with new glyphs:  

Updates to  XML

1. Descendant and DescendantAndSelf methods: Improve exception message when user-provided descendant# is not found
2. New methods implemented: DocParse, EltRemove, GetXmlText
3. User documentation updated: APL64_USING_ XML.docx

Bug Fixes

`⎕DxB 0 1p'` returned DOMAIN ERROR

Affected functions were `⎕DEB`, `⎕DLB`, `⎕DLTB` and `⎕DTB`.

`⎕ROWFIND` returned SYSTEM ERROR:Exception: Index was outside the bounds of the array

This occurred wh

Applying `⎕LJUST` or `⎕RJUST` to a matrix of all blanks caused APL64 to hang

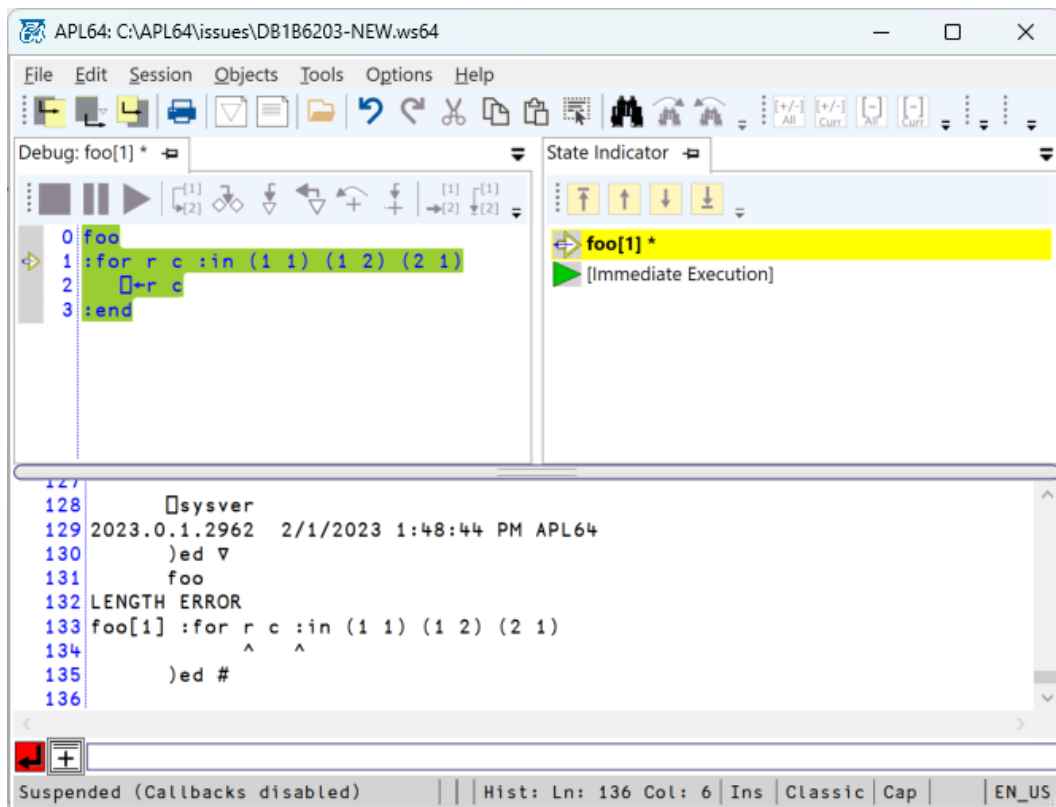
Workspaces failed to load in the 2023.0.2 Update with the message: WS FILE ERROR:
Could not load workspace: DEFN ERROR

This occurred when the header for a function localized a deprecated system variable like `⎕SEG`.

`)COPY` and `⎕COPY` APL64 reported NOT FOUND and 0, respectively, for duplicate names in the list of object names

A `:FOR` control structure example with two control variables and three expressions returned LENGTH ERROR

E.g.,



WORDREPL corrected to support the words with #, □ and Δ characters

