

APL64 2024.0.9 Update is Coming

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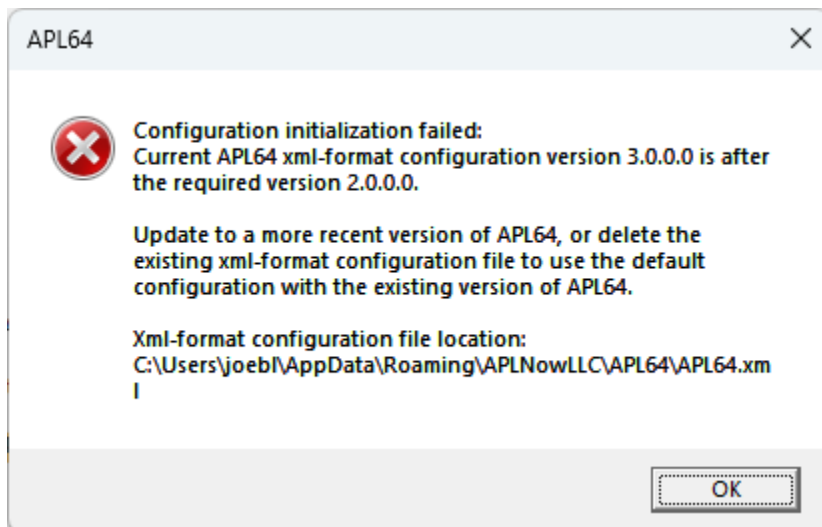
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Overview

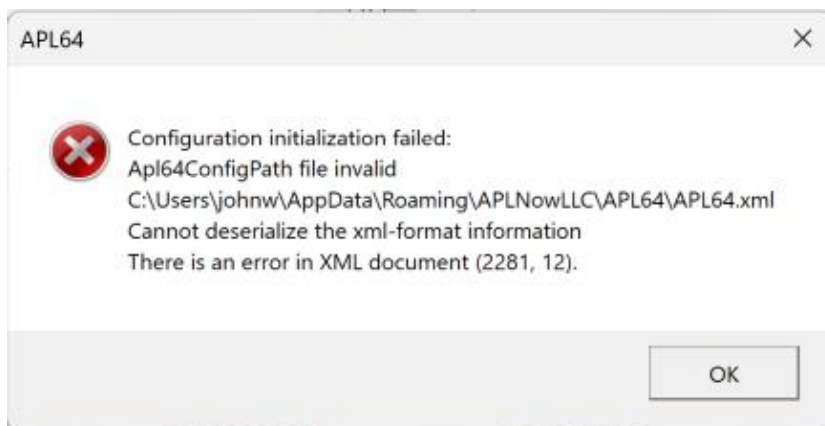
This document describes the enhancements and bug fixes that are planned for the APL64 2024.0.10 Update.

IMPORTANT: APL64 programmers can help to improve the performance of their applications by using the new ☐PROFILE system function included in this update and sending 'profile' information to the APL64 development team.

IMPORTANT: Installation of this APL64 2024.0.10 update is recommended in preparation for a future update that will enhance the function editor to optionally retain programmer edits between APL64 'sessions' and provide a 'comparison' function editor format. After applying this APL64 2024.0.10 update, the check of the APL64 XML-format configuration file version is improved. If the version of the configuration file is not appropriate, an improved message will be displayed:



The improved message will replace a message which does not identify the inappropriate configuration file version:



Interpreter Modifications

[New \)PROFILE system command and □PROFILE system function](#)

Using the 'profile' tools an APL64 programmer can obtain detailed information about interpreter actions and processing times for all or part of an APL64-based application system. Providing such application-specific profiles to the APL64 development team, can help to identify potential APL64 performance improvements.

[Enhanced Grade Up \(⬆ \) and Grade Down \(⬇ \) primitive functions now support Unicode character and string arrays.](#)

APL64 Developer Version GUI Modifications

Fetching an APL64 variable and inserting the object into a rectangular selection in a function or variable editor is now supported.

WRE and CPC Utility

[For an APL64 cross-platform component, the line termination element in an application system exception message is now determined by the operating system environment.](#)

Miscellaneous

[□USERPATH: Removed reference to WebView2 browser cache files in System Functions manual](#)

[□ACBD, □CPCINFO, □CRLF, □EXEPATH, □NOVALUE, □SYSCONFIGFILE and □XSO descriptions moved to System Function manual](#)

[Help | APL+Win Compatibility | Draw Control Reference menu opens APL2000 Draw manual](#)

Bug Fixes

[The user=n command line argument value was improperly saved in the APL64 XML-format configuration file](#)

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A new line delimiter (↵) was incorrectly present when copying text from APL64 to the Windows Clipboard instead of a paragraph delimiter (¶).

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