

The APL64 Project

The APL64 Project provides a pathway for APL2000 customers to move to the 64-bit Windows environment. The development goal of excellent compatibility with APL+Win has been achieved.

Easy Transition from APL+Win to APL64 Project:)WLOAD & Run an APL+Win Workspace

To make the user transition to the APL64 Project as simple as possible, the APL64 Project is designed so an APL+Win workspace may be loaded into the APL64 Project and run in the 64-bit Windows environment with little or no modification.

Advantages of the APL64 Project

Increased workspace size up to available workstation memory.

Increased variable size in all variable types.

Optimizations to primitive and system functions to enhance performance.

Native execution in 64-bit Windows.

APL64 Project Interpreter is cross-platform.

Multi-Threaded APL primitive function execution for enhanced performance.

The APL Programmer Session has been enhanced. A few examples include:

- Multiple new options to display APL statements and results
- Use and display Unicode characters in the APL Session
- Robust syntax checking
- Flexible Session panes including some panes that float
- Multiple stored color schemes are supported
- User can define their own keyboard
- Tooltips in the Session
- Unified APL variable editor transparently handles homogeneous, heterogeneous, and nested variables.
- Multi-row executable statements can be executed as a whole in the form of multi-row APL "scripts" in the new APL Programmer Session. (They can also be executed as they were in APL+Win with diamond separators.)
- Color printing supported from the Session

New APL String Data Type supported.

Support for multiple monitors with varying resolution.

Many new System Functions and features exclusive to the APL64 Project.