

# APL64 Developer Version- Menu Item Shortcuts

## Overview

A summary of the menu items of the APL64 Developer version is provided. The underscored characters in the menu item indicate the 'Alt Key Down+Alt Key Up+Menu Header Character+...+Enter' keystroke used to access the associated menu item. The shortcut keystroke for a menu item, if any, is enclosed in parentheses.

## File

Load... (Ctrl+Shift+L)

XLoad... (Ctrl+Shift+X)

Copy... (Ctrl+Shift+C)

PCopy...(Ctrl+Shift+P)

Save...(Ctrl+Shift+S)

Commit and Save...(Ctrl+Alt+S)

SaveAs...(Ctrl+Shift+A)

Drop...(Ctrl+Shift+D)

Print...(Ctrl+P)

Print Options

- Print Syntax Color
- Margins
  - Left
  - Right
  - Top
  - Bottom
- Show Message If Printer Is Not XPS Compatible

Exit...(Alt+X)

Recent Workspace Ids

#Recent Workspace Ids To Retain

Clear the Recent Workspace Names List

XLoad Selected Recent Workspace

Emit Timestamps in Long Date Format

## Edit

Undo...(Ctrl+Z)

Redo...(Ctrl+Y)

Select All...(Ctrl+A)

Cut...(Ctrl+X)

Copy...(Ctrl+C)

Copy/Cut Entire Current Line Without Selection

Gather...(Ctrl+Shift+G)

Paste...(Ctrl+V)

Delete...(Del)

Find...(Ctrl+F)

Find Next...(F3)

Find Previous...(Shift+F3)

Replace...(Ctrl+H)

Number of Items in Find List to Retain

Number of Items in Replace List to Retain

EDSS Column Header Is R1:C1 Cell Reference Style

Find in Functions in Workspace

APL Font

Use Legacy Whole Word & Token Algorithm

Use Legacy Find Match Highlighting

Enable Legacy Virtual Space in Text Editor

Enable Legacy Scroll Below Text in Text Editor

APL Idioms...

- Inset An APL Idiom...(Ctrl+I)
- Idioms Manager...(Ctrl+Shift+I)

Match Glyphs...

- Match Glyphs...(Ctrl+M, Ctrl+J)
- Match and Tag Glyphs...(Ctrl+Shift+M, Ctrl+Shift+J)

APL Statements from the Session History

- Recall previous APL executed statement...(F9)
- Recall next APL executed statement...(Shift+F9)
- APL Statements History...(Ctrl+F9)
- Find previously-executed APL statement in the history...(Alt+F9)
- Find 'next' previously-executed APL statement in the history...(Alt+Shift+F9)

Stop and Trace

- Inset/remove STOP on selected line(s)...(Ctrl+.)
- Remove STOP from all lines...(Ctrl+Shift+.)
- Insert/remove TRACE on selected line(s) ...(Ctrl+.)
- Remove Trace from all lines...(Ctrl+Shift+.)

Bookmarks

- Inset/remove bookmark on selected line(s)...(Ctrl+F2)
- Remove bookmark from all lines...(Ctrl+Shift+F2)
- Find Next Bookmark...(Alt+F2)
- Find Previous Bookmark...(Shift+F2)

### Add Inline Comment

- Start **⌘** (Alt+Shift+Z)
- End **⌘** (Alt+Shift+X)

### Delete Inline Comment

- Start **⌘** (Ctrl+Alt+Shift+Z)
- End **⌘** (Ctrl+Alt+Shift+X)

## Session

### Standard Toolbar

### Status Bar

### View Scale APL Text

### History Format

- Sequential
- Grouped
- Separated
- Classic

### History Row Numbers

- Display Row Numbers in History
- Highlight Row Number with Cursor

### Set PW Based on Window Width

### Maximum Number of APL Executable Statements in History

### Use Selected Text on Enter in History

### Sequential History Format

- APL Multi-line Statement Maximum Height

### Grouped History Format

- Switch Position of Vertical Scroll Bar & Row Headers in Results Grid
- Scroll to Last Result Statement

- Render Results in Document Style
- APL Multi-line Executed Statement Maximum Height
- Maximum Height of Results Grid

#### Separated History Format

- Scroll to Last Result Statement
- Render Results in Document Style
- APL Multi-line Executed Statement Maximum Height

#### Classic History Format

- Is Editable
- Show Syntax Coloring When Editable
- When At End Of Editable History ↓ To Command Line
- Set Focus When Editable
- Execute Entire Multi-Row History Statement
- Exclude Command Line From Pane Navigation (Ctrl+Tab) Options
- Hide Command Line When Editable
- Refresh for Accurate History

#### Display Pending APL Executable Statements

#### Emit Bell Glyph in Output

#### Suppress the Unassigned History Output from Quote-Quad Output

#### History Output Buffering

- Line Limit
- Time Limit (ms)
- Event Limit
- Sample Count
- Sample Age (ms)

#### Rendering Large Output To History

- Large Output Threshold Applies
- Large Output Threshold (x1E6 bytes)

## Command Line

- Insert Text into Command Line
- Retain Prefixed Spaces When APL Statements are Inserted into the Command Line
- Maximum Height
- Switch Focus Between Session Command Line / History & Most Recent Object Editor...(Ctrl+T)

## Debug

- Show Debug Toolbar on Main Window
- Automatically Show Debug/SI Panes When Suspended
- Debug Visibility...(Ctrl+D)
- Dock Floating Debug & SI Panes
- Shrink Debug Area When Debug & SI Panes Are Both Floated
- Edit Watchpoints...(Ctrl+W)

## Exit Confirmation Options

- Confirm Exit
- Confirm Exit MessageBox Locations is Default Desktop

## Configuration Settings

- Save Settings on Exit
- Save Settings Now
- Export Settings...
- Settings File Path
- Import Settings...
- Apply Default Settings

## APL Virtual Keyboard...(Ctrl+B)

## Scroll Up History

## Clear History...(Shift+Delete)

## Restore History...(Ctrl+Shift+Delete)

## Clear Current Workspace...(Ctrl+Shift+R)

## Tooltips

- Display:

- All Tooltips
- No ToolTips
- ToolBar ToolTips
- ToolBar and Menu Tooltips
- Tooltip Duration
- Initial Show Delay

Active Panes List

## Objects

New...(Ctrl+N)

Function...

Variable...

Open...(Ctrl+O)

Fetch...(Ctrl+G)

Left Mouse Double Click: Open Object Named At Caret

Right Mouse Double Click: Open Object Named At Caret

Default Edit Session Type

- Variable
- Function

Duplicate Editors

- Prevent Duplicate Editors
- Prompt Before Creating Duplicate Editors
- Duplicate Function Editors Are Read Only

Number Of Spaces In Tab

Expand Tabs in Variable Editors

Expand Tabs in Executable Editors

## Variable Editor

- Row Numbers
  - Display Row Numbers
  - Highlight Row Number with Cursor
- Display ToolBar
- New Line Indent Based On Prior Line Indent
- Strip Trailing Spaces
- Minimum Column Width in DataGrid:
- Align Cell Values

## Function Editor

- Row Numbers
  - Display Row Numbers
  - Highlight Row Number with Cursor
  - Row & Column Numbers Index Origin
- Display ToolBar
- Down Key On Last Non-empty Line Adds A New Line
- New Line Indent Based On Prior Line Indent
- Backspace(s) in New Line Based on #Spaces in Tab
- Automatically Sort Local Variables
- Sort Local Variables Now...(Ctrl+Alt+L)
- White Space Local Variables
- Caret At End of Header For New Function
- Function Editing Change Records
  - Consider Function Editing Change Records
  - Review Function Editing Change Records...

## Editors Pane Format

- Layout
  - Editors Auto Hidden
  - Editors Cascaded
  - Editors Tiled Horizontally
  - Editors Tiled Vertically

- Editors Floated
- Open Non-modal Object Editor in Prior Location
- AutoHide Tab Location
  - Left
  - Top
  - Right
  - Bottom
- Maximum Number of AutoHide or Tiled Editors
- New Editor AutoHide Minimum Height
- New Editor AutoHide Minimum Width
- Tab Label Width
- Minimize Editors Pane Area When All Editors Are Floated
- Maximize Editor or History Pane

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[Dock Floating Function & Variable Editor Pages](#)

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  - [C# Script Engine – Quick Start](#)
  - [C# Script Engine Manual](#)
  - [APL64 Rest Web Service HttpClient](#)
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- Using XL
- Using XML
- Using PATH
- SQL System Functions
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- Using PDIST
- Using RNET

## Developer Version GUI

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- Developer Version Quickstart
- Editting APL64 Objects
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  - Using APL64 Editors
  - Using Autosave Object Editor Content
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  - Using the Idioms Manager
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- History Selection Options

- Grouped/Separated History Document or Row Style Rendering
- Using the Session Log
- Rendering Large Output to the History
- Developer Version Context-sensitive Documentation
- APL64 WRE and APL64 CPC Overview
- Create Windows Runtime Executable
- Cross-Platform Component
  - Create Cross-Platform Component Creation Utility
  - Implement Cross-platform Component IntelliSense
  - Cross-Platform Component in a gRPC Service
  - Cross-Platform Component in a SOAP Service
  - Cross-Platform Component in a REST Service
  - Cross-Platform Component in a Windows Forms Application
  - Cross-Platform Component in a WPF Application
  - Cross-Platform Component in Excel
  - Cross-Platform Component and GUI using MAUI
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- Manual Activation
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- Keyboard Definition
- User Tools
- Menu Items Shortcuts
- Using ASK and ASKN
- Quad and Quote-Quad
- Using Inbuf
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## Command Line Arguments

## APL+Win Compatibility

- Compatibility Modifications for Existing APL+Win Applications
- APL+Win Menu & Toolbar Items in APL64

- [Numerical Computations and Numeric Formatting](#)
- [Windows GUI Reference](#)
- [Draw Control Reference](#)
- [APL Grid Reference](#)

#### [APL64 History](#)

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