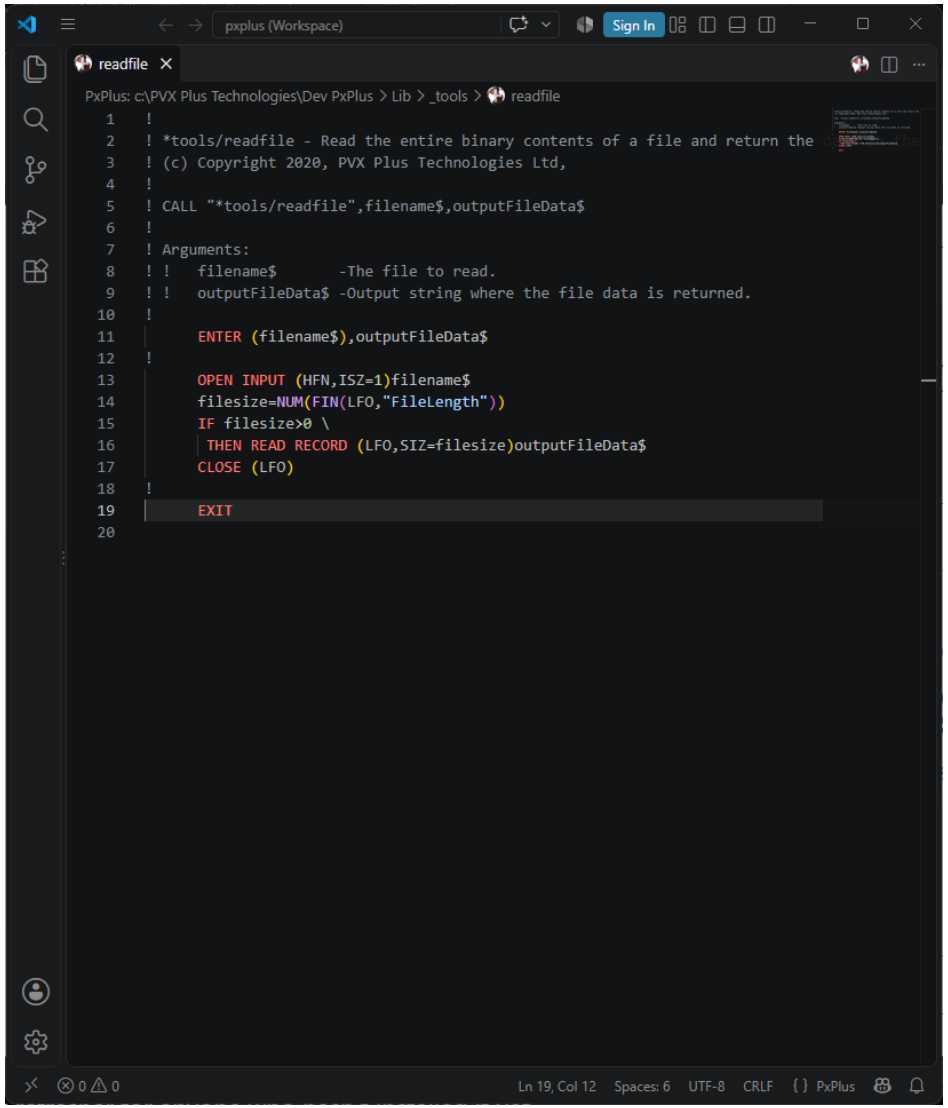


Visual Studio Code Extension Enhancements

DireXions 2026

Fewer licence hurdles, real navigation, and program tooling in the editor your team already uses





The Extension So Far

Create and edit both binary and text-based PxPlus programs

Syntax highlighting and program error diagnostics

Current document based autocomplete

Language preferences: lowercase directives, lowercase and mixed-case variables, Suppress LET

Added in PxPlus 2024, and shaped by user feedback ever since

WindX Plug-in Connections

No full PxPlus licence locally

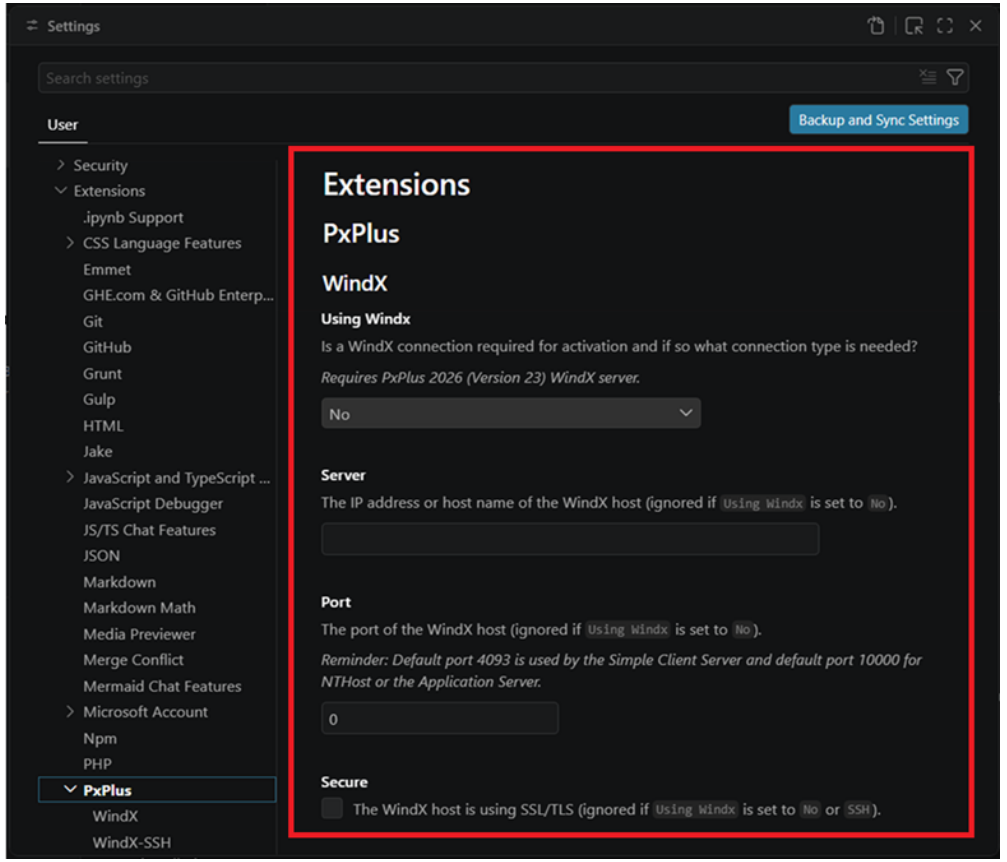
- You still install locally - the WindX 2026+ Plug-in, not a fully licensed PxPlus
- The activated PxPlus comes from the server where your application lives (Must be at least PxPlus 2026)
- Already a common setup: the application on a server, developers working through the plug-in
- Your files stay where they are - VS Code opens what this machine can reach
- Improved support for running VS Code itself on Linux and macOS

Four connection types

- No - a local PxPlus install
- Simple CS - default port 4093
- NThost or Application Server - default port 10000
- SSH - username, securely stored password, and a remote PxPlus path

Setting Up WindX Connection

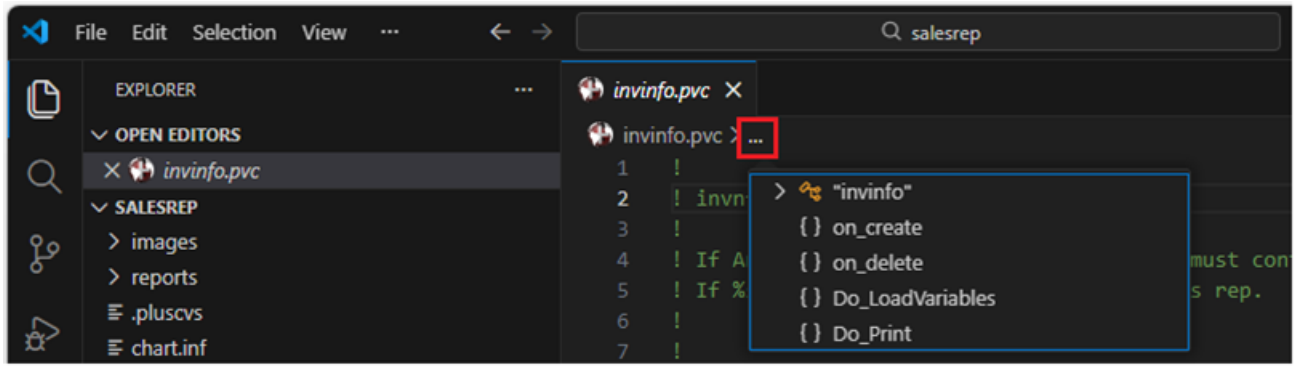
Group	Setting	What to enter
PxPlus	Pxplus Path	Path to the PxPlus or WindX Plug-in directory (required)
WindX	Using Windx	No, Simple CS, NThost, or SSH (default No)
WindX	Server and Port	Host name or IP, plus the port - 4093 or 10000
WindX	Secure	On when the host uses SSL/TLS (ignored for SSH)
WindX-SSH	User & Password	OS login for the host; the password is stored securely
WindX-SSH	Pxplus Path	Full path to the PxPlus executable on the WindX host (ignored unless SSH) Example: /home/user/pxplus2026/pxplus



Code Navigation

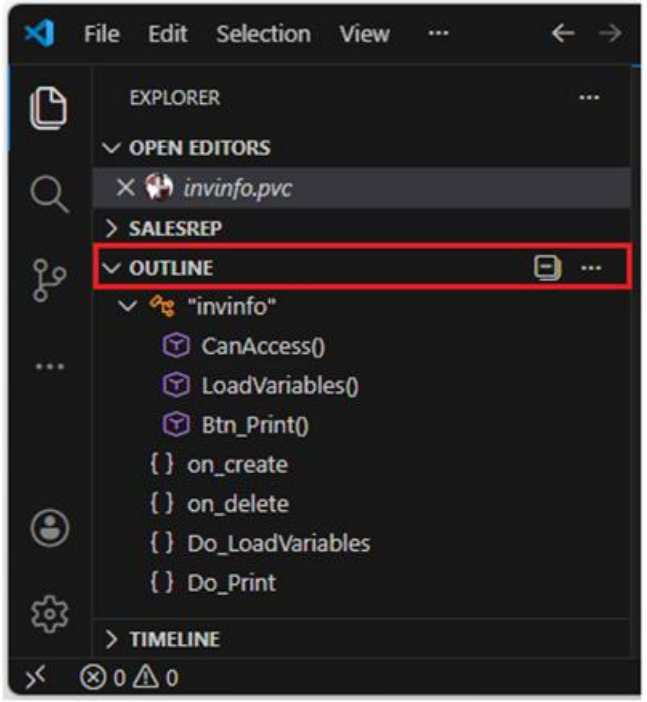
Two ways in

- The breadcrumb menu at the top of the editor tab - click the ellipsis for the list
- The OUTLINE section in the EXPLORER view



What it finds

- Labels, functions, classes, and methods
- Select an entry to jump straight to it in the code
- No more scrolling a thousand-line program to find one label



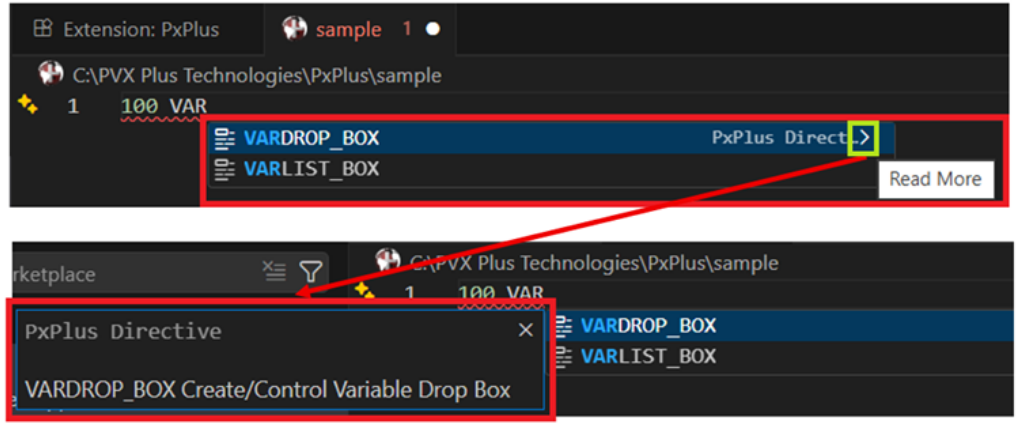
Auto Complete Gets Smarter

Now suggests

- Directives and mnemonics
- System functions, system parameters, and system variables
- Names already in use in the current document

In practice

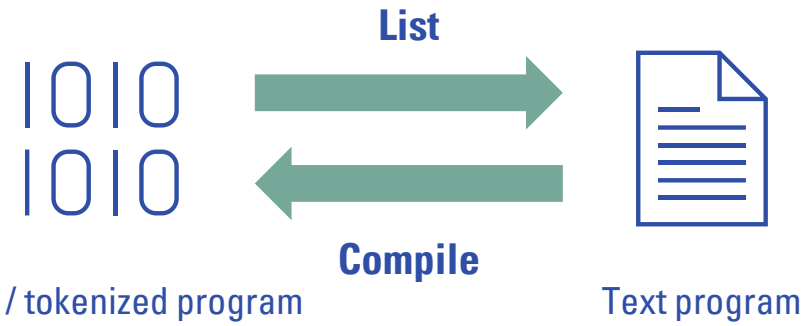
- Click the arrow beside a suggestion to expand its description
- Press Ctrl + Spacebar to trigger it manually
- Auto line numbering for programs that use line numbers



Compile and List PxPlus Programs

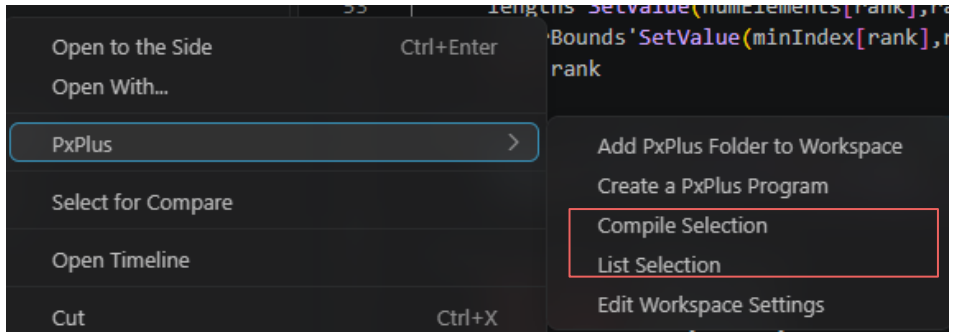
Both directions

- Compile - a text program becomes binary / tokenized
- List - a binary / tokenized program becomes text
- Runs across selected files, folders, and their sub-directories



Where to set it up

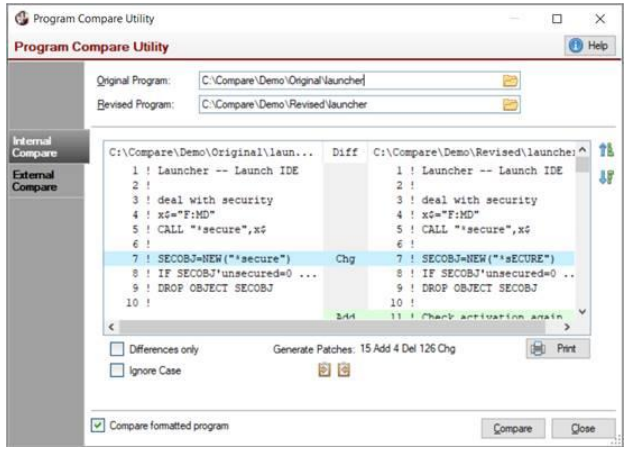
- Trigger from the PxPlus icon in the editor, or the Explorer right-click menu
- Set the Compiled and Listed Output Directory under Settings->Extensions->PxPlus-> Conversion
- Optionally add a file extension to the output



Working With Binary Programs

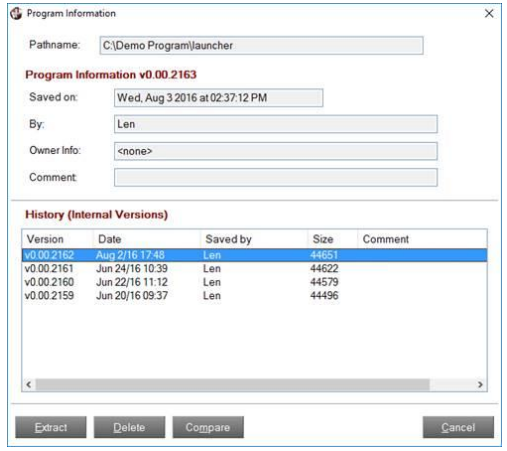
Compare Programs

- Right-click in the editor, then the PxPlus sub-menu
- Launches the PxPlus Program Compare Utility
- Diff two tokenized programs



Program Properties

- Same right-click PxPlus sub-menu
- Launches the Program Properties Utility
- Inspect a binary program without leaving the editor



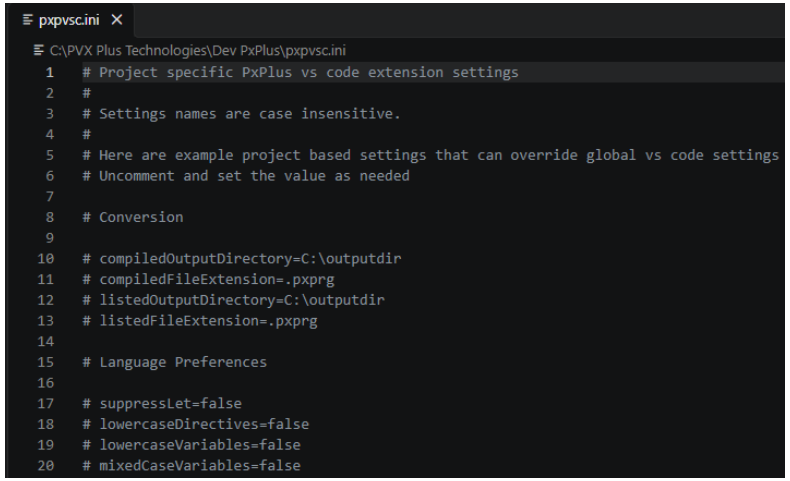
Worth Knowing

- Both require PxPlus 2026 or newer
- Both reuse toolkit utilities you already know

Settings Per Project

pxpvsc.ini

- Created from PxPlus > Edit Workspace Settings in the Explorer right-click menu
- Lives in the workspace root directory
- Uncomment only the settings you want to override



Why it matters

- Suppress LET on for one codebase and off for another
- Conversion paths that follow the project, not the machine
- Setting names match the Settings screen with the spaces removed

PxPlus 2026 Update 1

Visual Studio Code Extension

- Syntax highlighting improvements
- Improved extension setting descriptions



Summary

VS Code now works against your server's PxPlus licence, navigates your programs, and compiles in place

Thank you

Questions?

Where to read more

Visual Studio Code Extension

How to Set Up PxPlus Visual Studio Code Extension



Devon Austen