



# VS Code Extension for ABL

## ★ Roadmap ★

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Gilles Querret • Riverside  
Software



RIVER  
SIDE  
*software*



**PUG**  
**CHALLENGE**

# VS Code - History

- Announced in April 2015 by Microsoft
- First stable release in April 2016
- Code editor based on Electron framework
  - Files and workspaces
  - Debugger support
  - Terminal
  - Source control
  - Remote development + web based development
  - Containers
  - Extensions + marketplace

# VS Code – LSP & DAP

- Language Server Protocol and Debug Adapter Protocol
- Component between the code editor and target language
- Open specification
- Language Servers and Debug Adapters can be reused in any other editor

# ABL Extension - History

- Announced in November 2021 during the POET Summit
- First release on the marketplace in July 2022
  
- Syntax highlight
- Code completion
- Task execution
- Hover
- Definition
- Debugger

# ABL Extension – Sponsored by Progress

- Announced in June 2025 during the French PUG event

# Focus

- Cross-platform code editor for OpenEdge
  - Native Linux support or through SSH extension
- Support for DevContainers
  - Useful for PASOE
- Fast builder
- Debugger
- Standards for OpenEdge development

# Future improvements

- Focus on providing more stable features
- Improved code completion (system handles, ABL classes, .Net classes, ...)
- Code quality integration (SonarQube MCP Server)
- Improved documentation view
- Class browser
- Better support for large projects
- Code refactoring
- Improved code outline (missing information for now due to LSP)
- LS status feedback
- Project-less code editing
- Jupyter notebooks

Not on the  
roadmap (in the  
core extension)

- No GUI for .Net
- No PASOE management

# OpenEdge Developer Survey

