



Central Canada

2021 conference

Transform Developer Experience for Db2 for z/OS

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Db2 for z/OS

Agenda

- Key Objectives
- Live Demo
- Resources



Key objectives

- Increase developer and administrator talent pool by reducing Z domain specific skills and tools required to work with Db2 for z/OS
- Reduce cost to develop, debug, tune, deploy and administer Db2 for z/OS applications
- Increase velocity of feature development through improved productivity
- Align with system z cloud native development (IBM Z Open Editor)

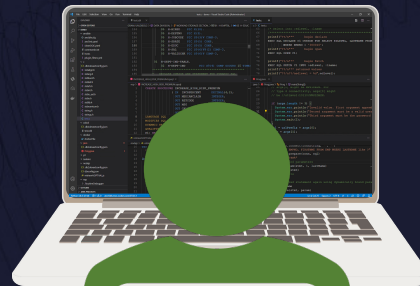
Demo Scenarios

Develop Db2
SQLs/NSPs

Code Db2 app
with different
languages

Navigate z
resources

Work on various
types artifacts



Dev



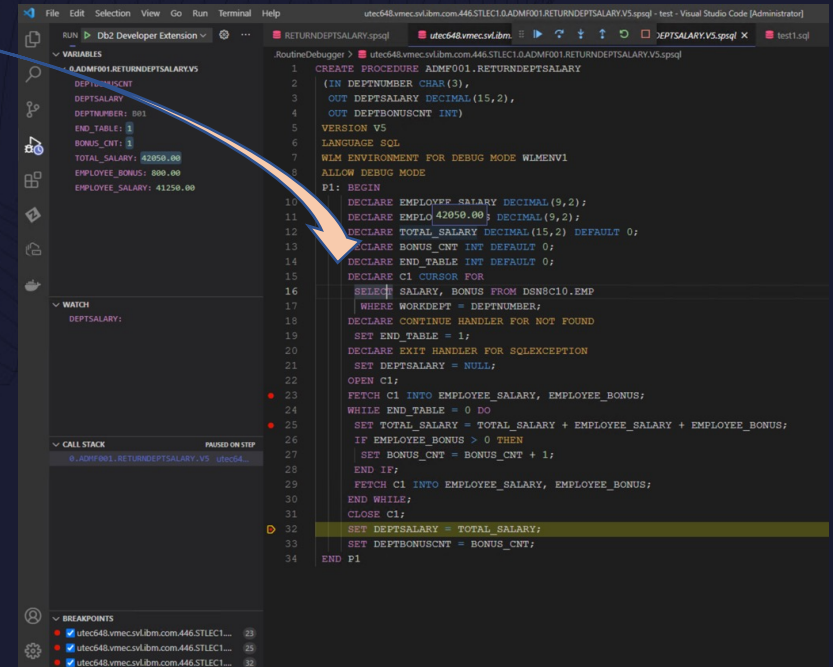
Live Demo



Summary – Db2 Developer Extension

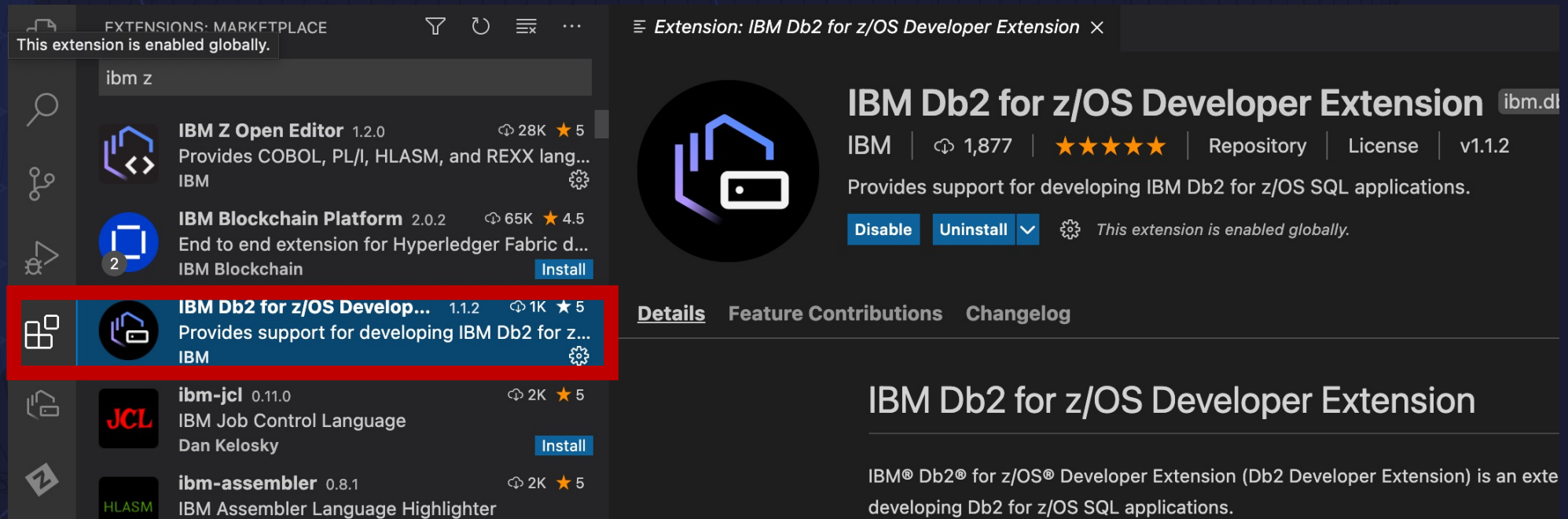
- Offer the key features for Db2 application development

- SQL syntax highlighting and checking
- Connect to Db2 with different security mechanisms
- Execute SQL anywhere
 - From any types of source code files or datasets
 - with or without host variables and parameter markers
 - Different commit/rollback strategies
 - Result processing and export
- Develop, deploy, debug and run native stored procedure
- Code completion, signature helper, Code snippets
- Integrate with other extensions seamlessly



Where to get

- Open VSCode and switch to Extension view
- Type in “ibm z”, the extension is listed on the top



- Or see next page...

Resource

- IBM Db2 for z/OS Developer Extension
 - <https://marketplace.visualstudio.com/items?itemName=IBM.db2forzosdeveloperextension>
 - If you like the extension, please review the extension on the VSCode marketplace and recommend to others
 - If you have issues/suggestions or features you'd like to see, please engage with us on GitHub: <https://github.com/IBM/db2forzosdeveloperextension-about/issues>
- Other resources
 - Visual Studio Code: <https://code.visualstudio.com/>
 - IBM z Open Editor: <https://marketplace.visualstudio.com/items?itemName=IBM.zopeneditor>
 - Zowe Explorer: <https://marketplace.visualstudio.com/items?itemName=Zowe.vscode-extension-for-zowe>



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Thanks