Introducing IBM Wazi aaS and Kobee on IBM Cloud to accelerate innovation with IBM z/OS Dev, Test and Prod

AT A GLANCE

» Contemporary versioning safeguards your code and enables parallel development.

» Automated Compile JCL are generated. We run the job, collect the compile listing and load modules in an archive.

» Automated Promote JCL are generated. JCL steps are available for DB2 binds, running test software, CICS updates...

» Languages support Assembler, COBOL, PL/1, 4GL's, IDMS ADSO...

» Databases support vsam, ims, db2, Datacom, IDMS...

» Tools support
  • IBM Dependency Based Build
  • IBM Debug for z/OS
  • IBM Rational® Test Workbench

» Special features
  • Release & Package based
  • Project dependencies
  • Approval based

BOOST PRODUCTIVITY AND IMPROVE COLLABORATION WITHIN YOUR ENTERPRISE, USING IBM WAZI AAS AND Kobee.

Pre-Deployment (using IBM Wazi aaS)
Using IBM Wazi aaS, a Cloud-Native z/OS environment, developers are now able to develop their z/OS applications using a contemporary IDE and to thoroughly test their z/OS applications on a replica of their enterprise mainframe.

The ability to quickly compile (build) code and subsequently the opportunity to run unit, functional and integration tests is a key factor for developer productivity.

Once a mainframe developer has finished his work using IBM Wazi aaS, he is ready to commit his code to the company's source code repository (Gitlab/Git/Subversion) so that the automated (CI/CD) processes can take over.

Final Build (using Kobee)
Once the code is committed, it is available to the DevOps solution (Kobee) which will then initiate the CI/CD processes following your defined life cycles and orchestrate your z/OS toolchain.

• Create
  Develop and test z/OS application components in a virtual z/OS environment using dedicated IBM tools (IDE, Debugger, Impact Analyzer...). Once committed Kobee analyzes the code and generates (compile) JCL that is then sent to the production mainframe to be executed.

• Verify
  As part of the process code can be promoted to test libraries and a JCL step can be generated to run the required testing tools.

• Package
  Based on the compiled load modules, Kobee generates the necessary JCL steps with the actual library names and optional DB2 binds or CICS updates.

• Release
  The generated JCL is submitted to z/OS for Promotion (Deploy) to a Test or Production environment.
Leading you from idea to implementation in 3 simple steps.

- **Discovery:** Together we analyze your current development and release process and define the optimal z/OS DevOps solution for your company. We clearly draw the roadmap on how to get there.

- **Pilot:** Next we proof that the proposed solution works. It takes **only 1 week** to deliver our proof-of-concept!

- **Go!** After the POC is finished we have your business case ready, give you a commercial proposal and you can begin implementing the solution.

Read more:
https://www.ibm.com/cloud/blog/announcements/introducing-ibm-wazi-as-a-service
https://wazi.kobee.io