Automating Builds in Git on IBM i



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Agenda



- The Modern Development Lifecycle with Git
- Git Tooling and Automation
- Unlock Automated Builds with ibmi-ci
- ILE Dependency Analysis with Source Orbit
- Demo



The Modern Development Lifecycle with Git

What Does Modern Development Look Like?



Git Repository



Local Development Experience



Build Server





Git Tooling and Automation

Available Tools





Unlock Automated Builds with ibmi-ci

Overview



CLI Usage



GitHub Action Usage





ILE Dependency Analysis with Source Orbit

Overview



Repository Cleanup



Impact Analysis



CLI Usage



Usage in GitHub Action





Demo



Links



ibmi-ci

NPM https://www.npmjs.com/package/@ibm/ibmi-ci

GitHub Repository https://github.com/IBM/ibmi-ci

Source Orbit

Documentation https://ibm.github.io/sourceorbit/#/

GitHub Repository https://github.com/IBM/sourceorbit