20TH ANNIVERSARY EDITION

WSO2CON ASIA

PLATFORMLESS MODERNIZATION

Integrate Data, Apps, AI, and APIs Using BI and Devant



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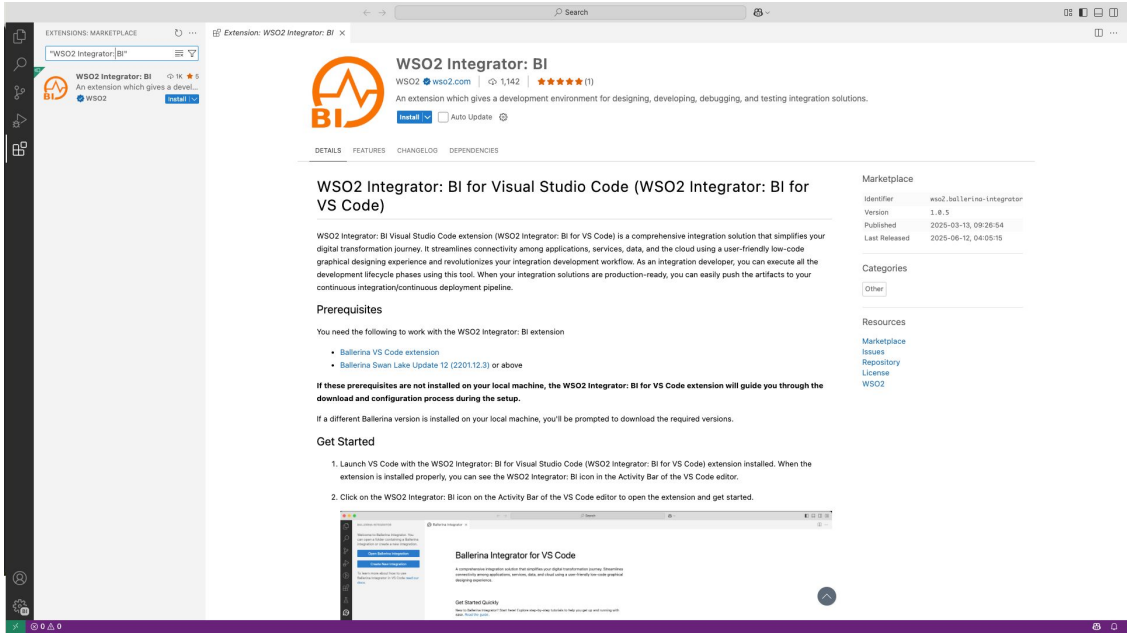


Session outline

- Part 1
  - Introduction to WSO2 Integrator: BI & Devant
  - O2Mart Use Case with WSO2 Integrator: BI
    - Automation
    - Integration as an API
- Part 2
  - O2Mart Use Case with WSO2 Integrator: BI
    - File Integration
    - Database Integration
  - RAG
  - Devant
  - WSO2 Integrator: MI

Prerequisites

- Repository: https://github.com/wso2con/2025-CMB-integration-tutorial
- Install the WSO2 Integrator: BI extension



WSO2 Integrator

100% open source, downloadable software that you can run anywhere.

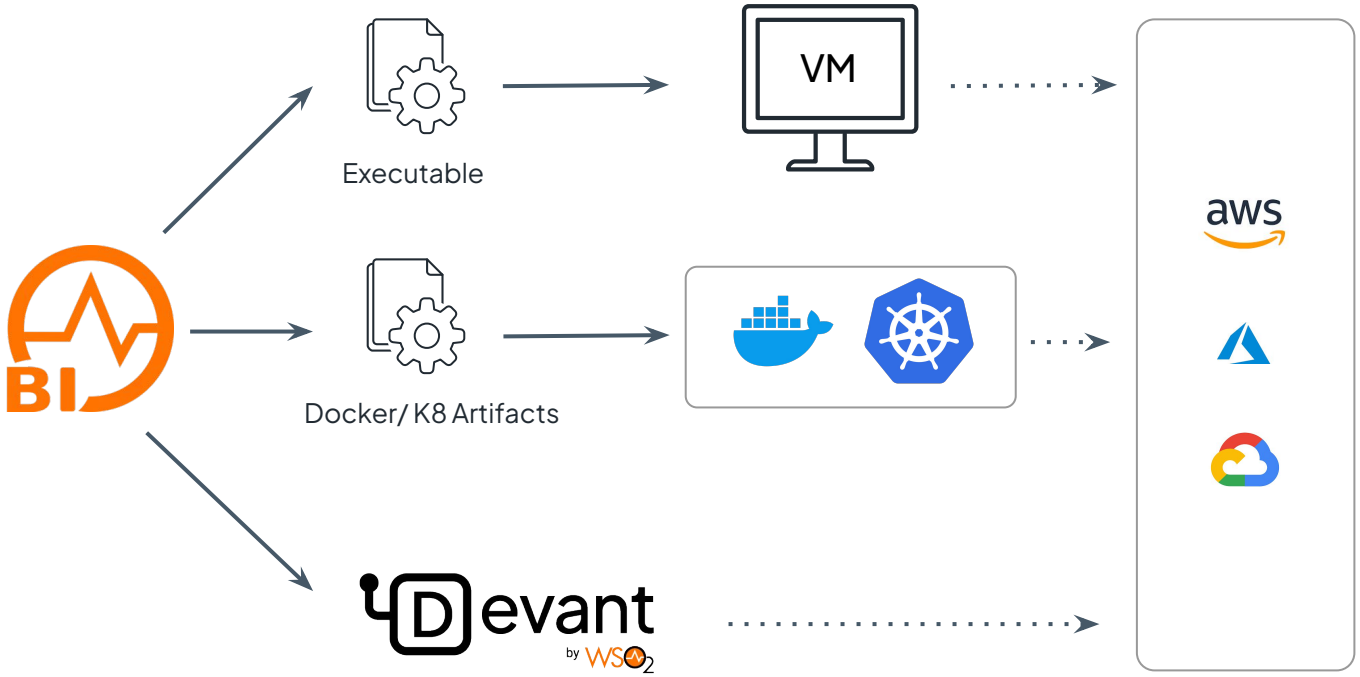
wso2.com/integrator

Devant by WSO2

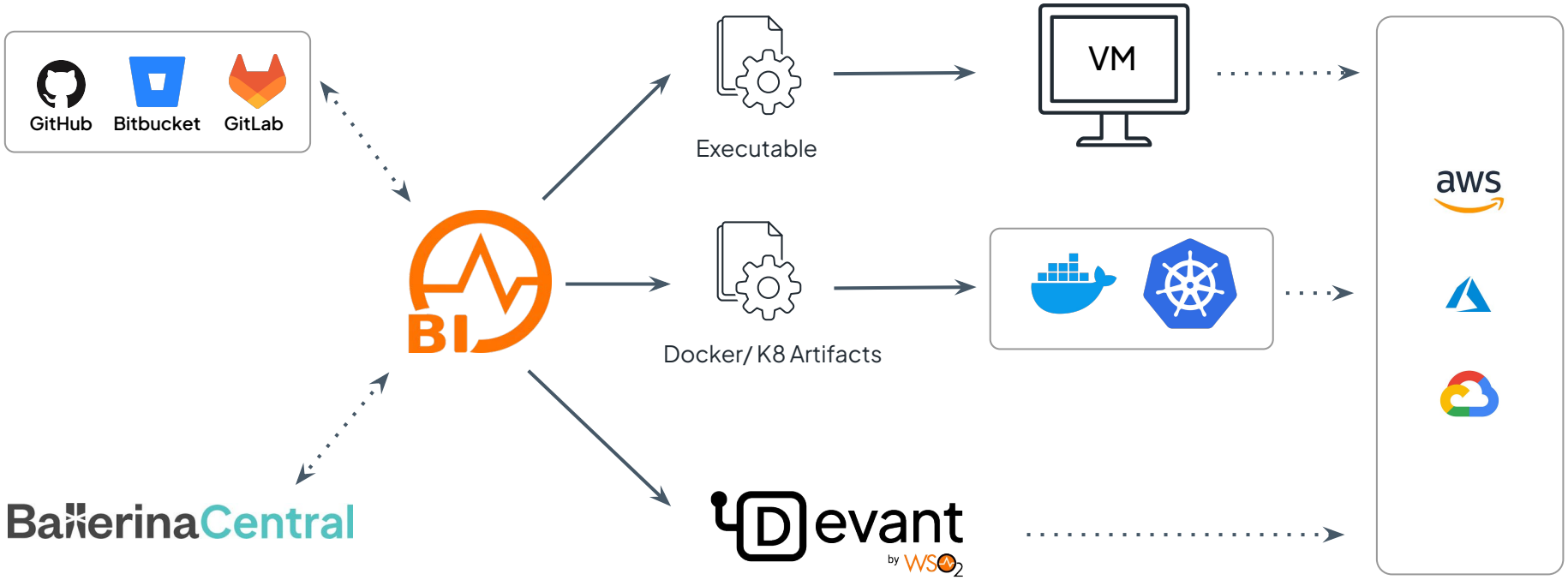
An AI integration platform as a service (AI iPaaS) that we manage for you.

wso2.com/devant

What's in WSO2 Integrator : BI?

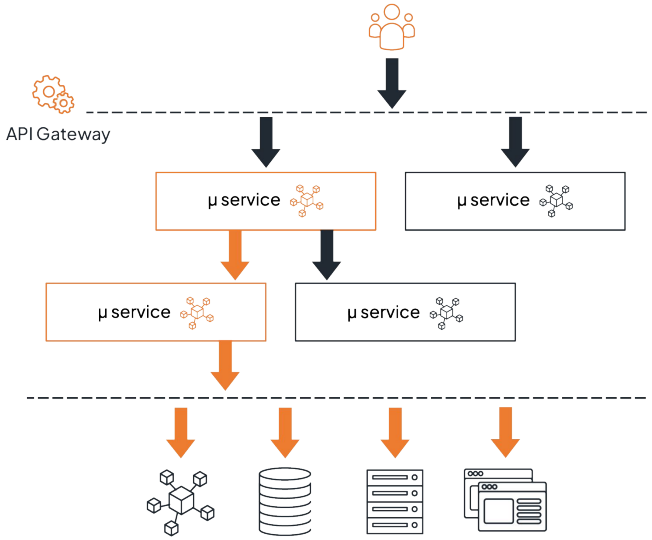


What's in WSO2 Integrator : BI?

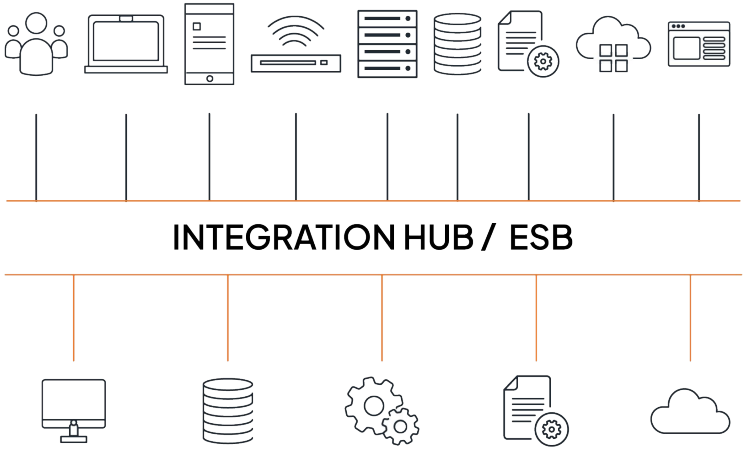


Multiple architectural styles

- Supports both decentralized Microservices-style, or centralized integration hub / ESB-style integration architectures

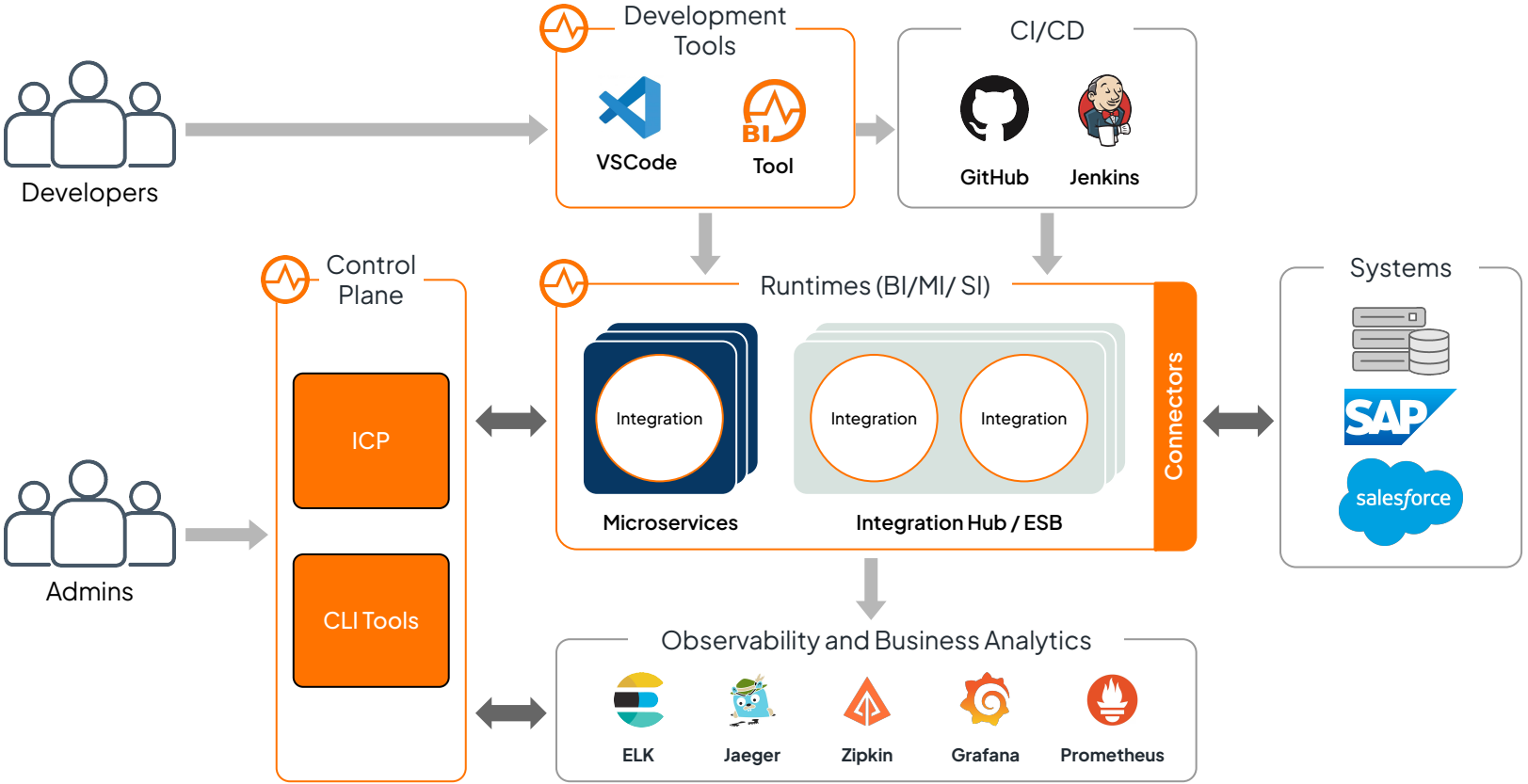


Microservices

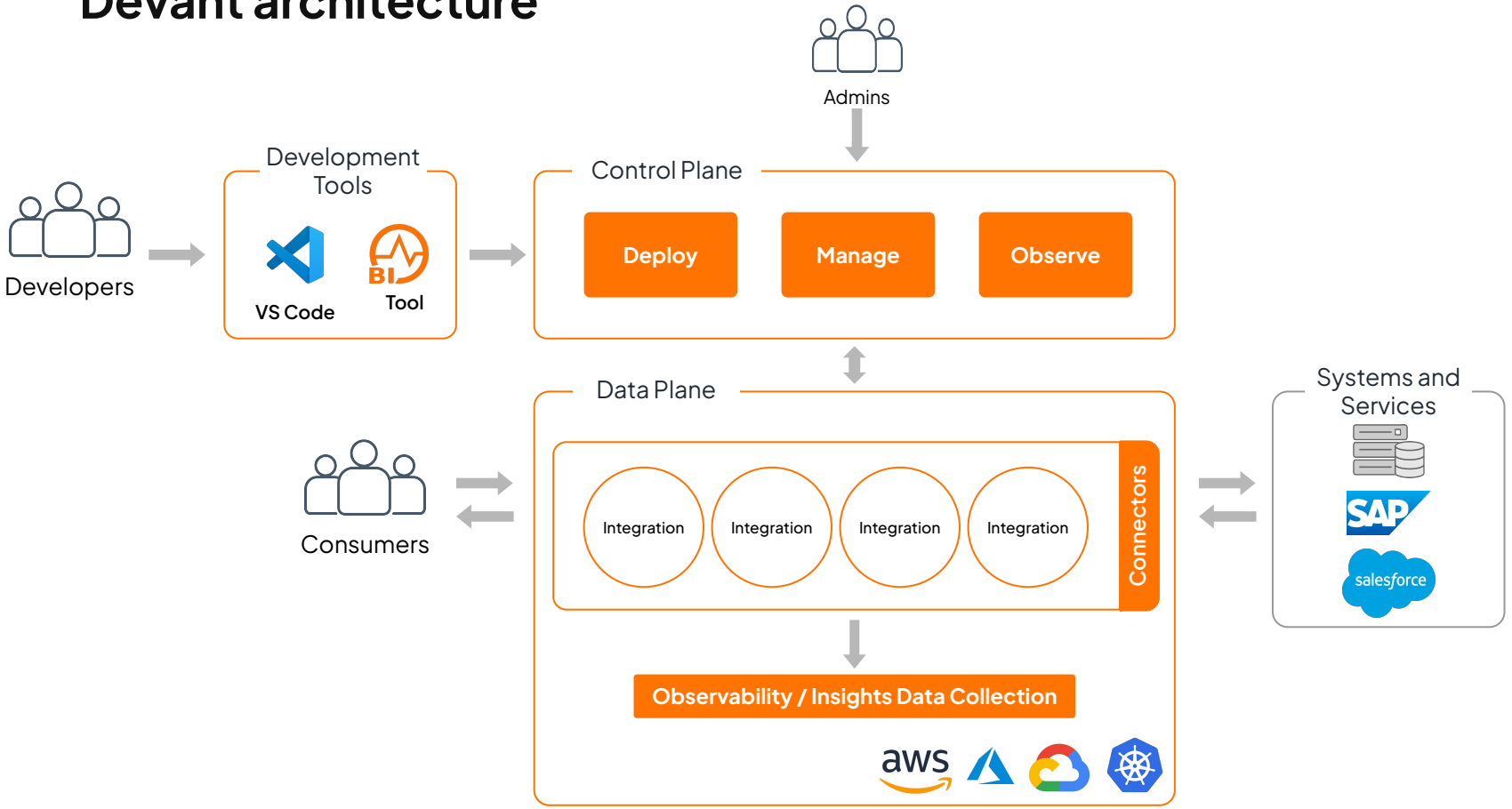


Integration Hub / ESB

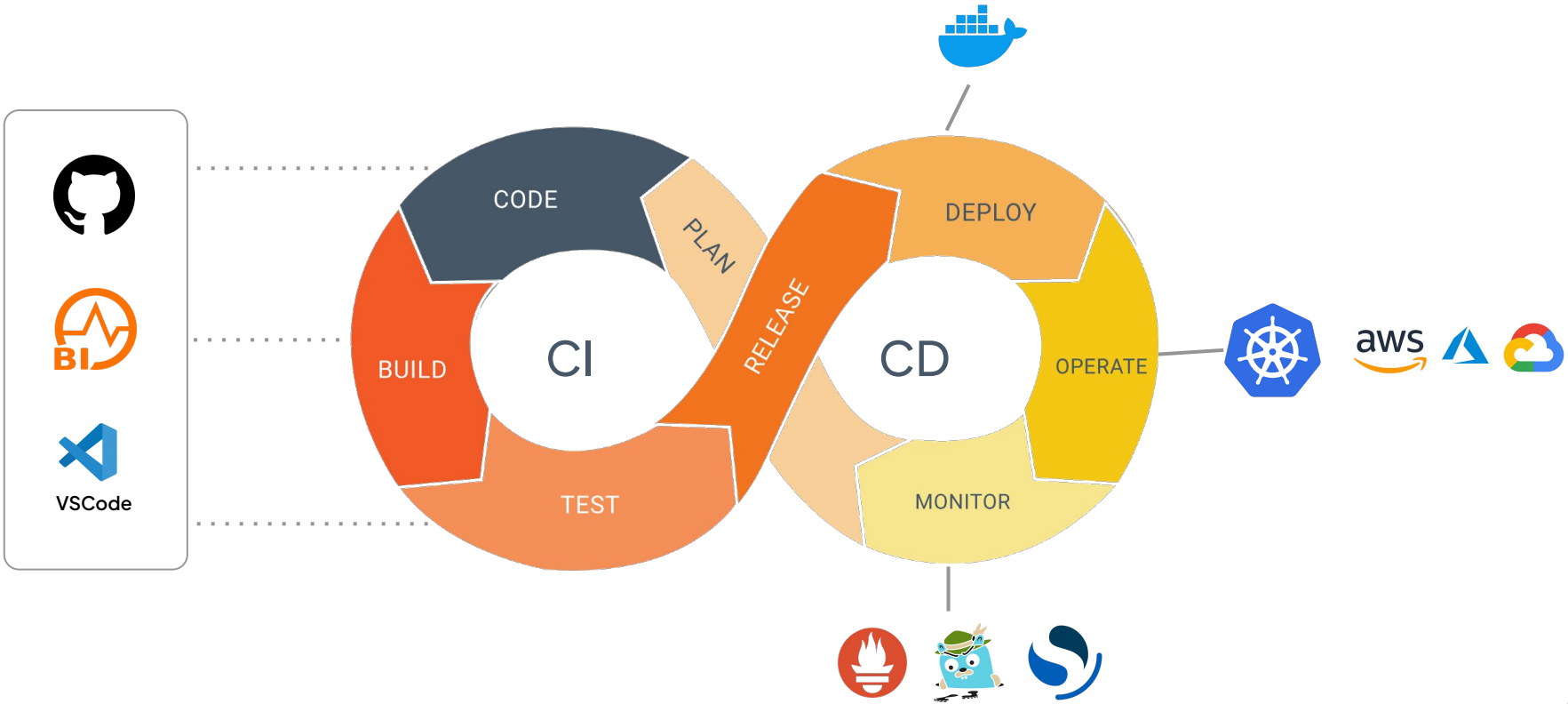
WSO2 Integrator architecture



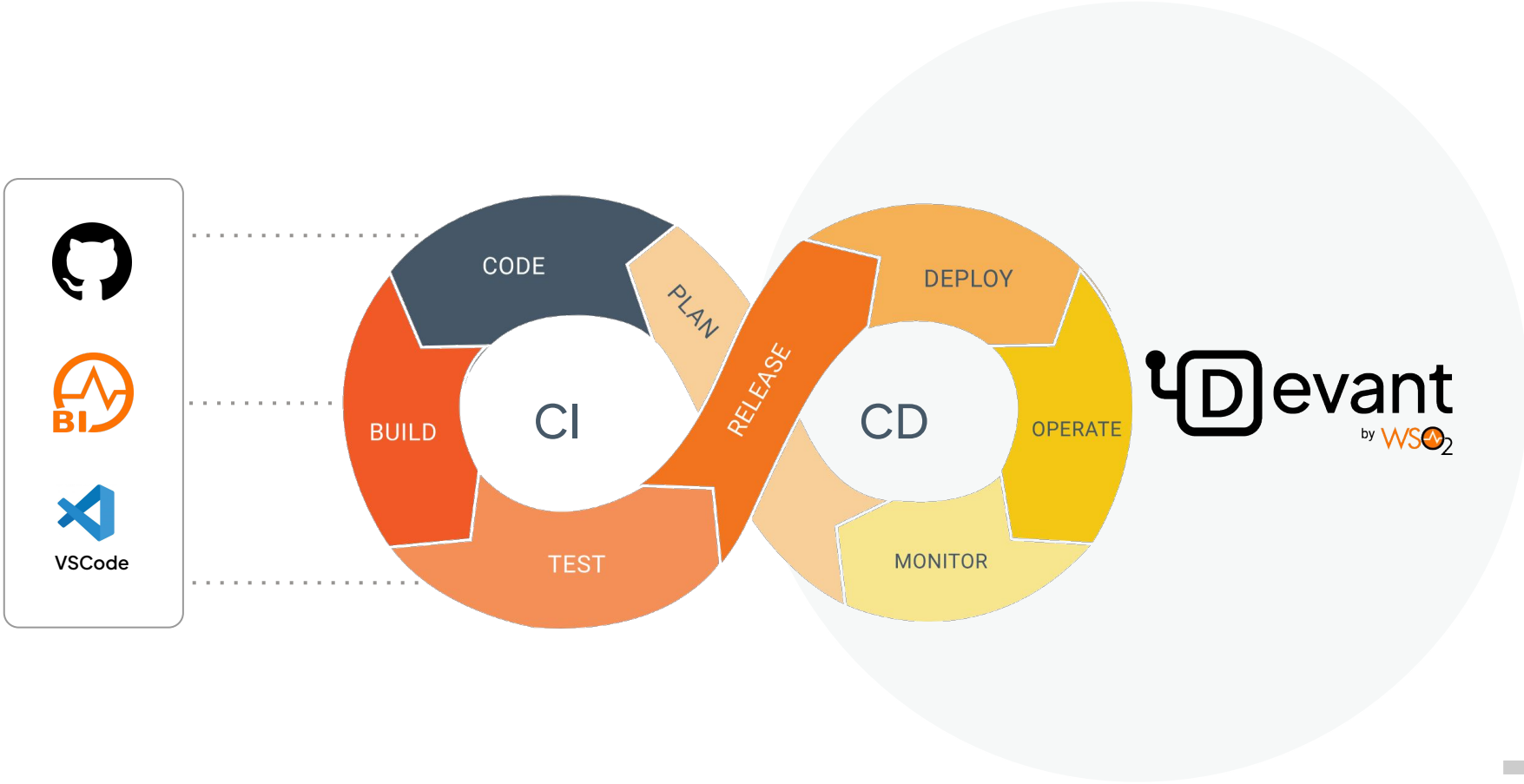
Devant architecture



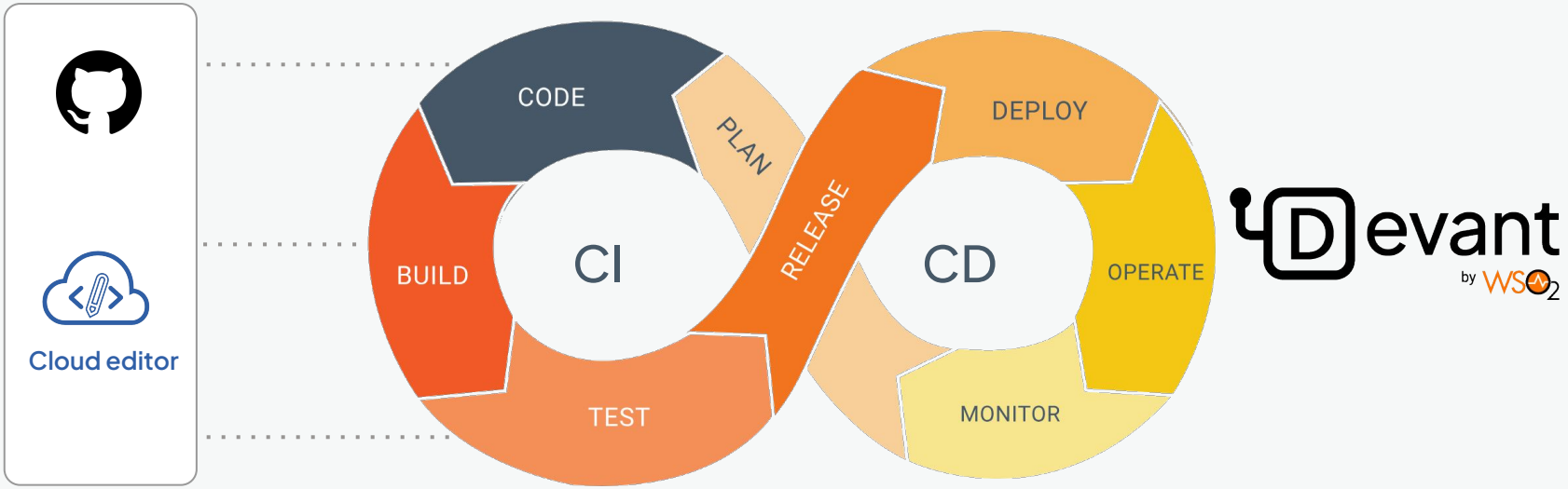
WSO2 Integrator Lifecycle



WSO2 Integrator & Devant Lifecycle

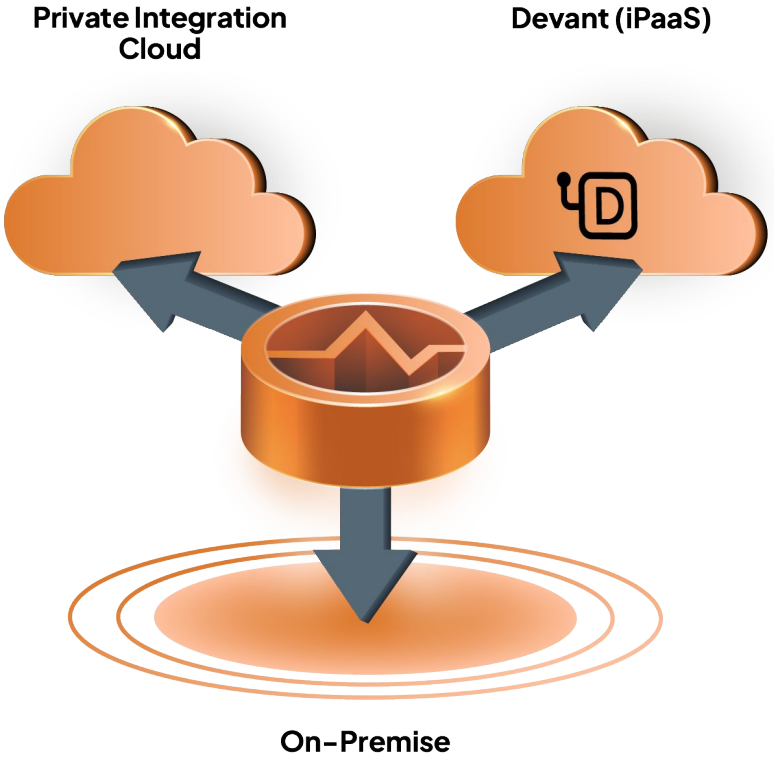


WSO2 Integrator & Devant Lifecycle



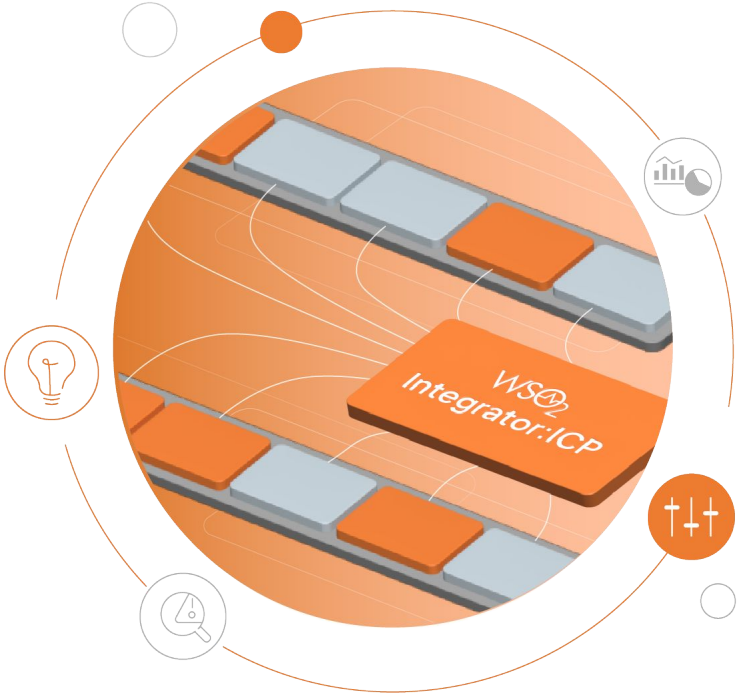
Flexible deployment options

- Supports on-premises, cloud and hybrid deployments
- Customers can manage deployments themselves, and maintain 100% control
- Avoid the hassle of overheads by allowing WSO2 to securely manage your deployment for you:
  - In a private cloud
  - In Devant (iPaaS)



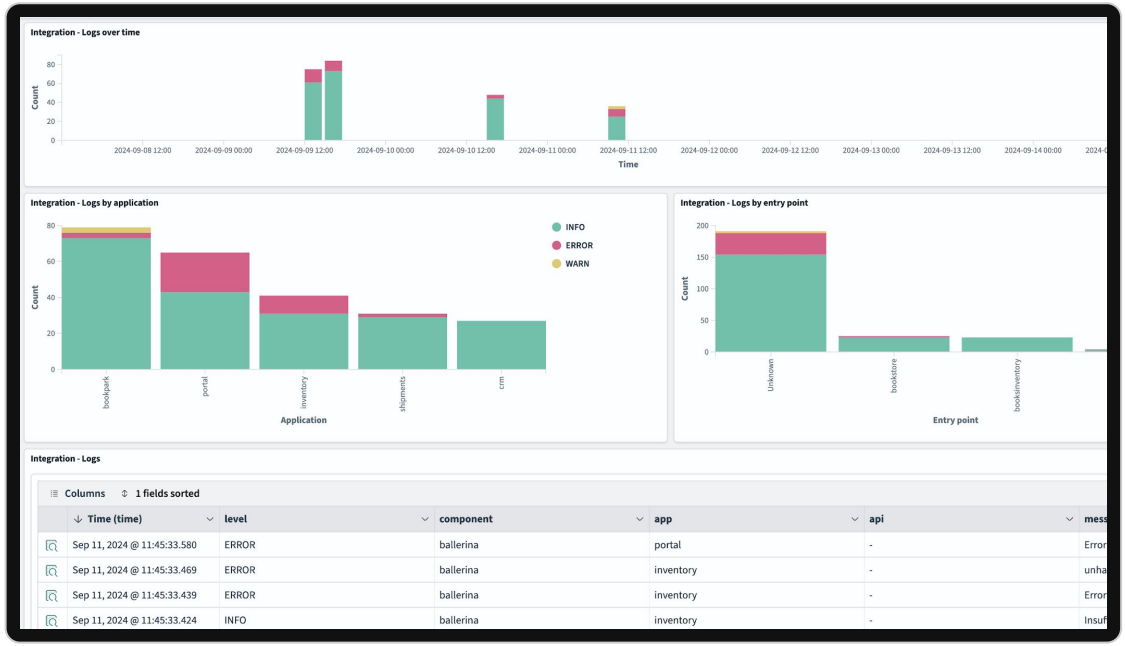
Centralized monitoring and management

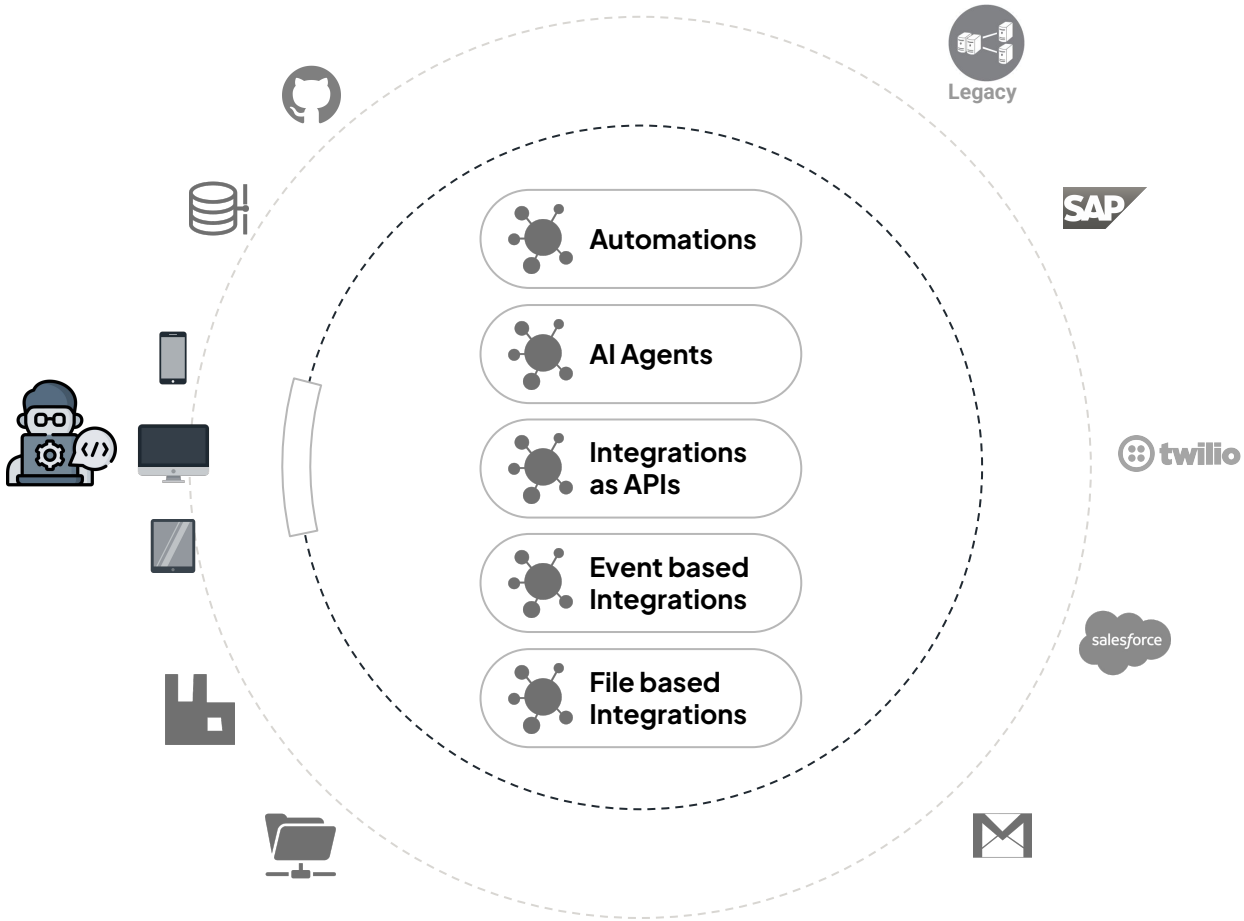
- Monitor and manage all your integrations from a single control plane, and maintain control and flexibility across your integration landscape



Observability

- Observable by any Open Telemetry tool
- Gives complete control and visibility into behavior and performance
- Seamlessly integrated with well-known industry players
  - **Metrics:** Prometheus, Grafana
  - **Tracing:** Jaeger, Zipkin
  - **Logging:** Elastic Stack





Solve any integration challenge

Automations - automatically trigger your integrations based on a timer.

AI Agents - reason and plan with GenAI models, leverage available knowledge, and call available tools.

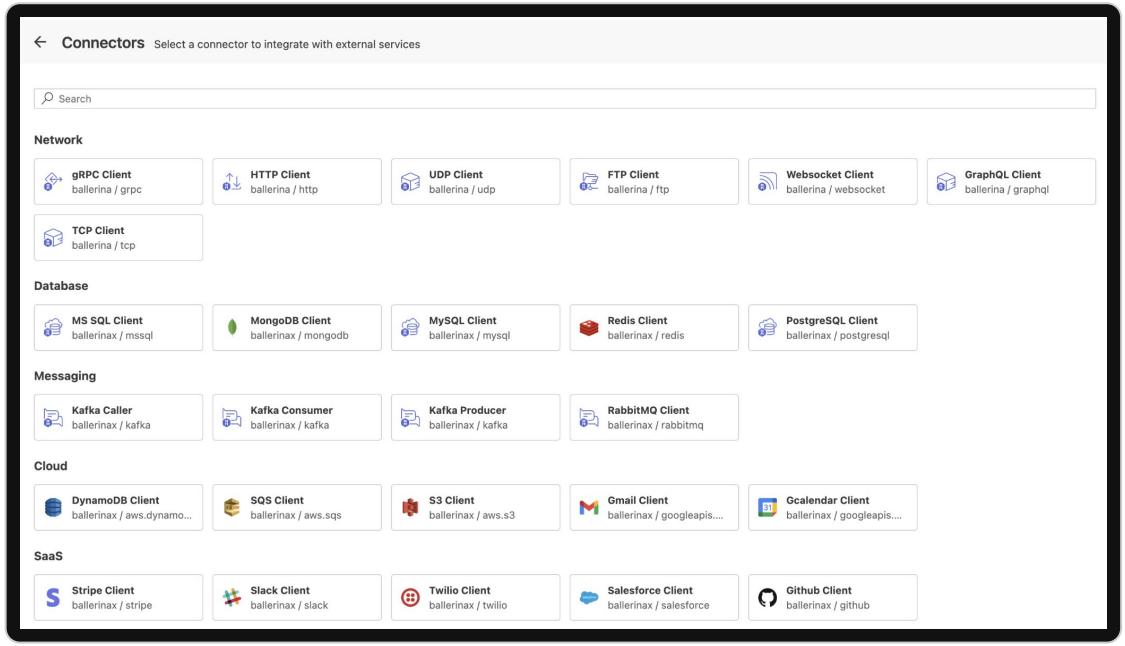
Integrations as APIs - use API requests to trigger your integrations in real-time.

Events - trigger your integrations based on events.

Files - trigger your integrations based on the availability of files in a location.

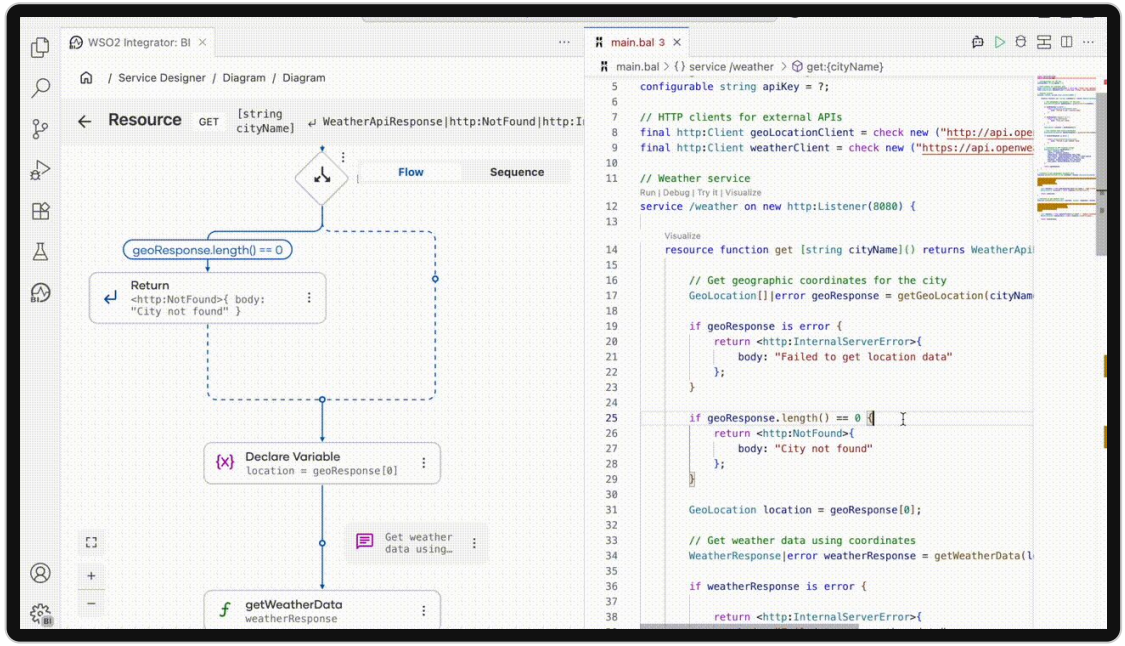
Pre-built connectors and templates

- 600+ pre-built connectors
- Ability to generate connectors using OpenAPI specification, WSDL



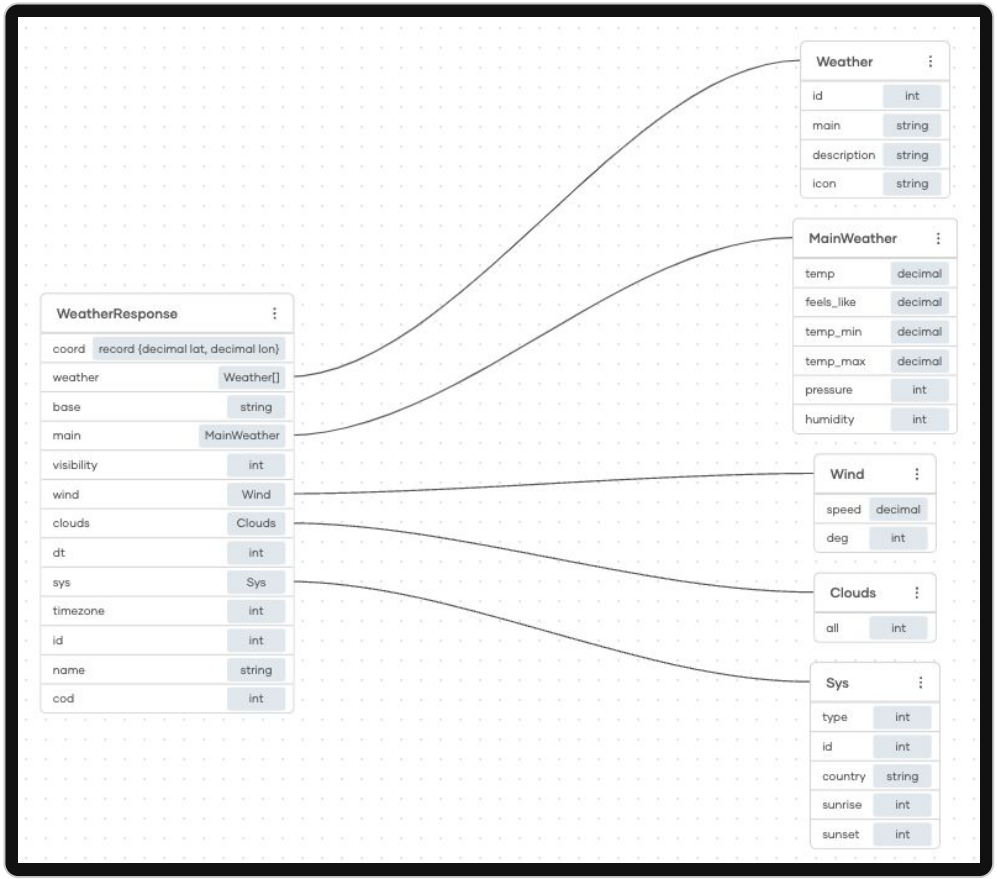
Low-code and pro-code development

- Low-code development with 100% pro-code parity
- **Low-code and pro-code on a single technology**, including fluid switching between the two
- **Enables seamless collaboration** among business users, integration specialists, and developers



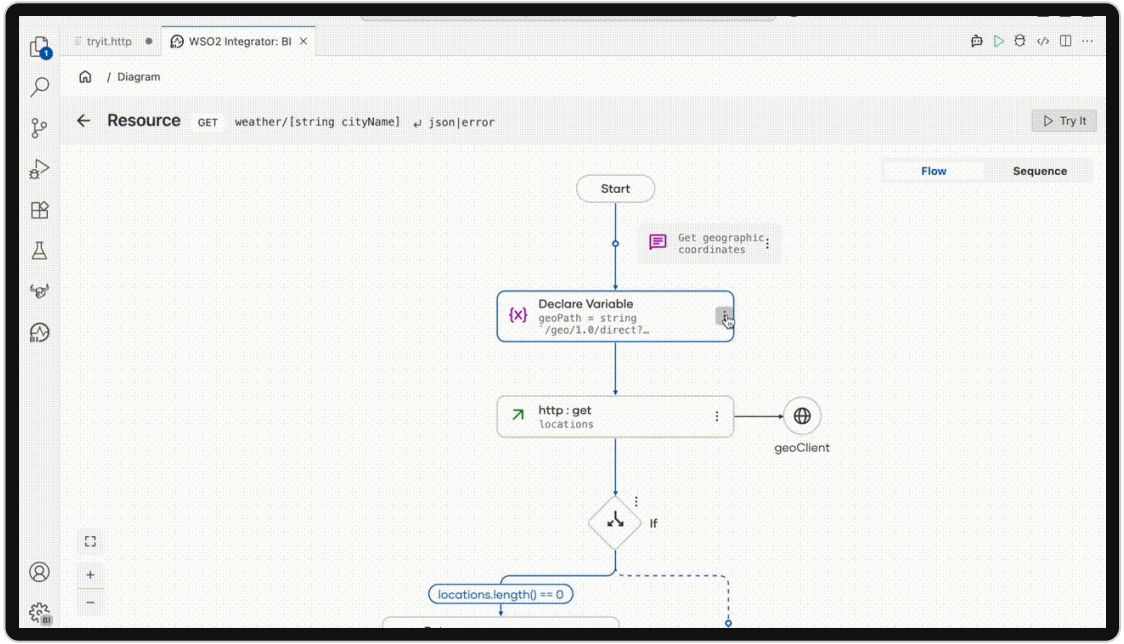
Visualize data

- Easily understand data types, and the relationships between them at a glance
- Useful when using connectors, which requires working with several data types



Simplified debugging

- **Visual debugging** with low-code level breakpoints, and the ability to inspect variables
- **Simultaneous** low-code and pro-code debugging



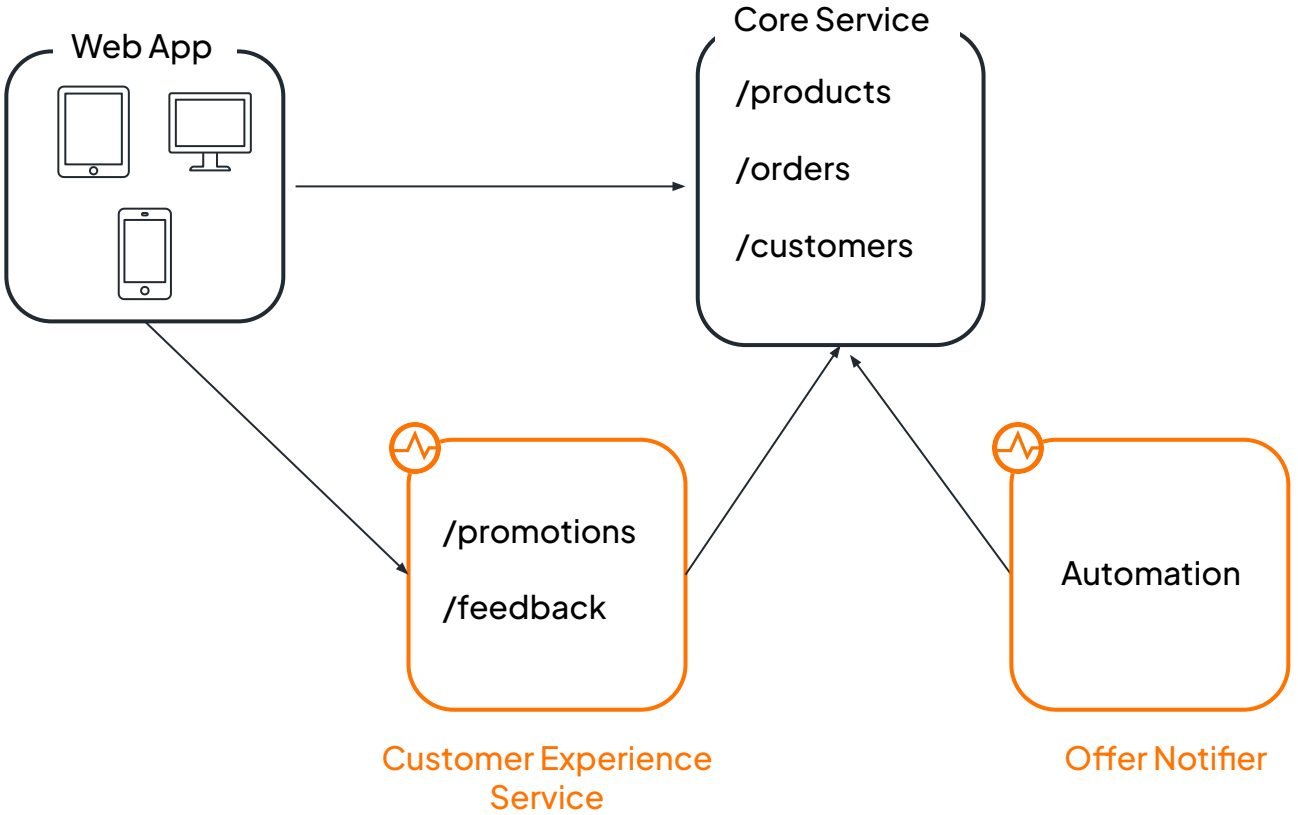
O2Mart Use Case



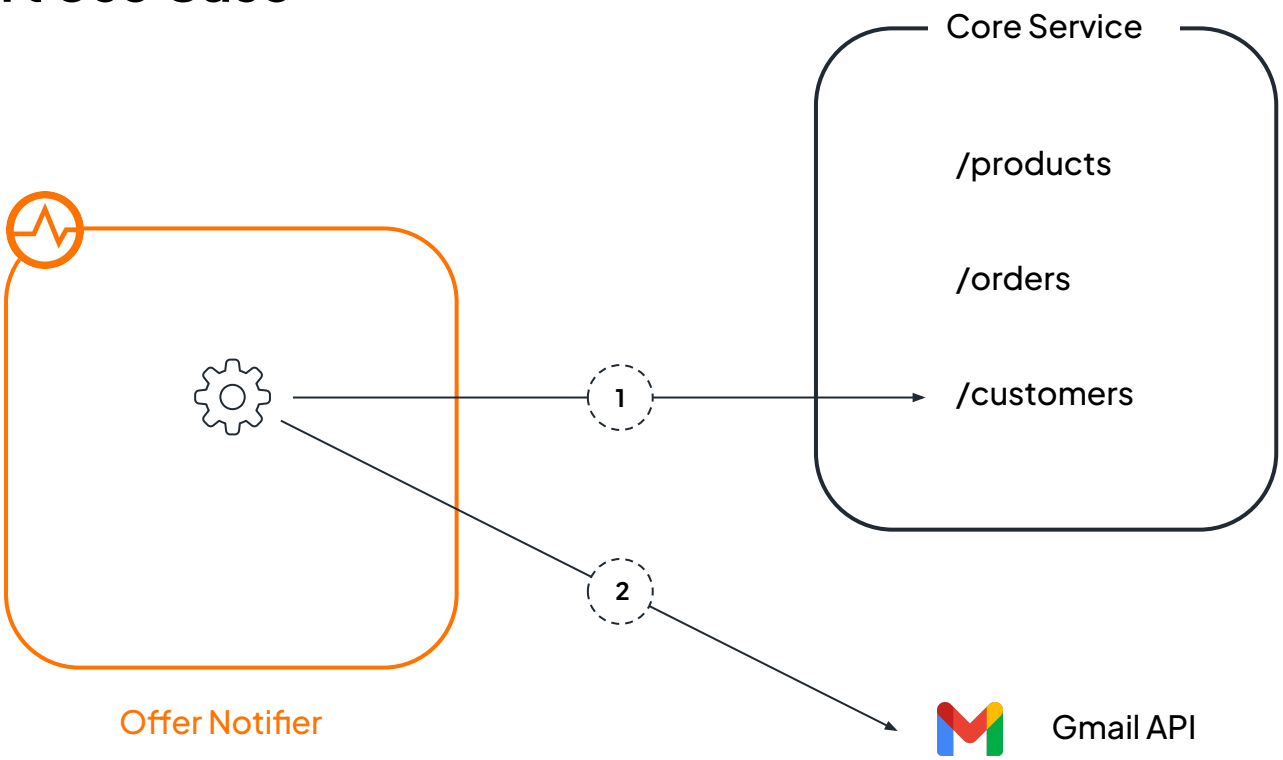
O2Mart Use Case



O2Mart Use Case



O2Mart Use Case

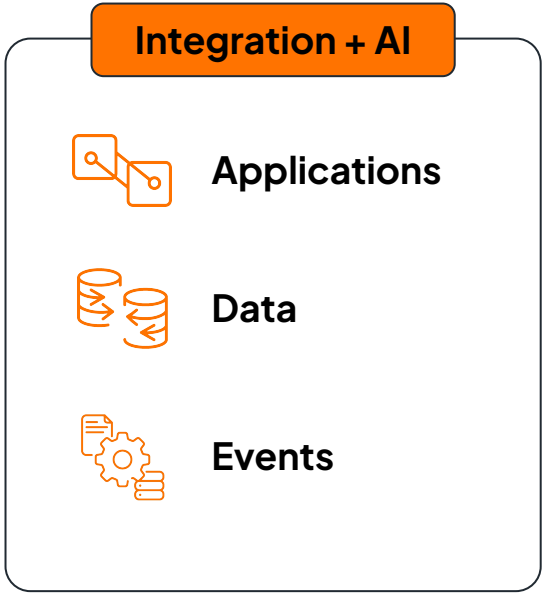


Demo

Integrate your apps, data, events, and AI

AI for Integration

Enhance the integration development experience, and increase productivity using AI.

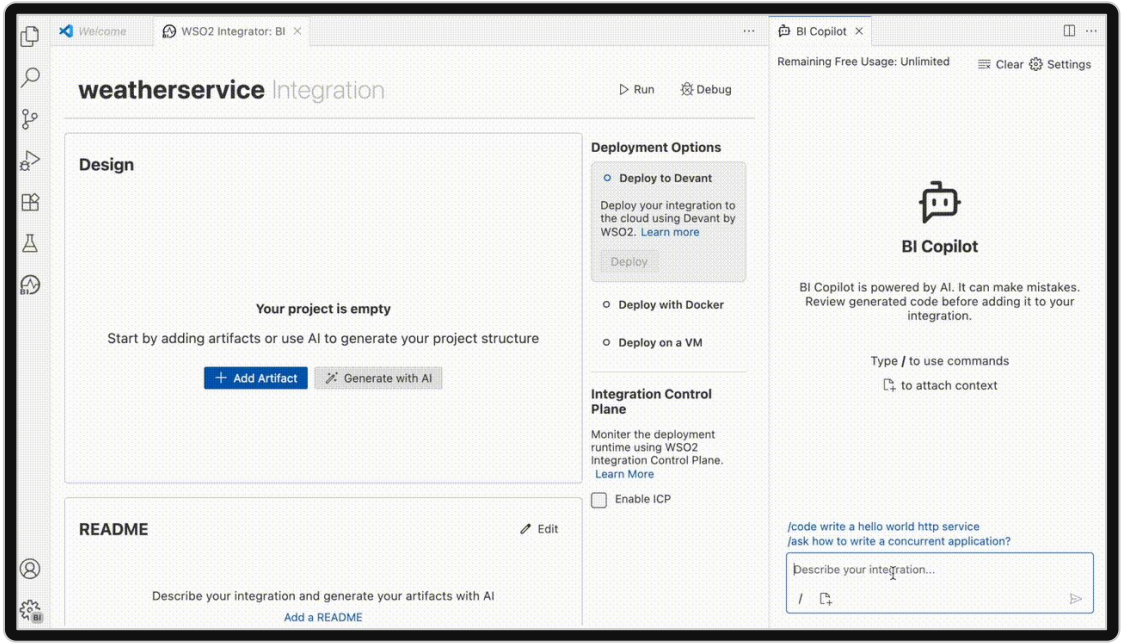


Integration for AI

Integrate AI into your digital experiences, and build **intelligent** digital experiences.

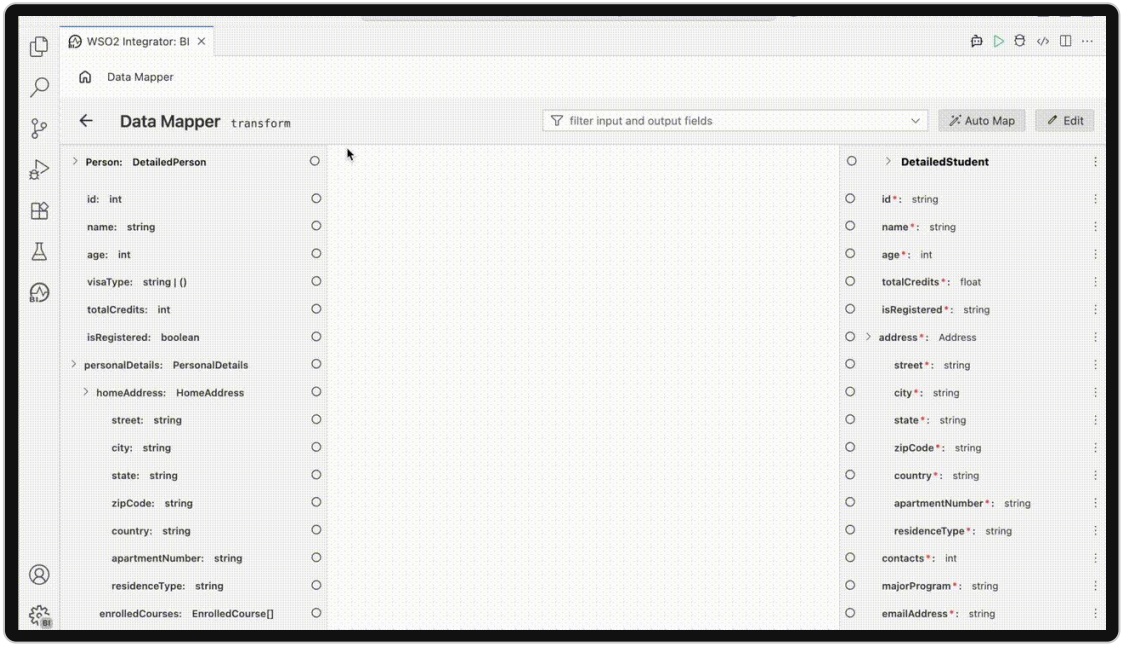
AI-assisted development

- Describe your integration requirements in natural language, and **have AI generate the code for you**
- **In-line code suggestions** when adding constructs
- Natural language-based **interactive development**



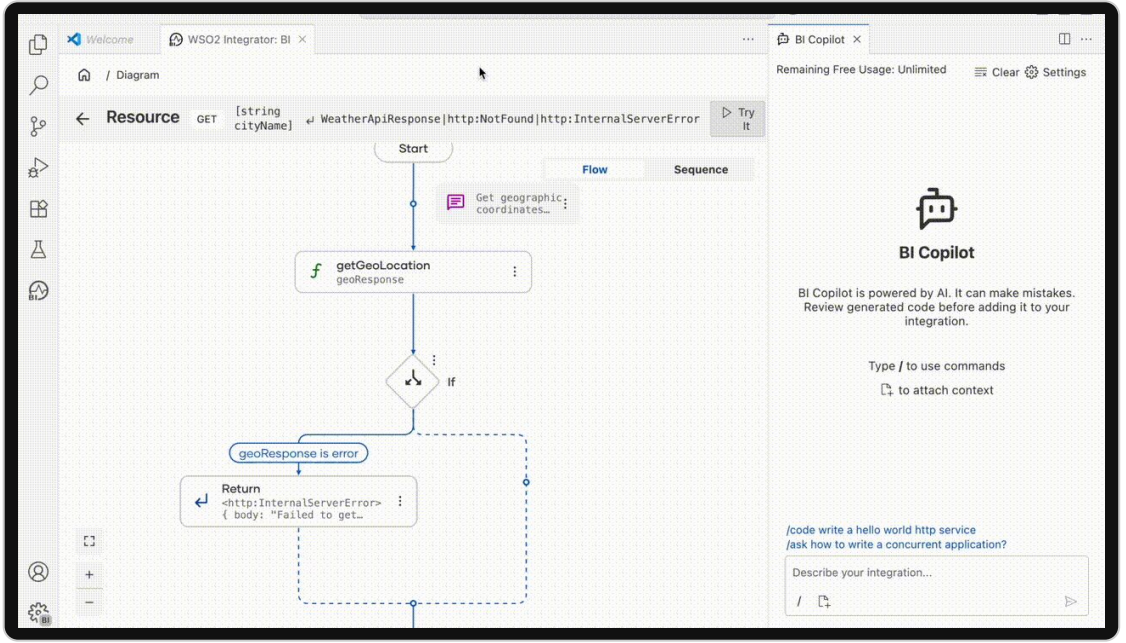
AI-assisted data mapping

- **Automatically map data fields** between the source and target schemas using AI
- Transform data from any format using a graphical interface
- Upload documents to provide additional knowledge, and assist the data mapping
- Directly import JSON and XML data values, perform array-to-array data transformations, write custom expressions, and more



AI-assisted testing

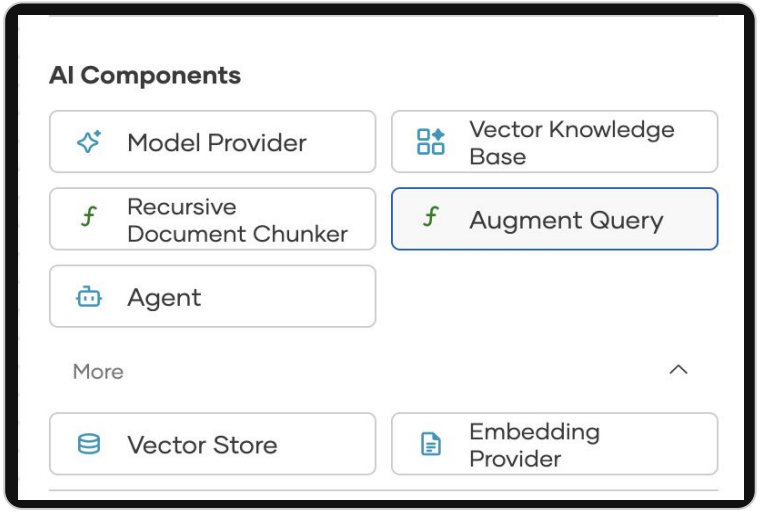
- **AI-powered test framework** to automatically generate test cases

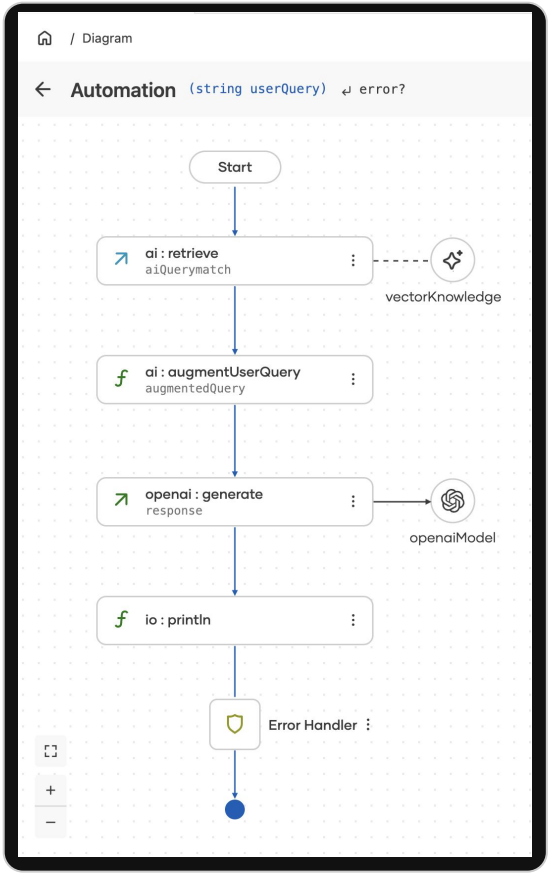


Integrate AI to build intelligent integrations

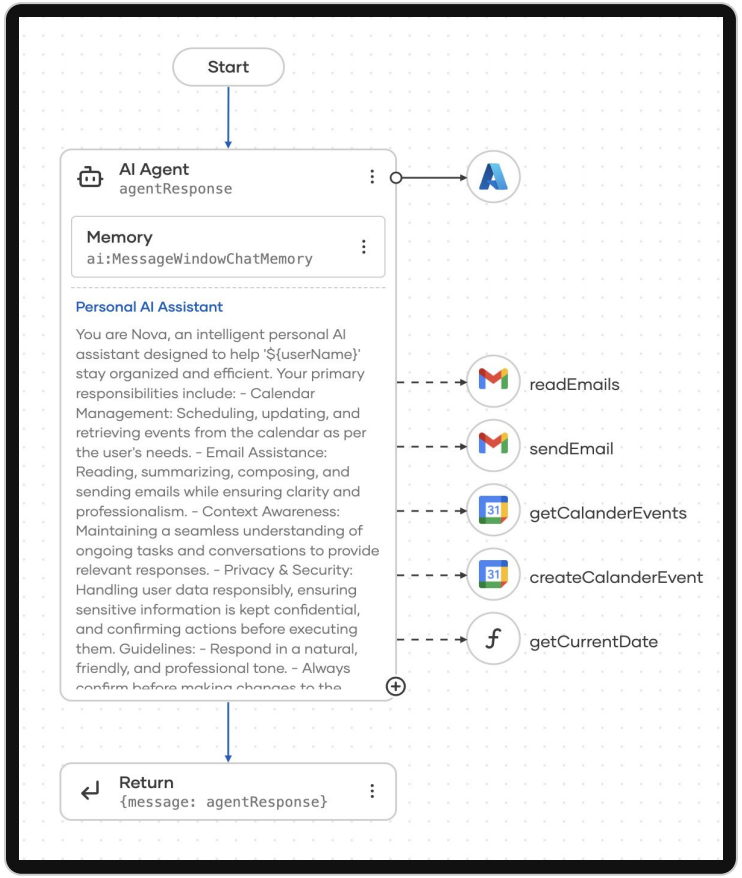
- Seamlessly integrate calls to LLMs, AI agents, Retrieval-Augmented Generation (RAG), and more into apps to create **intelligent digital experiences**
- Comprehensive connectivity to generative AI models, knowledge bases, and tools (APIs, functions, services)

RAG applications





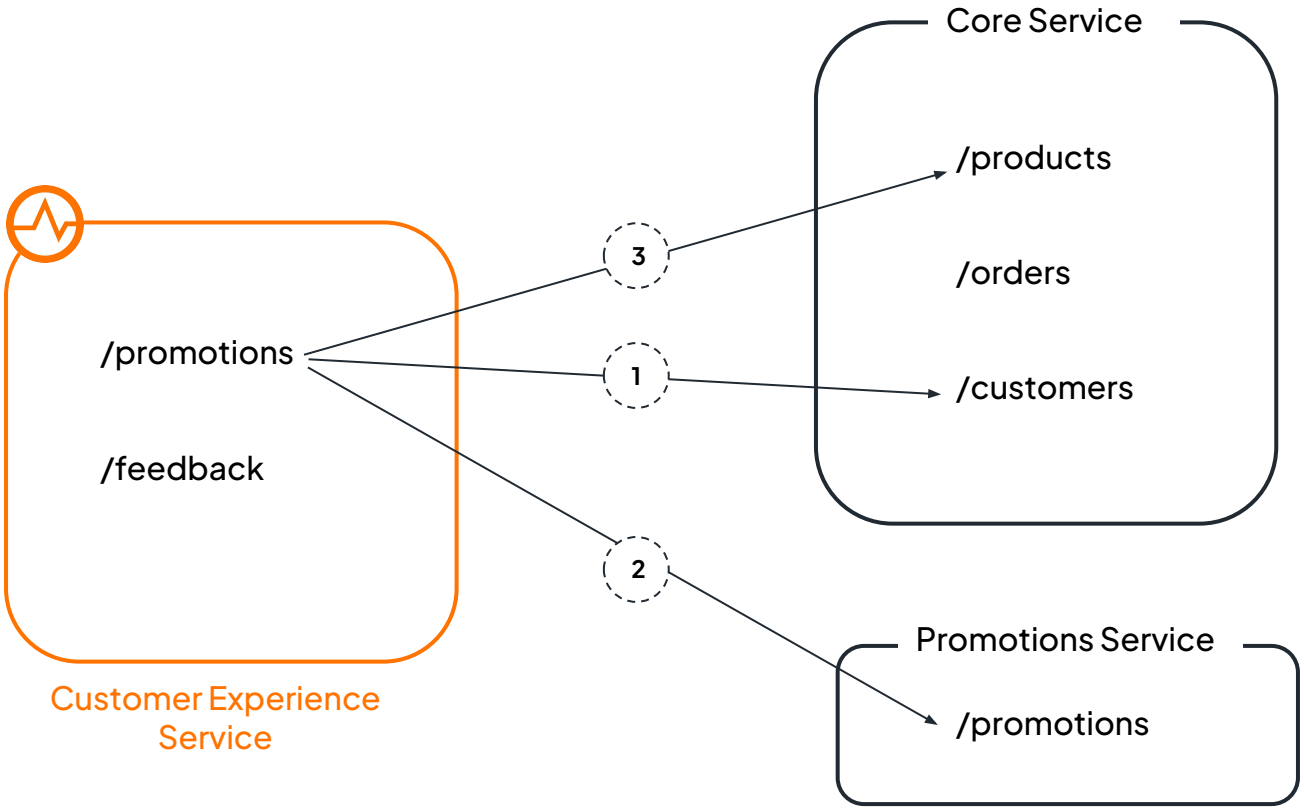
Build AI agents



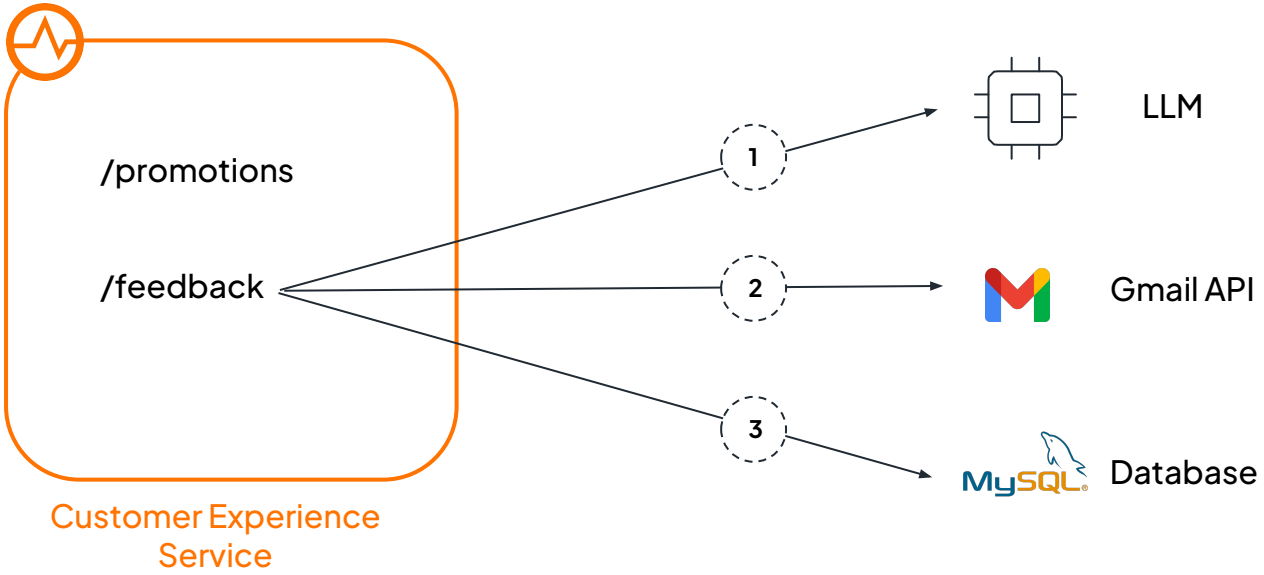
O2Mart Use Case



O2Mart Use Case



O2Mart Use Case



Demo

Question Time!




Thank you!
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