Adaptive Integration Fabric Platform

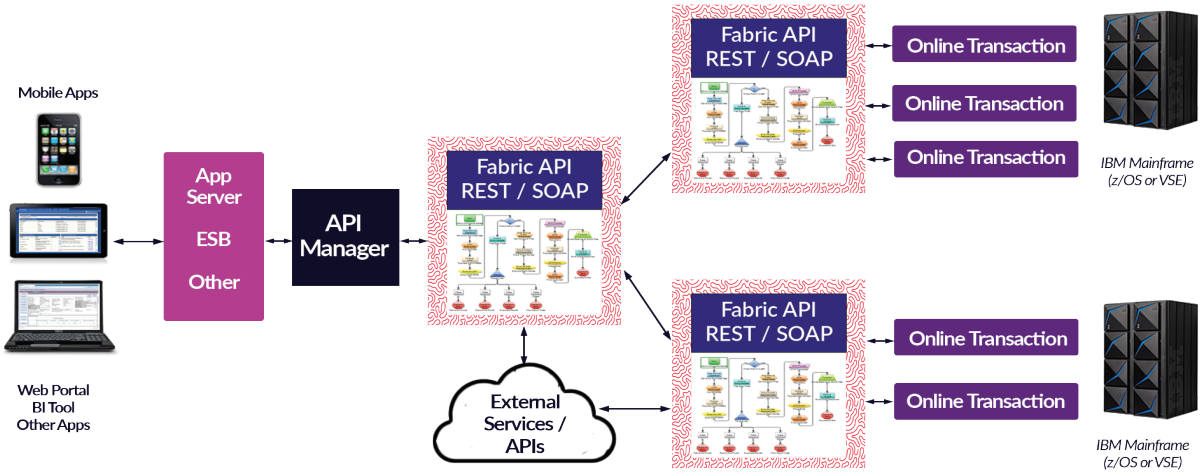
Mainframe APIs for Digital Transformation

IBM System Z & VSE Mainframe Platforms

Adaptive Integration Fabric: The Legacy to Anywhere Platform

Adaptigent's Adaptive Integration Fabric technology facilitates the integration of mainframe transaction systems running under online environments (CICS, IMS, IDMS, 3270) with other business applications, by providing APIs built to automate a business process involving multiple backend transaction dialogs. Adaptigent's 'Intelligent Orchestration' workflows provide usable business-oriented services.

Regardless of the technologies and business initiatives that are driving your organization's digital transformation and modernization efforts, Fabric provides a 'universal gateway' to integrate with the core transaction systems running on your IBM mainframe.



Fabric's ability to orchestrate a dialog with multiple mainframe transactions, via any backend connector or microservice API, greatly reduces the level of complexity that the frontend business apps have to handle. Reusable transaction-level APIs can be built and then combined into composite APIs that are designed around specific business functions, and shared by any consumer application or technology layer.

Fabric's intelligent orchestration workflow handles error and other exception conditions that may occur while dialoging with the mainframe online systems, and filters out large amounts of data returned by the backend transactions that are not needed by the requesting apps, reducing network traffic and exposure of sensitive information.

Fabric is also designed to handle challenging mainframe application constructs including COBOL REDFINES and OCCURS DEPENDING ON definitions, multiple page responses and screens with macro-level logic.

Fabric can automate a screen dialog with any online application using its TN320 Gateway, even if the application is external to the organization.

Fabric also enables mainframe (online and batch) programs to make outbound calls to external services, such as geo services, distributed databases, rating engines, security checks, and more.

Fabric orchestrations are designed using a Windows-based drag-and-drop development toolkit, called the Adaptive Integration Fabric Studio. No low-level coding or scripting is required!

There are several options available for the Fabric runtime environment, both on and off the mainframe: running Fabric under z/OS as a started task, running Fabric under Linux on z on an IFL or LinuxOne, running Fabric on an off-mainframe Windows/Java or Linux server, or running a hybrid implementation across multiple environments.

The Adaptive Integration Fabric Supports:

- Easy creation of both REST and SOAP APIs
- Support for all platforms, languages and data
- Bi-directional Web services
- Unprecedented IMS TM, providing the industry's only support for conversational IMS, multiple segment and variable length output messages.
- Support for modern data types (i.e., images, video and other binary formats) via Message Transmission Optimization Mechanism (MTOM)
- Support for JSON Web Tokens (JWT)
- OpenAPI Import to aid in API creation
- PL/1 parser for WIDECHAR and WCHAR
- Secure Connection for IMS Connect

Adaptigent is the legacy to anywhere platform that allows organizations to take mission critical data and transactions and connect them with the modern world, without writing a single line of code. The company's products, led by the Adaptive Integration Fabric, help IT organizations provide real-time, business-ready results by creating a dynamic, no-code layer that allows modern applications to access the full treasure trove of data trapped on legacy systems. Built on a 35+ year history of digital transformation expertise, it is trustedby many of the world's largest companies — Credit Suisse, Nationwide Insurance, Lockheed Martin and Caterpillar — to accelerate their digital transformation.

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