

Apigee + OpenLegacy: Combining Best-of-Breed Legacy API Creation with API Management

Apigee Edge, now part of Google, is a leading API Management platform available both on-premises and in the cloud. Customers can build and deliver modern applications faster, execute at scale and optimize costs. You also can leverage the Google analytics engine for even more power.

However, many enterprises have issues establishing APIs from their legacy systems, including mainframes, mid-range systems, applications and databases. Typically, in these organizations, ESB/SOA layers add time-consuming complexity and risk. Furthermore, even once the APIs are created, the integration performance and speed is often affected by these layers. All of these issues can lead to delays which effect budgets, staff resources, time-to-market and total cost of ownership.

This is where OpenLegacy's integration with Apigee can help. OpenLegacy's platform is a new way of integrating with legacy systems. OpenLegacy's benefits include:

- Automatic code generation - Generation of microservices-based SDKs and APIs - automatically.
- No legacy skills needed - Logic is quickly and easily generated by a single Java developer.

- Extremely low latency - The connection to the legacy system is native and direct, delivering optimal performance.
- Everything generated is Java code - We use standard frameworks like Spring Boot and Maven to make the results easily understandable, modifiable, and available to the customer.
- Designed for microservices and DevOps - OpenLegacy's code is built as a native microservice that contains the API and is easily deployable to any cloud.

A key advantage of OpenLegacy are our microservice-based APIs which make the API and the connection to the legacy system self-contained. Gathering everything inside a microservice makes it consumable by application, and launchable inside containers. This also means that your workflow will not need to depend on any additional components, such as IBM's MQ or CTG, middleware or SOA architecture tools. Instead, the workflow can connect directly to the legacy system through the OpenLegacy SDK. Since the workflow encapsulates the SDK, there are no additional outside dependencies, so performance is excellent and component generation is efficient. Additionally, the demand for dedicated hardware and software resources is reduced dramatically.

OpenLegacy provides a tremendous amount of flexibility in implementing and maintaining legacy integrations because you get template-based customization and complete access to the code of the microservice project. Therefore, OpenLegacy complements Apigee's power to improve and beautify the APIs by adding code standardization, business logic, orchestrate and many other capabilities to the SDKs and APIs.

OpenLegacy's templated nature ensures that when releasing new versions of the Apigee platform, it will be very easy to maintain compatibility with the connectors. Just introduce the needed

changes into a template, and the integration code will generate according to specifications. This also applies to any component or cross-cutting concern introduced into the automatic code generation process of the OpenLegacy connectors.

The most elegant way to deploy a productive API environment is to let each solution do what it does best. Together, Apigee Edge focuses on enhanced API Gateway tasks and management and OpenLegacy focuses on direct, simplified, automated access to your Systems of Record.

About OpenLegacy

OpenLegacy accelerates delivery of innovative digital services from legacy systems in days or weeks versus months. Our microservices-based API integration and management software reduces manual effort by automating API creation, simplifies the process by avoiding layers of complexity, and improves staff efficiency and API performance. Our software directly accesses and extends business logic to web, mobile or cloud innovations in the form of Java objects, REST APIs, ODATA APIs, or SOAP. Most importantly, this process is not only fast, easy and secure, but also does not require special staff skills or changes to existing systems or architecture. Together, business and IT teams can quickly, easily and securely meet consumer, partner or employee demands for digital services without altering or replacing core systems. Learn why leading companies choose OpenLegacy at www.openlegacy.com.



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