

OpenLegacy Serverless Technical Datasheet

Overview

OpenLegacy solves a critical challenge for organizations with legacy infrastructure looking to deploy serverless functions – limiting load and run times – with a serverless platform engineered to generate these functions as Node.js rather than Java. The platform enables users to create, test, and deploy functions, using OpenLegacy’s patented technology to connect to legacy backends without changes to the underlying application. The fact that serverless functions get loaded into and out of memory frequently (and users get charged by the processor time) leads to a unique set of considerations when building these functions:

Requirements

- Low cold start times
- Low memory consumption and bundle size
- Fast process time

Pitfalls to avoid

- State-driven behavior (wait time results in unnecessary payment for processor cycles)
- Choreography and orchestration (handled by cloud vendor)
- Libraries including a JVM (long initialization time)

OpenLegacy Serverless was built with these requirements and constraints in mind. How does it work? Simple. At its core, OpenLegacy Serverless is built to enable you to create, test, and deploy functions in a low-code environment – with access to legacy platforms including mainframes (CICS, IMS), SAP, Oracle, and SOAP



Create, test, and deploy functions on any cloud platform



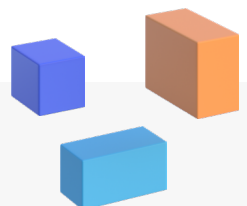
Patented technology connects to legacy systems

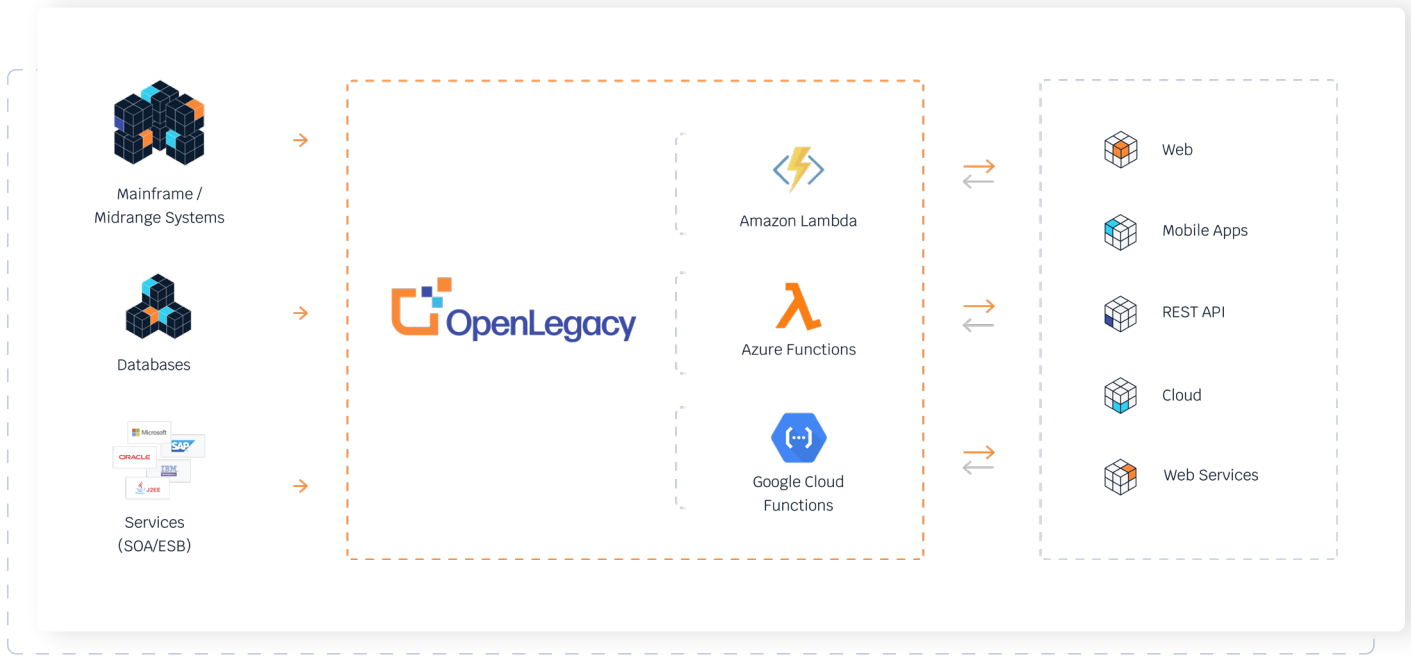


No changes to underlying application



Low-code design facilitates measurement, reporting, and automation

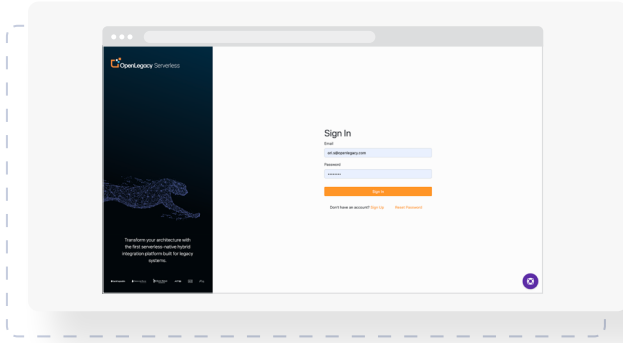




Let's take a look at how a user uses it.

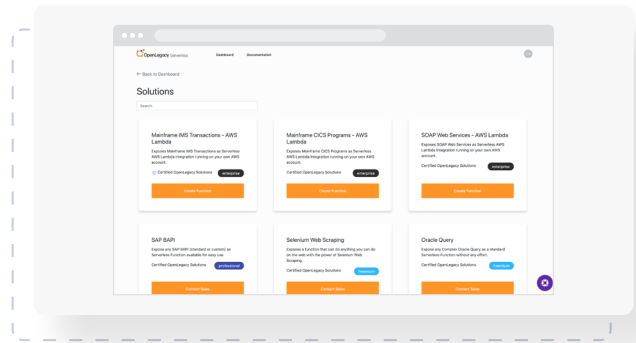
01

Create a new function with OpenLegacy Serverless



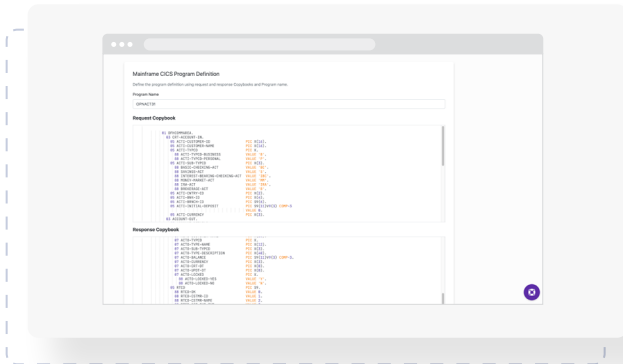
02

Connect to the legacy system using a connector .e.g. CICS



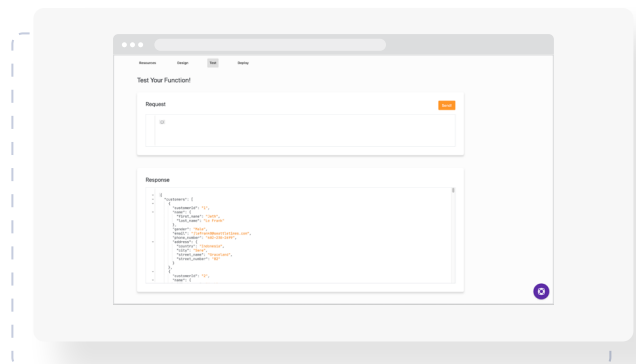
03

Parse the code from the legacy asset (e.g., COBOL)



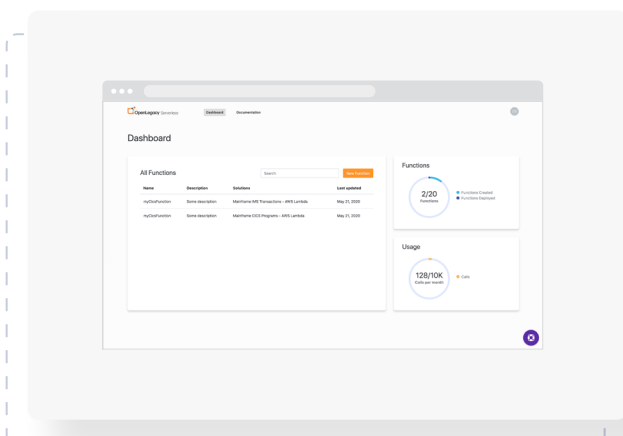
04

Set up and test an API request



05

Manage serverless function deployment e.g. AWS



About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and more efficiently than ever before. It connects directly to even the most complex legacy systems, bypassing the need for extra layers of technology. It then automatically generates APIs in minutes, rapidly integrating those assets into exciting new innovations. Finally, it deploys them as standard microservices or serverless functions, giving organizations speed and flexibility while drastically cutting costs and resources. With OpenLegacy, industry-leading companies release new apps, features, and updates in days instead of months, enabling them to truly become digital to the core.

