OpenLegacy
Digital to the Core

Datasheet

Digital-driven integration for legacy (core) systems

Key Benefits

OpenLegacy's platform for digital-driven integration revolutionizes the way core systems are extended to create digital innovations. Our patented approach cuts through layers of complexity to improve the way API integration is done.

Create APIs 10x faster with automatic code generation

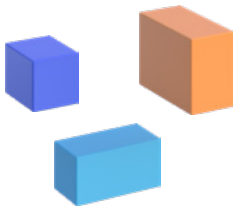
- Automatic Java generation of microservice-based APIs
- Automatic generation of nodeJS serverless functions
- Generation of digital assets from 50+ types of back-end systems
- Easily customizable: Only Java or nodeJS skills required
- Templates for automation of customer specific APIs
- Integration to Compuware Topaz for direct mainframe development support
- Generation of COBOL code from API specifications

5x faster API performance due to direct to legacy connections

- Direct connection to legacy systems, mainframes, applications & databases
- Bypass middleware for better API performance, reduced complexity and lower Total Cost of Ownership (TCO)
- No changes to the back-end system are required
- Quickly customizable for proprietary back-ends

Fast deployment with more options

- Immediate external or internal deployment as microservice-based APIs
- Deploy functions easily into any serverless cloud
- Deploy into any channels
- Out of the box publishing as REST, SOAP, web services
- Automated testing aligns well with DevOps
- Ability to use DevOps tooling: Jenkins, Kubernetes
- Makes migration easier due to cloud-native APIs



Core Legacy Connectors

OpenLegacy offers direct connections to a variety of different legacy platforms with the ability to parse many languages and work with different applications. This also includes the ability to work with design time parsers.

Platforms
IBM Z/OS, IBMi, Tandem, etc.

Languages Parsed
COBOL, RPG, PL1,
Adabas, Natural, etc.

Applications
SAP, Oracle, HOGAN,
Temenos, Finastra, etc.

Design Time Parsers
XML, SQL, JSON, Swagger,
Tuxedo, JDBC, gRPC, etc.

API creation

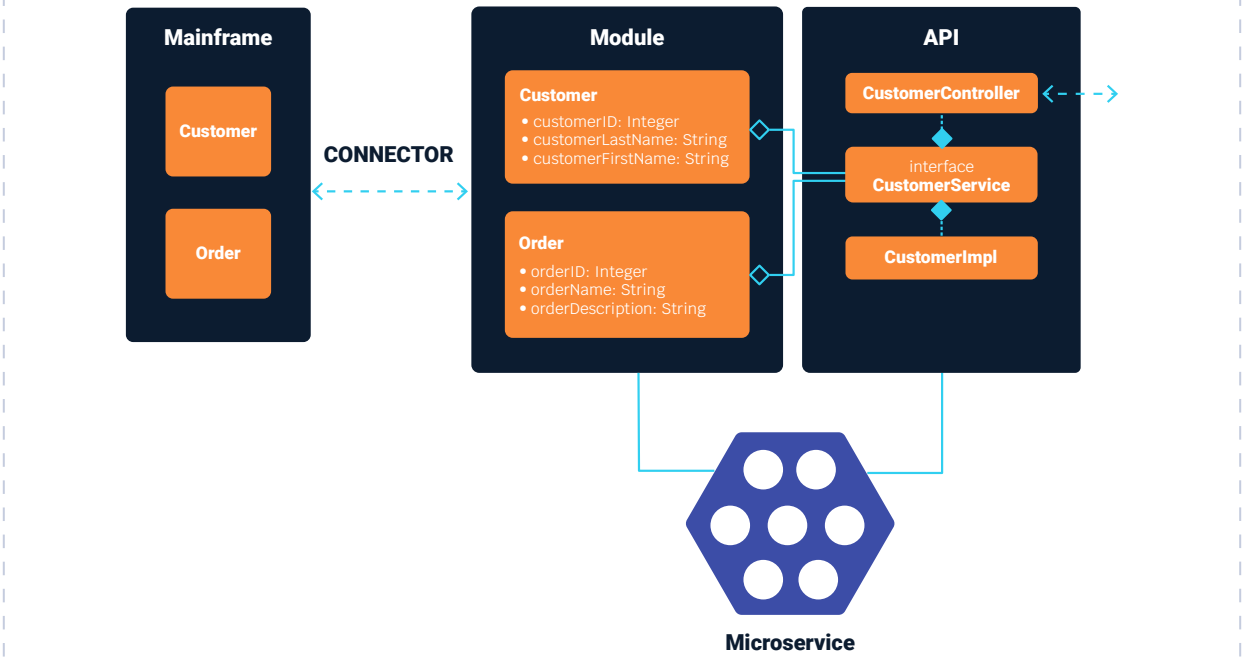
In just minutes, automatically parse metadata from any core system to generate standard Java microservices, including APIs and business logic, or serverless functions.

If building microservices, Included are:

- API projects to connect to the outside world
- Modules for connection to the legacy system, data translation, and orchestration
- Modifiable Java code

If building a serverless function, Included are:

- Generation of nodeJS (JavaScript)
- No Java code to avoid serverless cold start issues
- Direct connection to legacy systems for MIPS reduction (cost savings with cloud vendor)



Shows how the module and API parts fit into the microservice.

API enhancement

Automate any enhancements you want to make to the microservice-based APIs quickly and easily.

- Templates to support corporate coding standards
- Ability to create an API Factory for consistent asset creation
- Support API-First paradigms by applying existing API contracts

API security

Enjoy robust security options.

- Java is strong-type
- Data masking to control visibility
- OAuth2 to control API access
- LDAP for Identity management
- Support for your own corporate security

API testing

Automated testing throughout the lifecycle.

- JSON based testing framework—default in/out API parameters
- JUnit generation
- Generation of Swagger pages

API deployment

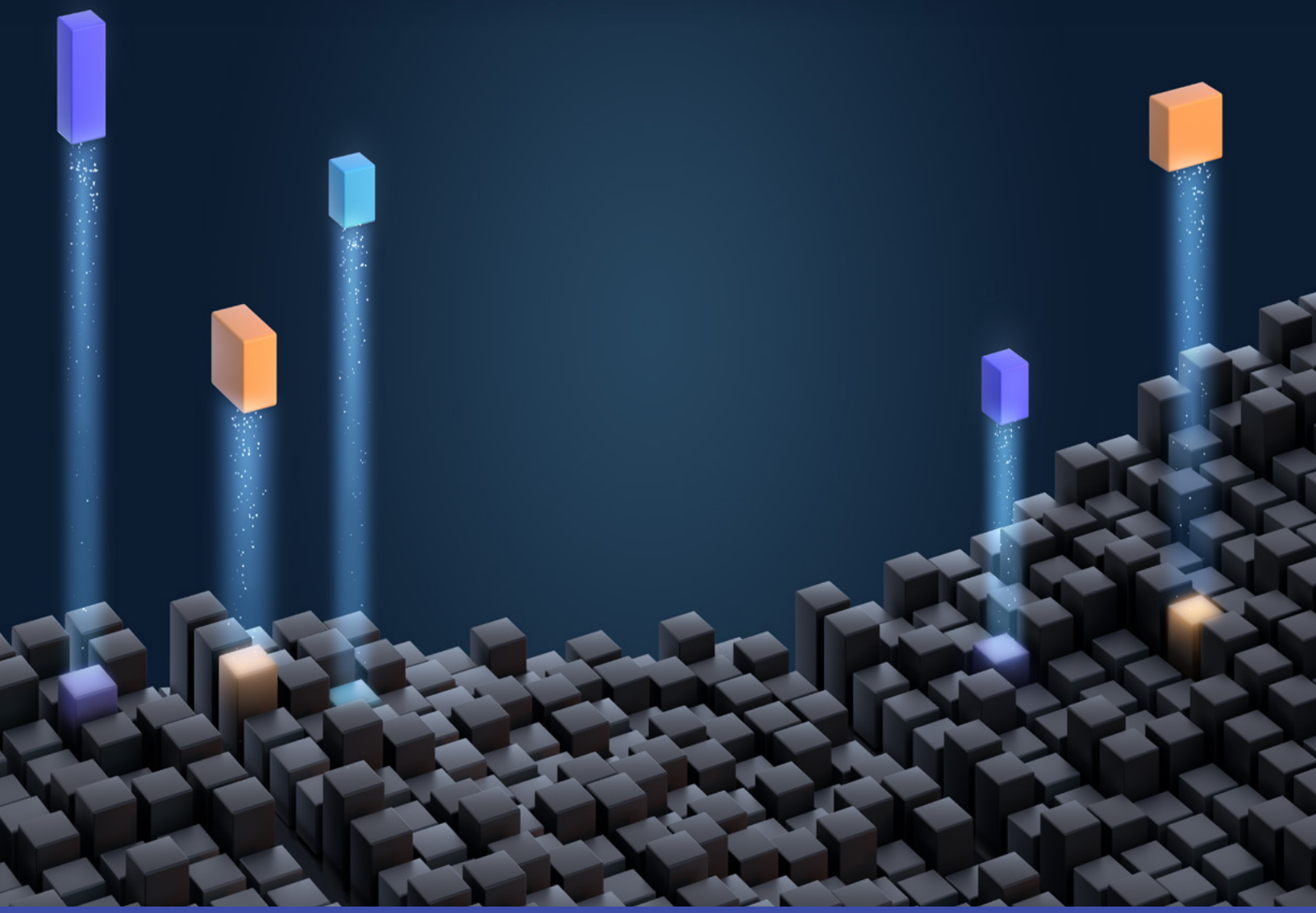
The platform deploys the microservices easily to any system.

- Hybrid cloud integration
- Support for SaaS, PaaS models
- Support for deployment on-premise
- Serverless function deployment for all cloud vendors

To learn more about OpenLegacy, please visit us at www.OpenLegacy.com and also check out our Demo and Proof of Concept options at www.OpenLegacy.com/Demo or www.OpenLegacy.com/Poc.

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.



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