

webMethods

EntireX

Fact Sheet

Extend your COBOL and Natural applications to the digital economy with APIs

webMethods EntireX provides a cost-effective and efficient path for IT modernization and API enablement—whether you need to integrate mainframe assets into process applications or elevate them to the digital economy through services.

Give new life to your core COBOL or Natural applications with webMethods EntireX. Leverage your investment in custom applications running on mainframe, midrange or Linux®, UNIX®, Windows® (LUW) platforms by creating new services for use in modern applications with minimal effort.

You can leverage programming logic and transactions from a wide variety of host environments to create new Application Programming Interfaces (APIs) for consumption by .NET® and Java® applications as well as participate in the rapidly growing digital economy via REST.

Key benefits

- Leverage your existing investments in COBOL or Natural to get into new markets and the digital economy quickly
- Rapidly produce high-performing and secure APIs for established, core business applications
- Deliver new products to market faster
- Reduce costs with architecture options that have zero or minimal mainframe footprint
- Trigger inventive new business processes using your established mainframe applications
- Reduce costs by easily leveraging existing functionality to meet new business needs



Broad support

Environments

- CICS®
- IMSTM
- Com-plete
- Batch
- .NET
- webMethods Integration Server
- Web Service
- REST
- WebSphere® MQ
- CA-IDMS™

Code

- COBOL
- Micro Focus®
- PL/1
- Natural
- Assembler
- C, C#
- RPG, CL

Key features

COBOL integration

Quickly integrate modern applications with any type of COBOL program. Proven at hundreds of large enterprises, EntireX can integrate a wide variety of COBOL development patterns with ease. Take multiple output handling as an example. By integrating the interfaces with easy-to-use mappings, your programmer does not have to change underlying source code.

Natural integration

Leverage tight integration with Natural and NaturalONE. Wizards within the Eclipse™-based design-time environment let you create your integration scenarios quickly and easily across the Software AG product stack.

Automatic interface extraction & advanced mapping

Today, programming is different. Fortunately, EntireX automatically maps legacy-language functions to modern programming languages without interfering with the back-end program. For example, EntireX can suppress fields so they don't show up in the modern user interface but still operate as invisible input back to the mainframe.

API REST services

APIs are driving the digital economy. Whether or not you reach out for APIs, you can be sure APIs will reach out to you. Let your COBOL and Natural assets participate in the fast-growing digital economy by creating REST APIs with just a few clicks.

Unified with webMethods Integration Server

Easily connect core applications with Java® .NET®, web services or REST APIs with seamless, built-in integration between webMethods EntireX and webMethods Integration Server.

Communication models

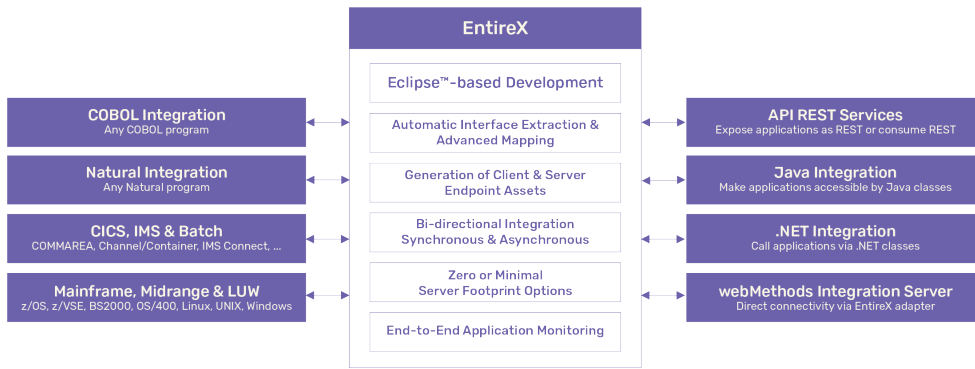
Meet all demands using a single product that offers you a choice of appropriate communication models: asynchronous fire & forget (reliable RPC), synchronous request-reply (RPC) and conversational RPC.

Bi-directional

Trigger events from your established mainframe and LUW environments. Quickly expose core application business logic. EntireX supports all common scenarios in both directions, inbound as well as outbound. Either endpoint can send messages symmetrically—so you can start messages from either end.

Zero or minimal server footprint

Reduce CPU consumption and save costs by selecting EntireX options with minimal to zero footprint on the mainframe. Beneficial to organizations that have split or outsourced mainframe computer centers, low footprint options with EntireX can help you turn around changes faster and deal with less ticketing, saving costs.



Rapidly create new APIs—for the web, .NET, Java or webMethods Integration Server—comprised of business logic and transactions from COBOL, PL1 or Natural to meet current requirements while supporting future needs.



ABOUT SOFTWARE AG

Software AG began its journey in 1969, the year that technology helped put a man on the moon and the software industry was born. Today our infrastructure software makes a world of living connections possible. Every day, millions of lives around the world are connected by our technologies. A fluid flow of data fuels hybrid integration and the Industrial Internet of Things. By connecting applications on the ground and in cloud, businesses, governments and humanity can instantly see opportunities, make decisions and act immediately. Software AG connects the world to keep it living and thriving. For more information, visit www.softwareag.com.

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