

E2E

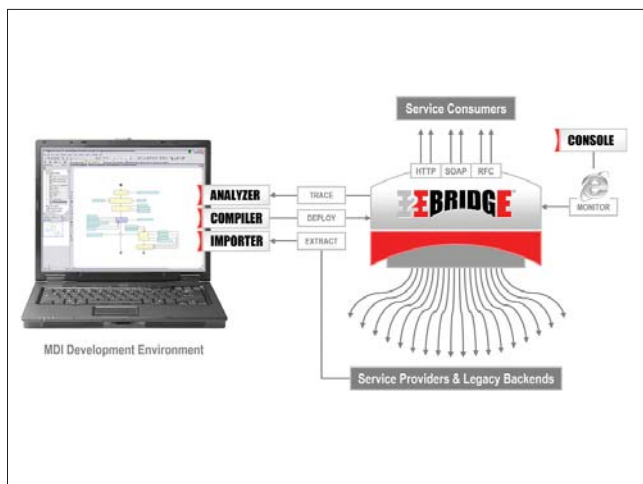
E2E Bridge® for SAP® Solutions

The E2E Bridge for SAP® Solutions is a fully model-driven integration (MDI) suite. It complements SAP NetWeaver® Exchange Infrastructure (SAP NetWeaver XI) to automate service enabling and the integration of existing software assets, resulting in reusable, high-quality business components in form of executable UML® models.

Benefits/Value Proposition

- Allows BAPI/IDoc interfaces, including custom developments, to be automatically re-documented in the form of highly informative UML models.
- Maximizes the value of previous investments by facilitating reuse of existing SAP solution functionality.
- Facilitates risk-free, step-by-step migration to SAP NetWeaver® and a modern enterprise service-oriented architecture (enterprise SOA).
- Enables developers and business analysts to share a common service design blueprint and thus avoid communication problems during project setup.
- Reduces project implementation and total cost by factors, while substantially increasing service quality.
- The documentation IS the code.

The MDI ecosystem of the E2E Bridge, including key components for development, runtime, monitoring and administration.



Solution Description

The E2E Bridge for SAP® Solutions enables developers to integrate existing software assets rapidly and with unprecedented quality into SAP solutions — and vice versa. All services and interfaces are designed — and executed — as UML models, including testing and debugging.

The foundation for this breakthrough capability is a next-generation Enterprise Service Bus (ESB) based on a UML virtual machine. Existing application interfaces, including BAPI/IDoc and various third-party formats, are automatically extracted, re-documented in UML, and wrapped and executed as reusable services.

Thus, existing software assets can be reused as a building block for creating a modern enterprise SOA based on SAP NetWeaver, maximizing the value of previous investments while eliminating migration risk.

E2E's fully model-driven approach, which avoids any form of conventional programming, enables developers to communicate more easily with business analysts. This improves the quality and timeliness of SOA implementation efforts.

The E2E Bridge reduces total cost and time-to-market of integration, migration, and consolidation efforts by factors, leading to unprecedented infrastructure flexibility, sustainable operational efficiency, and finally, enterprise agility and strategic competitive advantage.

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