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BEAAquaLogic®
Service Bus
Financial
Service Edition

Getting Started

Version 3.4
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Setting Up AquaLogic Service Bus Financial Services Edition

Setting Up AquaLogic Service Bus Financial Services Edition

ALSB FSE provides an end-to-end integration product for financial institutions by extending ALSB to provide Society for Worldwide Interbank Financial Telecommunication (SWIFT) integration capabilities in a Service Oriented Architecture (SOA) environment. You can use ALSB FSE for all SWIFT integration use cases, including FIN Message Type (MT) and MX messages, FileAct and Interact Protocols (IP), connectivity to Swift Alliance Gateway (SAG), and Swift Alliance Access (SAA).

ALSB FSE includes Financial Message Designer, which allows you to design message formats, validation rules, and transformations to support SWIFT integration. ALSB run time hosts the message parsing, validation, and transformation.

ALSB FSE is certified with SWIFT GOLD.

This section explains how to set up Financial Message Designer. It contains of the following topics:

- Installation Prerequisites

- Installing ALSB 2.6 RP1

- Installing Financial Message Designer

- Using Financial Message Designer

Installation Prerequisites

ALSB FSE consists of the following components:

- ALSB 2.6 RP1

- Financial Message Designer 3.4

You must install both components to use the SWIFT integration capabilities in your SOA environment.

For more information on system requirements for ALSB, see "Installation Prerequisites" in Preparing for Your Installation in AquaLogic Service Bus Installation Guide.

For more information on system requirements for Financial Message Designer 3.4, see Systems Requirement in Installing Financial Message Designer for AquaLogic Service Bus.

Installing ALSB 2.6 RP1

You must install ALSB 2.6 RP1 before you install Financial Message Designer. You can install ALSB 2.6 RP 1 or upgrade from a previous version.

You can obtain the ALSB installer from:

- Web Distribution: Download the installer from BEA Downloads.

- DVD Media: Get the installer on DVD from your local sales representative.

For more information, see AquaLogic Service Bus Installation Guide.

Upgrading to ALSB 2.6 RP1

You can upgrade an existing ALSB 2.1, 2.5, or 2.6 domain to ALSB 2.6 RP1. For more information on how to upgrade, see AquaLogic Service Bus Upgrade Guide.

Installing Financial Message Designer

For information about installing Financial Message Designer, see are provided in Installing Financial Message Designer for AquaLogic Service Bus.

Using Financial Message Designer

Using Financial Message Designer application, you can define cartridges–containers for message formats, validation rules, and transformations. These cartridges are exported from Financial Message Designer as JAR files and are imported into ALSB. When you import the JAR files into ALSB, the JAR files are deployed automatically. The JARs contain the classes necessary for run-time execution and can be used from an ALSB Java Callout.

For information about loading and using the cartridges in ALSB, see the AquaLogic Service Bus, Financial Services Edition Solutions Guide.

Roadmap to ALSB FSE Documentation

The AquaLogic Service Bus Financial Services Edition Solutions Guide describes how Financial Message Designer is used with ALSB to provide SWIFT integration capabilities in a SOA environment. The Solutions Guide introduces the basic concepts and features of ALSB FSE. BEA recommends that you read this document first.

The documentation for ALSB 2.6 RP1 is provided at BEA AquaLogic Service Bus 2.6 RP1 Documentation.

The documentation for Financial Message Designer is available at Financial Message Designer-A Component of AquaLogic Service Bus Financial Services Edition.