Solnet EAI software for Azure API Manager

Overview

This product extends MS Azure API Manager to provide full Enterprise Application Integration (EAI) functionality. It enables features such as data transformation and long running process support.

It means MS Azure API Manager can provide some features that are only available in products such as Mulesoft, IBM IIB, and Oracle Fusion.

It is provided as an application or as a container that can run on the Azure application or container platforms. It leverages the Azure Storage Queue service to deliver the required messaging capability for full-featured EAI.

It has been deployed initially on the Azure Web Application Platform to enable data synchronisation between an enterprise insurance product and Microsoft Dynamics CRM.

Functionality

The product provides the following EAI features:

- Data translation (syntactic)
- Reference data mapping tool
- Data transformation (semantic) eg POJO ⟵⟶JSON
- Short and long running processes
- Asynchronous (fire and forget) and synchronous processes
- Management of complex queuing operations
- Enables APIs that conform with the Odata standard
- Implementation of standard Enterprise Integration Patterns (EIPs); Orchestration, Message Translation, Message Routing, Splitter, Content Enrichment, Transactional Client, Validation, Guaranteed Delivery, Dead Letter Channel

Technical Description

The product is built in Java using open source frameworks. It can be deployed as a Java application or as a Docker container.