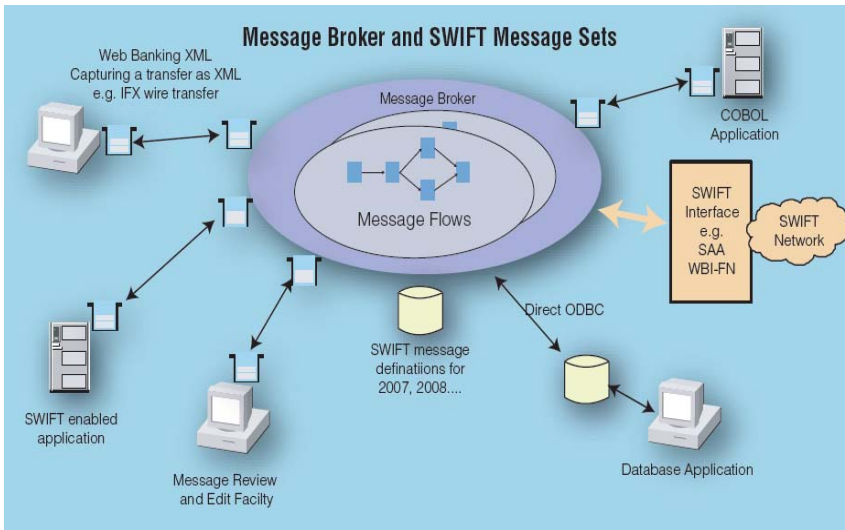


SWIFT FIN Solution for WebSphere Message Brokers (Support Pac IA0T)



A solution that enables WebSphere Message Broker for parsing, manipulation and serialization of SWIFT FIN MT messages and provides SWIFT network validation using WebSphere Message Broker.

Highlights

- Provides SWIFT FIN message capability on Message Broker **
- Available for SWIFT standard releases for 2008, 2009, 2010 and subsequent years
- Removes or reduces the impact of SWIFT annual changes
- Provides SWIFT syntactic and semantic validation equivalent to SWIFT network validation
- On-site support for installation, education and tailoring of the solution to customers needs
- Helpdesk support and maintenance

** References to Message Broker apply equally to WebSphere Message Broker v6, WebSphere Message Broker v6.1, and WebSphere Message Broker v7.0.

The SWIFT network has become a key piece of infrastructure in world finance and is the principle means by which financial institutions communicate and transfer money. In order to facilitate efficient communications and processing the SWIFT network has an accompanying message standard. As business needs change, and the scope of business function covered by SWIFT grows, the SWIFT message standard must also change. Financial Institutions need to continually invest millions of dollars annually to keep pace with the changes introduced by SWIFT. The result is that back end applications need updating, message hubs need changing and front-end applications need screen changes to handle new fields and structures.

The goal of most Financial Institutions, and of the global STP initiative, is to reduce the costs and time associated with manual intervention of SWIFT messages. Having a centralized validation step and message enhancement process, as can be provided by a SWIFT aware message broker, can be a significant benefit to all SWIFT applications in the enterprise.

SWIFT applications can have many other common requirements. For example, gateway access, auditing, warehousing, message filtering, content monitoring and database access are common functions across many SWIFT applications. A Message Broker architecture promotes the solving of these issues in a manner, which facilitates the reuse of these common functions. It can also facilitate the various applications by routing only the appropriate messages to each application based on configured rules, which look into the content of the messages. Employing a broker based architecture also provides the potential for isolating applications from changes to message content and the flexibility to consider the introduction of an enterprise/industry message model further down the road should that be appropriate.

For a Message Broker to provide the above benefits in a SWIFT messaging environment it is imperative that the broker be capable of parsing, enhancing, mapping, routing, persisting and serializing the contents of SWIFT messages. The SWIFT FIN Solution for WebSphere Message Broker provides exactly this capability for Message Broker by providing message sets for the various releases of the SWIFT FIN MT standard. In addition, the solution provides a validation message flow, which together with the message set, provides SWIFT FIN MT message validation to the same level as implemented by the SWIFT network.

Typical integration projects built using Message Broker involve the development of two types of Message Broker components:

- A message set, which contains the modelling information and meta data necessary for Message Broker to parse and manipulate the messages
- Message flows, which provide routing, transformation, database access and manipulation logic on the message contents

Using the SWIFT FIN Solution for WebSphere Message Broker the message sets for the SWIFT standard are already built for you. This includes the 2008, 2009 and 2010 versions of the standard. The SWIFT standard documentation has been digested and encapsulated into the SWIFT message set. This gives a very significant “kick-start” to a SWIFT integration project. The solution includes a maintenance option, which means that future versions will also be made available to subscribing customers.

Message flows are often developed to transform messages from SWIFT to in-house or other standard formats. Transforming to a default XML representation requires no development effort with WebSphere Message Broker and the Standard FIN Solution. Other message formats, and specific XML representations require a transformation message flow. Although, not part of the SWIFT FIN Solution for WebSphere Message Broker, additional offerings are available for such transformations e.g. IFX <-> SWIFT. Additional transformations can also be developed during included on-site service days or offered as an additional service.

Technical Advantages

- The solution is native to Message Broker and is therefore available on all platforms supported by the product and benefits from the thread/process model, robustness and scalability of Message Broker.
- Removes the time-intensive job of reading the SWIFT standard documentation and defining the meta data to Message Broker.
- Provides full implementation of the SWIFT network validation rules within the Message Broker.
- Users are shielded from the complexities of the SWIFT physical format.
- Messages are parsed into an easy to manipulate logical element hierarchy, the Message Broker common message model.
- Provides a very significant “Kick Start” to SWIFT integration projects on Message Broker.
- Users of the SWIFT FIN Solution for WebSphere Message Broker receive one year maintenance for bug fixes, SWIFT changes and new features that may be added during that year. This includes helpdesk support.
- Additional maintenance is available after year one so customers can be assured that the message set will be updated annually in accordance with SWIFT changes.
- The SWIFT FIN Solution for WebSphere Message Broker is continuously evolving to take advantage of the latest features of the WebSphere product set.



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