

Developer Tools for SWIFT MX

Develop payments, securities and fx applications

Datamation's range of SWIFT MX developer tools have been specifically designed to provide banks and solution providers with the tools necessary to implement SWIFT MX messaging. The tools provide a collection of Java libraries that enable the parsing, building and validation of all the SWIFT MX messages necessary to develop payments, securities and foreign exchange applications.

SWIFT MX is the next generation SWIFT standard for international messaging and utilizes an XML format based on ISO20022.

This development of an XML based SWIFT format has evolved into what is now known as ISO 20022.

The flexible and adaptable nature of MX enables the use of new business processes and provides enhanced messaging capabilities.

To enable a smooth migration from MT to MX, SWIFT is operating a period of coexistence which will enable financial institutions to deploy MX in a phased approach. This will allow priority to be assigned to the business domains that they feel will most benefit from the MX enhancements.

This coexistence phase is expected to last in the region of 3 years, with the final switch off of MT to be decided depending upon the prevalent business case.

Datamation's MX solutions are designed to provide total flexibility with regard to which business domains you choose to migrate at any given point, while ensuring coexistence with Datamation's range of MT solutions.

These development tools enable parsing, message building, validation etc. without requiring your development team to master XML techniques or the intricacies of SWIFT MX.

With 20 years experience developing payments and banking related solutions, Datamation's business experts are ideally positioned to support your financial messaging project.

Key features

- Java libraries for platform independence
- SWIFT MX support (parsing, building and validation)
- Focussed versions, covering all the messages needed for "Payments and Cash Management", "Funds and Securities" and "Treasury and Foreign Exchange"

Benefits for Developers

- Component based, providing interoperability with existing applications and systems
- Simplifies maintenance by consolidating all message handling and validation in an easily updateable component.
- Greatly reduced development timeframe
- Supported by experienced business experts

SWIFT MX developer tools

The SWIFT MX developer tools are available in the following 3 versions, each focussed on a specific business domain.

Payments and Cash Management

Supports the following business areas and message sets:

- **Payments Initiation**
- **Payments Clearing and Settlement**
- **Cash Management**

Funds and Securities

Supports the following business areas and message sets:

- **Account Management**
- **Cash Management**
- **Reference Data**
- **Securities Management**
- **Securities Settlement**
- **Securities Trade**
- **Securities Events**

Treasury and Foreign Exchange

Supports the following business areas:

- **Administration**
- **Treasury**

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