

Developer Tools for SEPA

Develop credit transfer and direct debit applications

Datamation's range of SEPA developer tools have been specifically designed to provide banks and solution providers with the tools necessary to implement SEPA messaging. The tools provide a collection of Java libraries that enable the parsing, building and validating of all the SEPA messages necessary to develop credit transfer and direct debit applications.

SEPA (Single Euro Payments Area) message scheme is built on a subset of the ISO20022 "Payments Clearing and Settlement" and "Payments Initiation" messages and is defined by the European Payments Council.

The SEPA CT scheme was launched in January 2008 and provides a pan-European payments infrastructure that greatly reduces the costs associated with cross-border transactions.

The SEPA DD schemes were launched in November 2009 and provide a pan-European collection infrastructure that supports cross-border direct debits for both consumer and business collections.

Two versions of the tool are available (**SEPACTprocessor** and **SEPADDprocessor**), with each focussed on either credit transfers or direct debits. Both provide full support for all the messages required to implement inter-bank and customer-to-bank communications.

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

SEPA rules. Regular updates are available to ensure continued compliance with the latest EPC rulebooks.

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
- SEPA support (parsing, building and validating)
- Automatic generation of related Return, Reject and Cancellation messages
- Focussed versions, covering all the messages needed for "Credit Transfers" and "Direct Debits"

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.
- Regular updates ensure continued compliance with the EPC Rulebooks
- Provides the tools necessary to develop both bank and corporate applications
- Greatly reduced development timeframe
- Supported by experienced business experts

SEPA developer tools

The SEPA developer tool is available in 2 versions, each focussed on a specific business domain.

Credit Transfers (CT)

Supports the following business areas and messages:

Payments Initiation

- CustomerCreditTransferInitiation pain.001
- PaymentStatusReport pain.002

Payments Clearing and Settlement

- FIToFICustomerCreditTransfer pacs.008
- FIToFIPaymentStatusReport pacs.002
- PaymentReturn pacs.004

Cash Management

- FIToFIPaymentCancellationRequest camt.056
- ResolutionOfInvestigation camt.029

Direct Debits (DD)

Supports the following business areas and messages:

Payments Initiation

- CustomerDirectDebitInitiation pain.008
- CustomerToBankPaymentReversal pain.007
- PaymentStatusReport pain.002

Payments Clearing and Settlement

- FIToFICustomerDirectDebit pacs.003
- FIToFIPaymentStatusReport pacs.002
- PaymentReturn pacs.004
- PaymentReversal pacs.007

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