

IBM Banking Payments Content Pack for WebSphere Business Services Fabric, Version 6.1

Highlights

- **Accelerates development of composite business applications with prebuilt assets based on banking payments standards**
- **Simplifies interoperability across disparate banking applications, decreasing development and maintenance needs**
- **Supports custom configurations to match your unique business processes**

Significant global regulatory and competitive changes have created unique challenges for the financial institutions and organizations that process payment exchange. Many organizations also face maintenance and support challenges in the areas of data warehousing; control points such as the Office of Foreign Assets Control (OFAC); and integrated transactions management such as settlements, statements, advices, customer inquiries, history and adjustments. In addition, the growing number of support requirements, combined with existing embedded systems, produces rigid business processes that can make incremental changes difficult.

Service oriented architecture (SOA) provides a more flexible infrastructure to map your business functions to your software components. IBM WebSphere® Business Services Fabric is a comprehensive SOA offering that extends the IBM business process management platform to assemble and manage composite business applications. It uses business services, which are discrete building blocks of business functions, as the primary element of reuse across multiple business processes and applications. The IBM Banking Payments Content Pack contains prebuilt industry content and integrates seamlessly with WebSphere Business Services Fabric to help accelerate the development of composite business applications for banking payments.

Providing standards-based payments SOA assets

The IBM Banking Payments Content Pack supports payments processes using assets based on standards from ISO 20022, Single Euro Payments Area (SEPA), National Agency Clearinghouse Association Electronic Payments Association (NACHA) and the IBM Information Framework (IFW). The following assets are included in the Banking Payments Content Pack:

- *Capability and process maps – banking payments-specific capability and process decompositions to enable top-down visibility into the business; leverages ISO 20022 payments standards*
- *Business services templates – payments-specific business services definitions, as well as associated Web services and metadata such as roles, channels, assertions and sample policies*
- *Service interfaces – banking payments-specific schemas and Web service interfaces based on a subset of the Interface Design Model (IDM) component of IFW*
- *Business object model – an ISO 20022 payments standards-based business object model that represents a logical data model*
- *Business glossary – a common vocabulary of payments terms based on ISO 20022, SEPA, NACHA and IFW payments standards*
- *Common services – commonly used service implementations based on ISO 20022, SEPA and NACHA payments standards to enable functions such as validation, bulking and transformation*
- *Knowledge assets – documentation and sample implementation scenarios to assist in the consumption and extension of the assets included in the content pack*

Following is a sample list of assets included in the IBM Banking Payments Content Pack.

Banking Payments business services templates

- Create Account
- Setup Payments Profile
- Perform Payroll Payment
- Calculate Fees
- Create Wire Entries
- Optimize Payment Routing
- Corporate Sweeps
- Review/Release Payment
- Inbound Payment Exception
- Payments Status
- Track Payment
- Funds Control
- Central Bank Position

Banking Payments service interfaces

- Accept Inpayment Instruction
- Allocate Funds
- Calculate Reserve Requirement
- Enact Positive Pay
- Evaluate Customer Risk
- Issue Query Response
- Open Business Account
- Provide Interbranch Settlement
- Record Involved Party
- Reject Transaction
- Retrieve Pending Events
- Schedule Arrangement Review
- Verify Payment

Banking Payments business glossary

- ISO 20022 Standards
- NACHA Standards
- IFW Business Object Model

Banking Payments business object model

- ISO 20022 Payments Standards

Banking Payments common services

- ISO 20022 CCTI V02 Unbundling Service
- ISO 20022 CDDI V01 Reject Repair Service
- SEPA Validation Service

Increasing flexibility and simplifying interoperability

The assets within the IBM Banking Payments Content Pack can help you design more flexible and maintainable payments processes. Furthermore, WebSphere Business Services Fabric enables ongoing, easier and less costly process maintenance through increased levels of service reuse. Specifically, these prebuilt SOA accelerators can help you to:

- *Minimize the efforts required to identify, design and develop your own business services across banking payments business processes.*
- *Extend and transform siloed applications and accelerate the deployment of new banking payments products and services.*
- *Decrease modernization and maintenance costs through increased reuse, consistency and reliability of IT assets by using banking and Web services standards.*

- *Simplify interoperability across disparate banking applications based on payments standards and customer-specific models.*
- *Expose existing SOA assets to predefined business services templates.*

Offering an open and customizable solution

The IBM Banking Payments Content Pack is extensible and open for configuration and customization based on your organization's key business processes. With IBM Banking Payments Content Pack, your company can accelerate delivery of Fabric-based SOA solutions and maximize its efforts to provide additional value to your customers and partners.

For more information

To learn more about IBM WebSphere Business Services Fabric and its system requirements, visit:

ibm.com/software/integration/wbsf



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Software Group
Route 100
Somers, NY 10589
U.S.A.

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