temenos

What's New in Temenos Transact

August 2022

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Release Highlights

Application Framework

System Core » Enquiry Extension for API

Transact now enables you to define common fields to include with all API (enquiry) requests without modifying individual enquiries. The *Api Gen Fld Name, Api Gen Fld Label*, and *Api Gen Fld Type* fields are introduced in `EB.ENQUIRY.PARAMETER` to define common fields, which are exclusive to API requests and be part of the OFS responses.

The topic related to this feature is given below:

Enquiry Extension for API

Banking Framework

Delivery MX Translation » Support for camt.060 Messages (Equivalent of MT920)

The framework of the Delivery MX Translation module is leveraged to send a ‘like for like’ ISO20022 CBPR+ compliant camt.060 message (Account Reporting Request). This message is sent to the counterparties based on the outward MT920 messages generated by the business modules.

The topic related to this feature is given below:

DEMXTR - Support for outgoing camt.060 messages (equivalent of MT920)

Corporate

Secondary Loan Trade » Capturing Trade Transaction

Corporate Lending is now enhanced to capture a loan trade along with credit agreement details, settlement instructions and third-party consents under the Secondary Loan Trade (SLT) module in Transact.

The topic related to this feature is given below:

Capturing Trade Transaction

Club Loans » Amortisation of Upfront Fee during Splits and Merges

As per IFRS9 standards, any originating fees collected on an undrawn Facility must defer the postings to P&L until the drawdown date and need to be recognized according to the drawdown’s cash flow

Temenos Transact allows the user to record the accounting treatment for the own bank share of upfront fee at drawings during splits and mergers of club loans as per IFRS9 accounting standards.

The topic related to this feature is given below:

Amortisation of Upfront Fee during Splits and Merges

Facility » Handling Exchange Rate Tolerance in Lending

The system calculates the tolerance levels of old drawdowns on the existing rate of the contract and new drawdowns on FX rate in the currency table.

The user can either schedule or manually trigger the repricing activity. On the scheduled repricing activity, if the rate in the currency table on the scheduled day of activity is within the tolerance, then the system does not change the existing rate of the contract. If it breaches the tolerance, then the system applies the rate from the currency table to the contract.

When the user manually triggers the FX Repricing activity, then the system honours the rate entered by the user irrespective of the tolerance levels.

Temenos Transact now allows the system to perform a tolerance check on the contract's existing FX rate and update it accordingly upon repricing.

The topic related to this feature is given below:

Handling Exchange Rate Tolerance in Lending

Contingent Liability » Enhancing Exchange Rate in Guarantees

Temenos Transact now supports the Exchange Rate Property Class through Guarantees Product Line.

A guarantee or standby letter of credit product in AA is enhanced with the Exchange Rate Property Class. This allows banks to override the defaulted exchange rate from `CURRENCY` table in a syndicated deal when the currency of the undertaking is different than the facility currency.

The topic related to this feature is given below:

Enhancing Exchange Rate in Guarantees

Islamic Banking

Islamic Deposits and PDS » Separate Weightage for Pre-Closed Deposits (Used in PDS Calculation)

It is now possible to setup different weightages for pre-closed deposits involved in the PDS calculation using the weightage parameter (`ID.PDS.WEIGHT`). Also, during the early maturity of Mudaraba deposit, the broken deposit profit rate can be used to perform the profit amount recalculation for the actual completed tenor using the tier rate/ historical profit rate options.

Click here to understand the technical impact of this enhancement for customisation and upgrades.

The topics related to this feature are given below:

Defining weightage using `ID.PDS.WEIGHT`

Recalculating Profit Amount during Pre-closure for Mudaraba Deposit

Automatic Recalculation of Profit Amount during Pre-closure for Mudaraba Deposit

Calculating Depositors' Funds in the Pool

Private Wealth

Repurchase Agreements » Processing Intraday REPO Contracts and Interest Calculation

Repurchase Agreements module is now enhanced to process the Intra-day REPO contracts and calculate the interest amount based on elapsed minutes between start time and end time of the contract.

To process Intra-day REPO contracts, the `REPO` application is enhanced to accept the same date in the Value date and Maturity date fields.

The topic related to this feature is given below:

Processing Intraday REPO Contracts and Interest Calculation

Regional Banking Solutions

Argentina Model Bank

Taxes » Turnover Collections

According to Argentinian regulation, there are several exemptions and special conditions related to the calculation of the Turnover Collection tax. They can depend on the jurisdictions, events and holder’s combination.

This functionality allows users to handle the exemptions of Turnover Collection tax on incoming transfers on savings accounts for the jurisdictions that have their own padrons and for the ones that use SIRCREB padron, complying with the latest Argentinian regulation.

Configuration records have been introduced or modified based on the jurisdiction defined in the Tax Exemption Framework for handling Turnover Collection tax on incoming transfers on savings accounts.

The standard Savings Account product for Argentina has been updated to use the new activity, ATM cash deposit in USD currency.

The topic related to this feature is given below:

Taxes

Australia Model Bank

Australia Base » Generic API's

This functionality allows banks to manage the customer records for the AUBASE module.

The following items have been released as part of this functionality:

- The `CUSTOMER,AUBASE.API.ONBOARDING.CUSTOMER.1.0.0` version is used to create and update an AUBASE customer record.
- The AUBASE.API.ONBOARDING.CUSTOMER.1.0.0 enquiry is used to retrieve the customer details.

The topic related to this feature is given below:

Australia Base

Address Interface » Generic API's

This functionality allows banks to manage the customer addresses for the AUADRI module.

The `DE.ADDRESS,AUADRI.API.ADDRESS.1.0.0` version has been released as part of this functionality to allow users to create and retrieve a delivery address for AUADRI.

The topic related to this feature is given below:

Address Interface

BPAY (Bill Payments) » Generic API's

This functionality allows banks to manage the standing order and payment order pertaining to a bill payment.

The following items have been released as part of this functionality:

- The `STANDING.ORDER,AUBPAY.API.STANDING.ORDER.1.0.0` version is used to create, update and retrieve the details of a standing order pertaining to a bill payment.
- The `PAYMENT.ORDER,AUBPAY.API.PAYMENT.1.0.0` version is used to create a payment order for the bill payment.

The topic related to this feature is given below:

BPAY (Bill Payments)

Loan Redraw » Generic API's

This functionality allows banks to manage the list of balances for the loan redraws.

The LNRDRW.API.GET.LOANREDRAW.BALANCES.1.0.0 enquiry has been created to allow users to retrieve details of the loan redraw balances like currency, advance position, available amount, etc.

The topic related to this feature is given below:

Loan Redraw

Rate Lock » Generic API's

This functionality allows banks to manage loans with the reference of the *Rate*

Lock Id and to retrieve details of the various types of loans such as mortgage, rate locks, loan redraw, etc.

The `ARR.INTEREST,AURLOC.API.CREATE.RATE.LOCK.1.0.0` version has been created to allow banks to create and update a loan with the reference of the *Rate Lock Id*.

The topic related to this feature is given below:

Rate Lock

Germany Model Bank

Taxation Interface to CPB SECTRAS » DvP Transfers

This functionality allows banks to capture the DvP transfers transaction in the `SEC.TRADE` application. The DvP transfers are regular transfers that are done with a broker which is not a Temenos Transact bank. Though the transactions are captured in the `SEC.TRADE` application, the message that will be shared with CPB SECTRAS will be for transfer.

The `SEC.TRADE,INPUT.DEMB` version has been created as part of this functionality to allow users to capture DvP transfers.

The topic related to this feature is given below:

[Taxation Interface to CPB SECTRAS]

Hungary Model Bank

Transaction Fees » Free of Charge Transaction Declaration

This functionality allows banks to have their own residence eligibility check.

The *Cus Res Check Routine* field has been added to the `HUTXNF.FREE.TXN.PARAM` application to allow users to attach a local routine which will determine if the customer is resident or not.

The topic related to this feature is given below:

Transaction Fees

Warrants » Account Closing Interdependencies with Queuing

This functionality allows banks to view the queuing related errors or overrides at the simulation stage when the user tries to close the payer or external account.

Priority 3 locks reversed by the queuing solution are stored in a background application. When the user tries to initiate the closure simulation, if still priority 3 locks exist in the background application, the system will display an error to the user mentioning that the priority 3 locks exist and they need to be handled before closure.

When the account closure simulation is initiated, in case if there exists any Unauthorised Overdraft (UOD) queue on the payer, the system will display an override stating that there should not be any queuing related locks in the payer and extended accounts.

The topic related to this feature is given below:

Warrants

UK Model Bank

Individual Savings Accounts - Cash ISAs

This module allows users to access the **Find Account, Find Individual Savings Account (ISA)** and **Find ISA Transfer** menus for the ISA accounts for UK.

New enquiries have been introduced as part of this module to display details related to the ISA accounts, as well as the ISA deposits.

The topic related to this feature is given below:

Individual Savings Accounts - Cash ISAs

Open Banking Account Information

The Temenos UKOBPZ module provides a set of APIs to support the Temenos client offering account information services for the Third Party Providers (TPPs) according to the UK Open Banking standards.

This module allows users to handle the status of the consent requests. A Payment Services User (PSU) selects at least one account from the list to approve or reject the consent request. If the PSU has rejected the consent request, the consent resource will be moved to Rejected status, and retained in the system. In case the PSU approves the consent request, the consent resource will be moved to Authorised status and updated with the list of the accounts selected by the PSU.

The topic related to this feature is given below:

Open Banking Account Information

United States Model Bank

ACH Framework » Stop Payment for ACH

This functionality allows banks to stop payments for ACH debits to the customers' accounts based on the excepted debit amount or amount range and the originating company *Id*.

Stop payment mapping rules have been added to the incoming debit product to automatically validate stop payment requests on the debit account.

The topic related to this feature is given below:

ACH Framework

Retail

Arrangement Architecture » Processing Forward-Dated Changes between Bill Issue and Due Dates

Transact considers any forward-dated condition that triggers the recalculation of the payment amount during the issue bill when the effective date of the forward-dated condition is between the issue bill and due dates. Whereas, if there is any such condition created after the issue bill activity, the changes are considered only from the next issue bill.

The topics related to this feature are given below:

Defining Billing Rules

Processing Forward-Dated Changes between Bill Issue and Due Dates

Arrangement Architecture and Retail Accounts » Processing of Backdated Schedule in Accounts with Attached Limit

Banks can now capture and update the historical limit balances during the takeover of an overdraft account with an attached limit. The historical net movements for a given day that are captured using the Capture Historical Balance activity updates the historical limit and account balances.

Using the Capture Historical Bills activity, the capitalised historical interest bills that are calculated on the historical limit balances can also be captured. The interest movements from the historical interest bills adjust the running account and limit balances as well.

This enables users to make back value dated changes beyond the Transact take over date and perform bill adjustments.

Click here to understand the technical impact of this enhancement for customisation and upgrades.

The topics related to this feature are given below:

Capture of Historical Limit Balances

Processing of Backdated Schedule in Accounts with Attached Limit

Technology

Interaction Framework

IRIS R18 » Regex Validation Support for UXPB

The regex validation functionality helps to validate the fields in request payload. The validation rules and configurations are stored in Generic config microservice. The stored validations are loaded and cached on runtime. The validations can be customized for each field. The validations include,

- Length and pattern for the data in the field
- Marking the field as mandatory

The topic related to this feature is given below:

Regex Validation Support for UXPB

Treasury

Swaps » Netting of RFR Swap Contracts with Payment Delay

The `SWAP` application is enhanced to support the netting of Risk-Free Rate (RFR) Swap contracts with either the *As Rfr Payment Delay* or *Lb Rfr Payment Delay* fields specified in the RFR leg of the contract, and when the *Net Payments* field is set to Yes. For the non-RFR leg, that is, for fixed legs, the payment is also delayed based on the delay days specified in the contract and the user is notified when the record is committed. The *Net Pay Val Dt* field is updated based on delay days.

This functionality provides the following benefits:

- Better user experience
- Saves time and effort for the user

The topic related to this feature is given below:

RFR Netting Payment

Technical Notes

Islamic Banking

Islamic Deposits and PDS » Separate Weightage for Pre-Closed Deposits (Used in PDS Calculation)

It is not mandatory to create a BRK record in `ID.PDS.WEIGHT`. If the functionality is required then it is mandatory to create a record for all the combinations including ALL.ALL.<Currency>.ALL.BRK combination.

Retail

Arrangement Architecture and Retail Accounts » Processing of Backdated Schedule in Accounts with Attached Limit

When a limit is attached to the account during takeover, the following events must be configured to process back dated schedules:

- LIMIT-UPDATE.HIS.BALANCE-DUE-CUR
- LIMIT-UPDATE.HIS.BALANCE-DUE-UTL
- LIMIT-UPDATE.HIS.BALANCE-DUE-TOT
- LIMIT-UPDATE.HIS.BALANCE-DUE-OVD
- LIMIT-UPDATE.HIS.BALANCE-PAY-CUR
- LIMIT-UPDATE.HIS.BALANCE-PAY-UTL
- LIMIT-UPDATE.HIS.BALANCE-PAY-TOT
- LIMIT-UPDATE.HIS.BALANCE-PAY-OVD

Read `AC.EVENTS` for more details.

Extensibility APIs

Java Extensibility

Category: New Enhanced Existing Deprecated

Package	Class	Method name	Description	Hook*/ API
contract	`Assessment`	**`getContractStatus`**	Enables the implementer to return Days Past Due (DPD) related details of the contract from external system.	Hook
contract	`Assessment`	**`getObligorStatus`**	Enables the implementer to return Days Past Due (DPD), Unlikeliness To Pay (UTP) indicators and probation details of the obligor from external system.	Hook
countrymodelbank.hungary	`TransactionFee`	**`isHungaryResident`**	Enables the implementer to check whether the customer is a resident of Hungary during monthly customer eligibility service.	Hook

Package	Class	Method name	Description	Hook*/ API
arrangement	`RuleComparison`	**getDormancyException**	Enables the implementer to get an exception based on the dormancy criteria and the activity history to determine the given arrangement is inactive for the set of period.	Hook
payments	`PaymentOrderLifecycle`	**getPaymentSystemType**	Enables the implementer to indicate which payment system should be used for processing the transaction.	Hook
countrymodelbank.usa	`Clearing`	**updateEntry**	Enables the implementor to update transaction information in automated clearing house entries.	Hook
system	`session`	**deriveLabelValue**	Enables the implementer to return the derived data for the label based on the data argument defined in the `EB.CONTEXT` table.	Hook

**Hooks are placeholders in Transact where routines can be attached to an application. For example, version, enquiry, delivery and so on.*