

Special Contract Utilities

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Introduction

Special Contract Utilities are special utilities for working with contracts in WAY4™. Users must be highly qualified to work with these utilities, since their injudicious use may result in system malfunction.

This document is intended for bank or processing centre employees working with client contracts.

While working with this document, it is recommended that users refer to the following resources from OpenWay's documentation series:

- "Issuing Module. User Manual"
- "Acquiring Module. User Manual"
- "DB Manager Administrator Manual"
- "Dictionaries"
- "Authorisation System"
- "Documents".

The following notation is used in this document:

- Field labels in screen forms are shown in *italics*.
- Key combinations are shown in angular brackets, like <Ctrl>+<F3>.
- Labels for screen form buttons and tabs are shown in square brackets, such as [Approve].
- Sequences for selecting items in a user or context menu are shown using arrows as follows: "Issuing → Contracts Input & Update".
- Sequences for selecting items in the system menu are shown using arrows as follows: Database => Change password.
- Variable values like directory and file names, and file paths that vary for each local computer are displayed in angular brackets, like <OWS_HOME>.

Warnings and information messages are marked as follows:



Warnings that an incorrect action may adversely affect system behaviour.



Messages with information about important features, additional facilities, or the optimal use of certain system functions.

Chapter 1. Restructuring a Contract Hierarchy (Issuing Module)

The system allows a higher-ranking contract to be assigned to a contract without a parent contract, and a different parent contract to be assigned to a subcontract. These actions are performed through the "Issuing → Contracts Input & Update → Move Iss Contract Tree" menu item.

For issuing module contracts, this action can be performed through the menu item "Issuing → Contracts Input & Update → Move Iss Contract Tree".

If a new parent contract is assigned to a child contract, the parameters of the child contract, such as the authorisation scenario, are kept in its new hierarchical structure.

If a contract without a parent contract is assigned a higher-ranking contract, the value of the authorisation scenario for the new child contract will be "Check".

Selecting the "Issuing → Contracts Input & Update → Move Iss Contract Tree" menu item opens the "Move Iss Contract Tree" form. This form contains all contracts available for working with the given client category (see Fig.1)

Contract #	4015500114330750	Institution	Principal	USD
Client	Test Client 1	Product	Test2	Available
		Type	Our VISA Cards	93,17
Main		Scheme	001-Full Iss USD Priv	
Liability		Service	001-Our Priv VISA	
Name	Test Client 1	Auth Scenario	Check	
Comment		Usage Scenario		
Open/Expire	01/09/2010	Status	Card OK	Ready

Ins Del Query Move To Main Subs Auth Billing Balance Client

Fig. 1. Form for selecting a contract when restructuring hierarchies

After selecting an appropriate contract in this form, click on the [Move To] button. This will open the "Set Contract" form (see Fig.2). In the form's *New Parent Contract* field, indicate a new parent contract for the selected contract and click on the [Proceed] button.

New Parent Contract
Cancel Proceed

Fig. 2. Form for specifying a new higher-ranking contract

If the procedure for assigning a higher-ranking contract to this contract fails, the actions taken to restructure the contract hierarchy will be cancelled.

i Note that this functionality allows the creation of inadmissible contract hierarchies; for example, an account contract subordinate to a card contract, so caution is strongly recommended when using this function to create contract hierarchies.

When restructuring a contract hierarchy, a higher-ranking contract belonging to another financial institution can be assigned to a contract (a contract tree).

i Note that this operation does not contain restrictions for moving contracts within one "Clearing in" institution. When moving a contract to another financial institution and changing the Product, a Product that is completely identical to the original one must be specified. Otherwise, this may result in incorrect normalization, interest accrual, etc.

Assigning a Higher-Ranking Issuing Contracts to Independent Card Contract (iss mod)

Since WAY4 uses the main contract account in the hierarchy for accounting purposes, the main contract's account balance must be corrected in the new hierarchy when a parent contract is assigned to an independent contract (incorporated into the hierarchical structure).

To correct the main contract's balances, select the "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balances for Contracts" menu item, for more information, see the section "Recalculating Balance Type Values" of the document "Balance Types".

When an independent card contract is moved under an issuing contract with the "Move Iss Contract Tree" utility ("Issuing → Contracts Input & Update → Move Iss Contract Tree"), account balances are synchronised automatically.

Chapter 2. Working with Active Blocking of Contract Funds

Contract funds blocked after processing authorization or financial documents can be unblocked manually in WAY4.

Unblocking funds blocked after processing authorization documents

The list of all authorization documents with funds blocked in client contracts is shown in the "Active Authorizations" form, menu item "Full → DB Administrator Utilities → Special Contract Utilities → Active Authorizations" (see Fig. 3)

Active Authorizations											<< < > >>		1 of 12
	Date	Channel	Category	Card Number	Auth Code	Ret Ref Num	Trans Type	Trans Amount	Trans Curr	Blocked amount	Blocked Curr	Trans Date	Posting Sta
+	28/09/17 15:26:46	Our POS	Request	4015500126392632	902900	444000570772	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	04/10/17 00:04:34	Our POS	Request	4015500102876327	909120	444000571416	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	15/08/17 19:31:30	Our POS	Request	4015500129406108	846630	444000564665	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	28/09/17 15:27:02	Our POS	Request	4015500179039320	902920	444000570774	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	28/09/17 15:26:53	Our POS	Request	4015500183401250	902910	444000570773	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	04/10/17 00:04:43	Our POS	Request	4015500129199661	909134	888000571417	Retail	700,00 USD		741,64 USD		02/01/12 00:00:00	Posted
	16/08/17 19:12:17	Our POS	Request	4015500130319167	846770	444000564723	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	15/08/17 19:33:18	Our POS	Request	4015500196849768	846650	444000564667	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	04/10/17 00:04:49	Our POS	Request	4015500186208280	909140	444000571418	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	04/10/17 00:04:42	Our POS	Request	4015500129199661	909130	444000571417	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
	15/08/17 19:33:19	Our POS	Request	4015500196849768	846654	888000564667	Retail	700,00 USD		741,64 USD		02/01/12 00:00:00	Posted

Ins Del

Query

Cancel

Doc - Brief

Auth History

Fig. 3 List of active blockings generated as a result of authorizations

The authorization documents shown in this list have the following parameters: Service Class="Transaction", Is Authorization="Yes", Posting Status="Posted" or "Inactive". In addition, records for these authorizations are created in the Credit_History table – active blockings that change the contract amount available (Credit Status="Active").

The "Active Authorizations" form also shows:

- Authorization document chains. The BLK_BASE tag is set in the Add Info field of the final authorization document. The total value of all authorization documents in the chain is specified in the BLK_BASE tag. The MOVED_FROM tag is specified in the Current_Conditions field of the Credit_History table for all authorization documents in the chain. This tag contains the identifier of the final authorization document.
- An authorization document generated for the difference between the financial document and authorization documents. For example, an authorization document is generated for 1000 EUR; a financial document is received for 100 EUR. A new authorization document is created for 900 EUR. A record in the Credit_History table is created for the authorization document for 900 EUR with the "Rest Amount" tag specified in the Current_Conditions field. This tag contains the identifier of the original authorization document (generated for 1000 EUR).



Creation of a new authorization document for the difference between the financial document and original authorization document is regulated with the AUTH_AMOUNT_DIFF_PCNT and AUTH_AMOUNT_DIFF_PCNT_RETAIL global parameters. These parameters set the permissible difference (in %) in the amounts of the financial and original authorization documents, so that a new authorization document does not have to be created.

"Active Authorizations" form fields and their possible values are described in the "Authorisation Information" section of the document "Customer Service User Manual".

Active blockings can be viewed by opening the "Auth History" form (the Credit_History table) using the [Auth History] button in the "Active Authorizations" form (see Fig. 3). The list of possible values for the types and statuses of an authorization message that is responsible for changing a contract's amount available can be found in the "Changing a Contract's Amount Available" section of the "WAY4™ Authorisation Subsystem" document.

To unblock contract funds, select the appropriate authorization document in the "Active Authorizations" form and click on the [Cancel] button. As a result, the authorization document will get Posting Status = "Closed", and funds blocking will be cancelled.

Matching documents - adjustment, reversal, etc. are manually created using the [Doc – Brief] button. For more information about this activity, see the section "Manually Creating Matching Documents" of the document "Documents".

Unblocking funds blocked after processing financial documents

If it is necessary to manually unblock contract funds blocked as a result of processing "When available" financial documents, use the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Cancel WhenAvailable Docs".

A grid form with the list of financial documents that caused funds to be blocked in contract accounts will be displayed (see Fig. 4).

Cancel WhenAvailable Docs					<< < > >>		1 of 5		X
	Target Number	Trans Type	Trans Details	Trans Curr	Trans Amount	Posting Status			
→	4015503861975785	My WhenCredit Fee		USD	81,34	Processed			
	4015503861975785	My WhenCredit Fee		USD	81,34	Processed			
	4015506401506507	My WhenCredit Fee		USD	81,34	Processed			
	4015503734424482	My WhenCredit Fee		USD	81,34	Processed			
	4015506401506507	My WhenCredit Fee		USD	81,34	Processed			
Ins	Del	Query	Cancel W/A	Errors	Full Info	Auth Record			

Fig.4 List of financial documents that caused blocking of funds in contract accounts

In this form, select the required document and click on the [Cancel W/A] button to unblock funds in the accounts. This document will get Posting Status = "Closed", and blocking of funds will be cancelled, i.e. the respective amount will not be debited from the contract accounts.

Chapter 3. Backdating Interest Recalculation for Contract Accounts

It is possible to backdate recalculation of interest for contract accounts. For example, if a new interest rate should be applied from June 20, and changes to the interest rate are entered into the Accounting Scheme on June 23.

To recalculate, select the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Interests Recalculation". The "Interests Recalculation" form will appear (see. Fig.5).

The screenshot shows the "Interests Recalculation" form. It features a table with the following columns: Scheme Name, Currency, Interval Type, Billing Cycle, Code, and Is Ready. The table contains five rows of data. Below the table are buttons for "Ins", "Del", "Query", "Recalc All", and "Templates". The "Recalc All" button is highlighted.

	Scheme Name	Currency	Interval Type	Billing Cycle	Code	Is Ready
→	001-Full Iss USD Priv TARIFF	USD	Month	1	FUSDTRF	Ready
	001-Debit Iss USD Priv Fixed Day	USD	Month	1	fix_d_d	Ready
	001-Full Iss Local Priv ROUND OFRUR	RUR	Month	1	FLOC_old	Ready
	001-Full Iss RUR Priv LOYALTY2	RUR	Day	10	LOY2	Ready
	001-Full Iss USD Priv_FOR_TEST	USD	Month	1	int_fee	Ready

Fig.5 "Interests Recalculation" form

The "Interests Recalculation" form contains a list of the Accounting Schemes registered in WAY4 for issuing contracts.

To recalculate interest for all a particular Scheme's account templates, do as follows:

- Specify the new interest rate value in the templates of the corresponding Accounting Scheme, using standard tools (for example, the menu item "Full → Configuration Setup → Products → Account Schemes").
- Select the Accounting Scheme from the list in the "Interests Recalculation" form (see Fig.6).
- Click on the [Recalc All] button in the "Interests Recalculation" form (see Fig.5), and in the window that opens (see Fig.6) specify the date from which the interest rate set in this Accounting Scheme's templates should be applied and click the [Proceed] button.

The screenshot shows a dialog box titled "Date From". It contains a text input field with the date "01/10/2017". At the bottom of the dialog are two buttons: "Cancel" and "Proceed".

Fig.6 Entering the date from which the interest rate should be applied

After the [Proceed] button is clicked, interest will be recalculated for all accounts created according to the templates of this Accounting Scheme.

To recalculate interest for the accounts of a particular template, in the "Interests Recalculation" form, click the [Templates] button. A form containing a list of Accounting Scheme templates will open (see Fig.7).

Templates for 001-Full Iss USD Priv TARIFF							<< < > >>		1 of 10		b x	
	Interest Rate	Is Ready	Grace Period	Due Period	Repayment %	Min Repayment	Interest Fee	Currency	Account Name			
→	0,00	Ready	0	0	0,00	0,00	0,00	USD	Dispute			
	10,00	Ready	0	0	0,00	0,00	0,00	USD	CI Deposit			
	5,00	Ready	0	3	0,00	0,00	0,00	USD	CI Deposit Int			
	20,00	Ready	0	0	50,00	0,00	0,00	USD	CI Loan			
	0,00	Ready	0	0	0,00	0,00	0,00	USD	CI Loan Int			
	30,00	Ready	0	0	100,00	0,00	0,00	USD	CI OVL			
	40,00	Ready	0	0	0,00	0,00	0,00	USD	CI OVD			
	20,00	Ready	2	10	0,00	0,00	0,00	USD	CI Paym Due			
	10,00	Ready	0	0	0,00	0,00	0,00	USD	CI Sec Deposit			
	30,00	Ready	2	10	0,00	0,00	0,00	USD	CI OVL Paym Due			
Ins Del		Query		Recalc		Full Info						

Fig.7 Recalculating interest for a specific template's accounts

In this form, select the desired template and click the [Recalc] button. In the window that opens (see Fig.6) specify the date from which the interest rate set in this template should be applied, and click on the [Proceed] button. Interest will be recalculated for all accounts created according to this template.

Contracts - Prediction Parameters

<< < > >>

1 of 1

Prediction on date:

01/03/2012

Does the customer pay the late payment?

Date:

11/02/2012

Amount:

500,00

Choice:

Yes

Cancel

Proceed

Рис.9 Selecting a date for a balance prediction

Prediction results can be viewed by clicking on the [Log] button in the "Issuing Contracts – Balance Prediction" form (see Fig.8). Clicking on this button opens the "Log for <name of client>" process log (see Рис.10). Click on the [Messages] button in this form for the "Acnt balance prediction" process.

Log for Top Level (4015500564695439)													<< < > >>	1 of 1	b x
Process Name	Started	Finished	Status	Parameters	Bank Date	Started By	Stopped By	rrrent Numl	Last Updated	Number Of	Parent Process	Object Type	Object Id	Error Level	System Instance
Acnt balance prediction	18/10/17 15:33:25	18/10/17 15:33:27	Closed	4015500564695439	01/02/2012	DEMIGOD		0	18/10/17 15:33:27	0		ACNT_CONI	6088750	Error	gslSa@oadic
Query Messages Subprocesses Login History Sessions Parameters															

Fig.10 Form with information about processes

Information about the contract balance being predicted will be shown in the "Messages for Acnt balance prediction" form (see Fig.11). In the process of prediction, banking days for this contract are subsequently closed until the date up to which the balance is being calculated ("Date To"). No operations (transactions or payments) with this contract for this period are assumed, however regular fees are recorded. A balance is predicted with the custom procedure CUST_STATE_STR_TO_LOG (db\scripts\oracle\install\owsowner\cust). The procedure logs the contract state resulting from closing days to the "Date To" date. The contract identifier is the procedure's input parameter. A technical payment to the contract is made to calculate the amount for payment (ToPay). The technical payment is made based on the following global parameter values:

- PREDICTION_MAX_AMOUNT – technical amount used by the procedure when calculating the amount to be paid for a specific date. The default value is 1000000000.
- PREDICTION_MSG_CODE – type of document created by this technical payment. The default value is "PAYACC".
- PREDICTION_SOURCE – bank contract from which the amount of the technical payment is credited to the client's account. The default value is "001-TELLER".

In the standard version of the procedure, the following information is recorded in the Process Log (see Fig.11):

- Contract number (*Contract*).
- Date of the last day closed in prediction (*Date*).
- Contract currency (*Currency*).
- Expected balance (*Total Balance*).
- Credit limit (*Credit Limit*).
- Amount of the permanent credit limit and additional authorization limit (*Total limit = Credit Limit + Additional limit*).
- Amount due (*ToPay*) – payment amount for full repayment of debt.
- Amount due (*To Pay Closure*) – amount for full repayment of debt at the time of closing the contract. If balance prediction is performed on a date later than the scheduled repayment date (*Due Date*) but in the same billing cycle, the calculated amount of interest can be more than the amount recorded in *To Pay*. For example, the full repayment amount is calculated on the date of closing the contract but interest is accrued after the last CDU procedure ("Contracts Daily Update"). The amount calculated in the *To Pay Closure* field includes this debt.
- For each of the contract's accounts:
 - Balance (*BAL*).
 - Interest (*Interest*).
 - Penalties/Predicted interest rate (*Innterest Fee*).
 - Account balance after closing the contract (*Balance After Closure*).
- Total amount of interest in the contract currency (*Total Interest*).

Messages for Acnt balance prediction					<< < > >>		1 of 17	b x
ID	Message Title				Type	Date	Object Type	
297469281	Ended, processed 0 records				Information	18/10/17 15:33:27	ACNT_CONTRAC	
297469280	Successfully Completed				Information	18/10/17 15:33:27	ACNT_CONTRAC	
297469279	Total Interest 0.00				Information	18/10/17 15:33:27		
297469278	CI Loan Int 1	840	-54.37	interest	0.00 interest fee	0.00 balance after closure	Information 18/10/17 15:33:27	
297469277	Billed	840	-4 050.00	interest	0.00 interest fee	0.00 balance after closure	Information 18/10/17 15:33:27	
297469276	Loan PD	840	-450.00	interest	0.00 interest fee	0.00 balance after closure	Information 18/10/17 15:33:27	
297469275	CI Loan Int	840	-90.96	interest	0.00 interest fee	0.00 balance after closure	Information 18/10/17 15:33:27	
297469274	Accounts				Information	18/10/17 15:33:27		
297469273	To Pay Closure 4 645.33				Information	18/10/17 15:33:27		
297469272	To Pay 4 645.33				Information	18/10/17 15:33:27		
297469271	Total limit 100 000.00				Information	18/10/17 15:33:27		
297469270	Credit limit 100 000.00				Information	18/10/17 15:33:27		
297469269	Total Balance -4 590.96				Information	18/10/17 15:33:27		
297469268	Currency 840				Information	18/10/17 15:33:27		
297469267	Date 2012-03-01				Information	18/10/17 15:33:27		
297469266	Contract 401550 5439 (Top Level [4015500564695439])				Information	18/10/17 15:33:27		
297469218	Started				Information	18/10/17 15:33:25	ACNT_CONTRAC	

Fig.11 Balance calculation results

i If contract information shown in the log must be changed, the custom procedure CUST_STATE_STR_TO_LOG can be edited; in this case it is recommended to contact the WAY4 vendor.

Chapter 5. Limit Normalization

Limit normalization rules are determined using the `ONLINE_NORMALIZATION` global parameter. By default (`ONLINE_NORMALIZATION="Y"`), account normalization is performed in the process of posting macrotransactions. Otherwise (`ONLINE_NORMALIZATION="N"`), normalization is performed either during the contracts daily update procedure (see "Contracts Daily Update Procedure" of the "Daily Procedures" document) or using the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Limit Normalization". The menu item "Full → DB Administrator Utilities → Special Contract Utilities → Limit Normalization" calls the normalization procedure. The selection for the procedure includes main contracts with a value other than "Close" in the `is_ready` field (without higher-ranking contracts in a "Main/Sub" hierarchy), and all contracts in a "Liability" hierarchy that meet the same conditions as main contracts (`amnd_state = 'A'` and `acnt_contract__oid` is null and `is_ready='Y'`).

Chapter 6. Changing Subsidiary GL Account Numbers using the "Renumber Subsidiary GL Account" procedure

For a detailed description of methods for changing contract account numbers, see the section "Changing Account Numbers" of the document "WAY4™ Accounting" document.

A subsidiary GL account number for a contract account can be changed in the "Renumber Subsidiary GL Accounts" form, menu item "Full → DB Administrator Utilities → Special Contract Utilities → Renumber Subsidiary GL Account" (see Fig.13).

Fin Institution	Product Category	Contract #	Account Scheme	Contract Type	Date Open	Status	Curr	Available	Contract ID	Amendment Date
Principal	Issuing	4015033227341142	001-Full Iss USD Serv1	Our VISA Cards	02/02/2008	Card OK	USD	-1 519,00	4529390	30/06/16 22:09:39
Principal	Issuing	401506158571233	001-Full Iss USD Priv	Our VISA Cards	01/08/2011	Card OK	USD	99 366,33	4529170	30/06/16 22:08:15
Principal	Issuing	4015503307969905	001-Full Iss USD Priv	Our VISA Cards	01/04/2008	Card OK	USD	97 498,03	4529160	30/06/16 22:07:41
Principal	Issuing	4015500111118299	001-Full Iss USD Priv_BAL	Our VISA Cards	01/11/2013	Card OK	USD	998 081,37	4529140	30/06/16 22:07:24
Principal	Issuing	4015500198500583	001-Full Iss USD Priv_BAL	Our VISA Cards	01/10/2013	Card OK	USD	993 950,32	4529130	30/06/16 22:06:56

Account Name	Code	Curr	Balance	Int Rate	Account Number	GL Number	Category
CI OVL	<	USD	-1 519,00	30,00	001C-CR-USD-OVL-840	001C-CR-USD-OVL-840	Pay Immediate
CI Loan Int	-	USD	0,00	0,00			Pay Immediate
CI Deposit Int	+	USD	0,00	5,00			Other
CI Deposit	P	USD	0,00	10,00	001C-CR-USD-DEPOSIT-840	001C-CR-USD-DEPOSIT-840	Other
CI Loan	L	USD	0,00	20,00	001C-CR-USD-L-840	001C-CR-USD-L-840	Pers Limit

Fig.13 "Renumber Subsidiary GL Accounts" form

The [Renum All] button is used to apply to all accounts of the contract selected in the "Renumber Subsidiary GL Account" form numeration rules according to a custom procedure and account template parameters. Contract accounts are shown in the "Accounts..." form opened by clicking the [Accounts] button.

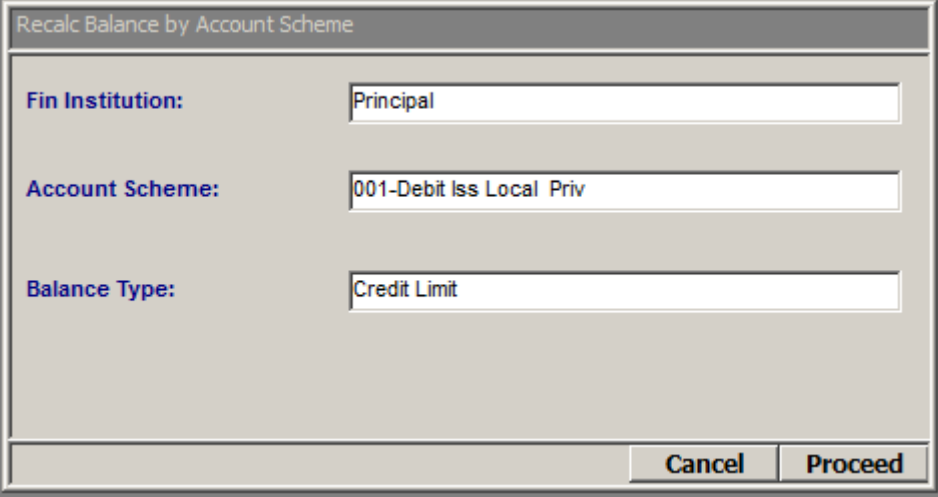
In the "Accounts for..." form opened by clicking on the [Accounts] button:

- The [Renum...] → [Renum By Default] button works in the same way as the [Renum All] button, but applies numeration rules to a specific contract account according to a custom procedure and account template parameters.
- The [Renum...] → [Set New Account Number] button is used to manually specify the subsidiary GL account number for a selected contract account. Clicking on this button opens a form where the account number should be entered and the [Proceed] button clicked (see Fig.14).

Fig.14 Form for entering a subsidiary GL account number

Chapter 7. Recalculating Contract Balance Types for an Account Scheme

Balance types are recalculated for a specific Account Scheme in the "Recalc Balance by Account Scheme" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balance by Account Scheme" (see Fig.15).



The screenshot shows a dialog box titled "Recalc Balance by Account Scheme". It contains three labeled text input fields: "Fin Institution:" with the text "Principal", "Account Scheme:" with the text "001-Debit Iss Local Priv", and "Balance Type:" with the text "Credit Limit". At the bottom right of the dialog are two buttons, "Cancel" and "Proceed".

Fig.15 "Recalc Balance by Account Scheme" form

Fill in the following fields in the "Recalc Balance by Account Scheme" form:

- To filter Accounting Schemes for a financial institution, choose the appropriate institution in the *Fin Institution* field.
- *Account Scheme* – Account Scheme for which recalculation is required.
- *Balance Type* – balance type for which recalculation will be performed. To do so, fill in the *Balance Type* field.

Complete the operation by clicking on the [Proceed] button.

Chapter 8. Recalculating Contract Balance Types

Balance types for a selected contract are recalculated in the "Recalc Balances for Contracts" form opened with the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balances for Contracts" (see Fig.16).

Contract Number	Date Open	Status	Contract Type	Product	Is Ready	Institution	Main Contract	Liab Co
4015500112840370	01/09/2010	Card OK	Our VISA Cards	Test2	Ready	Principal		
12345678	01/10/2012	Device OK	Our POS	Test POS Product	Ready	Principal	359090	
001-C-561827	01/10/2012	Account OK	Client Account	Test Acq Product	Ready	Principal		
11122233	01/10/2012	Device OK	Our POS	Test POS Product	Ready	Principal	001-C-561827	
22334455	01/10/2012	Device OK	Our Imprinter	Test Imprinter Product	Ready	Principal	001-C-561827	
001-C-607125	10/12/2013	Account OK	Client Account	Test Sub Product	Ready	Principal	001-C-073468	
34345566	10/12/2013	Device OK	Our POS	Test POS Product	Ready	Principal	001-C-073468	
4015500100921836	05/05/2012	Card OK	Our VISA Cards	Test for Card	Ready	Principal		
33445566	01/10/2012	Device OK	Our ATM	Test ATM Product	Ready	Principal	001-C-561827	

Buttons: Ins, Del, Query, Recalc, Full Info, Balance - Full, Balances, Usg Lim

Fig.16 Form for recalculating contract balances

To recalculate contract balance type values, move the cursor to the row corresponding to the desired contract and click on the [Recalc] button. As a result, a context menu containing the following items will be displayed:

- "Recalc Hardcoded Balances" – recalculation of balance type values that have codes reserved in the system (for the list of reserved codes, see the section "Registering Balance Types").
- "Recalc Additional Balances" – recalculation of custom balance type values, i.e. balance types with codes differing from reserved codes.
- "Recalc Balance by Account Scheme" – recalculation of balance type values for a specific Accounting Scheme (see the section "Recalculating Contract Balances by Account Scheme").

As a result of this procedure, contract balance type values will be recalculated according to the changes made.

Chapter 9. Moving Clients and Contracts from One FI to Another FI

❗ Avoid moving clients and contracts to another financial institution!

When moving a contract to another financial institution and changing the Product, a Product that is completely identical to the original Product must be specified.

If it is necessary to move client records and contracts (contract tree) from one FI to another, proceed as follows:

- In the "Financial Institutions" form (Full → Configuration Setup → Main Tables → Financial Institutions) the values of the *Clearing In* field for both financial institutions must be the same. If the values do not match, set the same value in the *Clearing In* field

❗ This change must be made only while objects are being moved. After moving the necessary data, set the *Clearing In* field to its original value.

If documents are accepted and posted while a financial institution's *Clearing in* field value is temporarily changed, this may lead to incorrect normalization, interest accrual, etc.

When the value of the *Clearing In* field has been changed, it is necessary to restart the DB Manager application. Otherwise, the "Invalid Clearing Institution" error will occur when a contract is transferred.

- Select the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Change Contracts Institution". As a result, the "Change Contracts Institution" form will be displayed (see Fig.17). A contract can be selected in this form.

Change Contracts Institution										<< < > >>		1 of 86	✕
Fin Institution	Product Category	Contract #	Client	Account Scheme	Contract Type	Date Open	Status	Curr	Available				
Principal	Bank Accounting	001-DEPOSIT	001-RBS	001-Branch Deposit	Bank Account	28/11/2009	Account OK	RUR	-2 573 780,00				
Principal	Issuing	001-P-389278	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	11/10/2012	Account OK	USD	8 905,42				
Principal	Issuing	001-P-706349	TEST CARDHOLDER	001-Full Iss USD Priv	Client Account	05/07/2012	Account Close	USD	-42,15				
Principal	Issuing	001-P-728657	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	05/07/2012	Account OK	USD	-126,45				
Principal	Issuing	001-P-738668	TEST CARDHOLDER	001-Full Iss USD Priv	Client Account	11/10/2012	Account OK	USD	-37,14				
Principal	Issuing	001-P-755205	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	08/09/2010	Account OK	USD	894,75				
Principal	Issuing	001-P-795581	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	18/05/2015	Account OK	USD	1 943,00				
Principal	Issuing	001-P-896595	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	05/07/2012	Account OK	USD	2 496,45				
Principal	Issuing	4015500100921836	Test Client 226	001-Full Iss USD Priv	Our VISA Cards	05/05/2012	Card OK	USD	-5 042,61				
Principal	Issuing	4015500101342206	Test Client 1052	001-Full Iss USD Priv	Our VISA Cards	19/08/2015	Card OK	USD	-57,83				

Fig.17 Form for selecting a contract to be transferred to another FI

Note that in the "Change Contracts Institution" form, a list of contracts that do not have parent contracts is shown, since this procedure cannot be used to transfer a subordinate contract without transferring the parent contract.

In this form, select the necessary contract and click on the [Change] button. In the "Get Financial Institution" form that opens, select the financial institution to which objects will be moved and click on the [Proceed] button. If data are moved successfully, the "Contract moved" message will be displayed on the screen.

After this operation has been performed, only the client record will remain in the source FI, and WAY4 will create a client record, its contract (contract tree) and its history in the target FI.

i When a client record is created in the new FI, WAY4 performs the following actions:

- If the UNIQUENESS_CLIENT_REG_NUMBER parameter is set to "Y" (see the document "WAY4™ Global Parameters"), a new client record will not be created when WAY4 finds a client with the same registration number in the target FI, and the contracts (contract tree) will be linked to the existing client.
- If the UNIQUENESS_CLIENT_NUMBER parameter is set to "Y" (see the document "WAY4™ Global Parameters"), a new client record will not be created when WAY4 finds a client with the same number in the target FI, and the contracts (contract tree) will be linked to the existing client.

In other cases, WAY4 checks for a client record by short name, registration number, and client number.

After the contract has been moved, the original value of the *Clearing In* field that was changed for this financial institution must be restored.

Note that WAY4 automatically generates entries between the contract's old and new GL accounts only if accounts were renumbered when moving a contract.

If contracts are being copied to a new institution, FX rates can be copied from the old institution to the new one (for example, for the appropriate rates to be used when reversing a transaction). To do so, run the menu item "Full → DB Administrator Utilities → Special OpenWay Utilities → FX Rates copy for FI". A form will open to select the date from which rates are being copied, the institution from which the rates are being copied and the target institution (see Fig. 18).

Date From, FI from and FI to

Fin Institution From:

Fin Institution To:

Date From:

Fig.18 "Date From, FI from and FI to" form

Fill in the fields of this form and click on the [Proceed] button.

Chapter 10. Deleting Erroneously Created Client Records in the DB

Deleting a "Private" client record

A client record can be deleted from the database if the client has no:

- Contracts.
- Related clients.
- Authentication scheme (see the section "Creating an Authentication Scheme for a Card, WAY4 Client or WAY4 Customer Profile Client (Consumer)" of the document "Administering WAY4™ Authentication Server").

A client record for a private client (individual) is deleted in the "Private Clients Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Private Clients Remove" (see Fig. 19).

Private Clients Remove							<< < > >>		1 of 12		X
	Short Name	Reg Number	Client Number	Birth Date	First Name	Last Name	Company Name	Fin Institution	Is Ready		
→	TEST CARDHOLDER	123456	12	00/00/0000	TEST	CARDHOLDER		Principal	Ready		
	TEST CARDHOLDER	123456		00/00/0000	TEST	CARDHOLDER		704	Ready		
	MAO	332211		26/12/1893	MAO	DUN		Principal	Ready		
	Test Client 1	Test Client 1		00/00/0000	Test			Principal	Ready		
	Test Client	112233	775588	12/05/1968	Client	Test		Principal	Ready		
		1234567	1234567	00/00/0000	Test	Test		Principal	Ready		
	Test Client 333	0006	0006	12/05/1978				Test1	Ready		
	Test Client 1052	Test Client 1052		00/00/0000	Test	Test		Principal	Ready		
	Test Client 226	Test Client 226		00/00/0000	Test			Principal	Ready		
	WILLIAM SMITH	322121	123456	10/05/1975	William	Smith	Test Company	Principal	Ready		
	Test Client 101	Test Client 101		00/00/0000	Test			Principal	Ready		
	CARDS-53369	53369		01/01/2017				Principal	Ready		
Ins Del Query Remove Client Info Cards All Contracts Classifiers											

Fig.19 "Private Clients Remove" form

Deleting a "Corporate" client record

A client record for a corporate client (legal entity) is deleted in the "Corporate Clients Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Corporate Clients Remove".

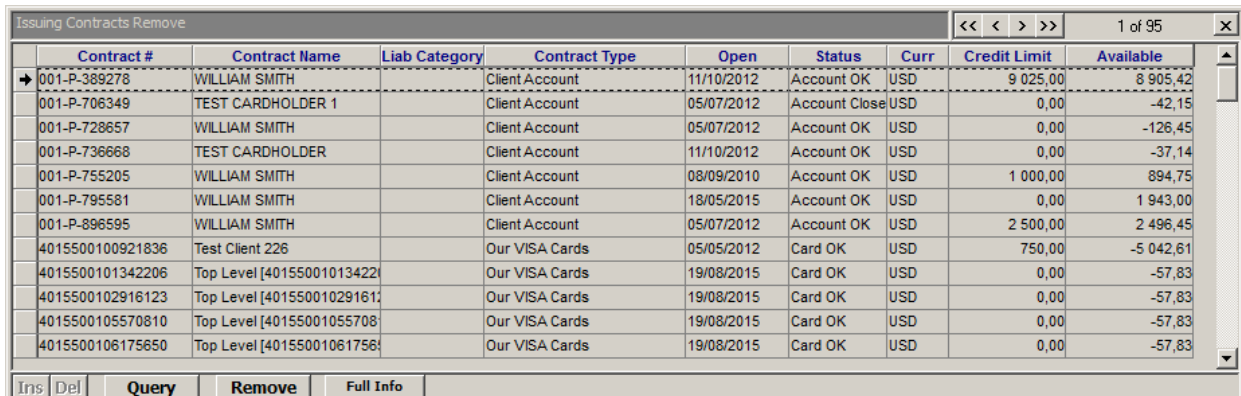
To perform the operation, select a record that was created erroneously, click on the [Remove] button and confirm the operation.

Chapter 11. Deleting Erroneously Created Contracts (Issuing module)

An account contract or card contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Account balance.
- Account turnover.
- Credit history.

A contract can be deleted in the "Issuing Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Issuing Contracts Remove" (see Fig. 20).



Contract #	Contract Name	Liab Category	Contract Type	Open	Status	Curr	Credit Limit	Available
001-P-389278	WILLIAM SMITH		Client Account	11/10/2012	Account OK	USD	9 025,00	8 905,42
001-P-706349	TEST CARDHOLDER 1		Client Account	05/07/2012	Account Close	USD	0,00	-42,15
001-P-728657	WILLIAM SMITH		Client Account	05/07/2012	Account OK	USD	0,00	-126,45
001-P-736668	TEST CARDHOLDER		Client Account	11/10/2012	Account OK	USD	0,00	-37,14
001-P-755205	WILLIAM SMITH		Client Account	08/09/2010	Account OK	USD	1 000,00	894,75
001-P-795581	WILLIAM SMITH		Client Account	18/05/2015	Account OK	USD	0,00	1 943,00
001-P-896595	WILLIAM SMITH		Client Account	05/07/2012	Account OK	USD	2 500,00	2 496,45
4015500100921836	Test Client 226		Our VISA Cards	05/05/2012	Card OK	USD	750,00	-5 042,61
4015500101342206	Top Level [40155001013422		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83
4015500102916123	Top Level [40155001029161		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83
4015500105570810	Top Level [40155001055708		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83
4015500106175650	Top Level [40155001061756		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83

Fig.20 Deleting an erroneously created contract

For the Housekeeping procedure to operate correctly, when deleting a contract that was created erroneously, all its account numbers are deleted.

For information purposes, a deleted account number is saved in the *Account Name* field of the "Accounts for <...>" form in front of the account name (menu item "Issuing → Contracts Input & Update → Issuing Contracts (Private)" → [Accounts]).

Chapter 12. Deleting Erroneously Created Contracts (Acquiring module)

A contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Account balance.
- Account turnover.
- Credit history.

A contract can be deleted in the "Acquiring Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Acquiring Contracts Remove" (see Fig. 21).

Acquiring Contracts Remove								
Contract #	Contract Name	Liab Category	Contract Type	Open	Status	Curr	Credit Limit	Available
→ 001-C-607125	New Department		Client Account	10/12/2013	Account OK	USD	0,00	0,00
001-C-644573	Test Department		Client Account	10/12/2013	Account OK	USD	0,00	0,00
001-C-809267	Test Store		Client Account	09/12/2013	Account OK	USD	0,00	-775,15
11223344	Test POS1		Our POS	09/12/2013	Device OK	USD	0,00	0,00
34345566	Test New POS		Our POS	10/12/2013	Device OK	USD	0,00	0,00
Ins Del Query Remove Full Info								

Fig. 21 Deleting an erroneously created acquiring contract

Chapter 13. Recalculating a Billing Cycle Close Date

A billing cycle close date can be recalculated for all contracts in the "Recalc Billing Cycle" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Billing Cycle" (see Fig. 22).

This action can be performed, for example, after tariffs have been changed.

Recalc Billing Cycle									
Contract Number	Client	Currency	Billing Date	Account Scheme	Date Open	Fin Institution	Client Type	Is Ready	
001-P-706349	TEST CARDHOLDER	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready	
001-P-736868	TEST CARDHOLDER	USD	31/03/2016	001-Full Iss USD Priv	11/10/2012	Principal	Private Resident	Ready	
001-P-288280	Test Client 1	USD	31/03/2016	001-Full Iss USD Priv	27/12/2013	Principal	Private Resident	Ready	
001-P-664233	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	17/02/2014	Principal	Private Resident	Ready	
001-P-537124	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	02/10/2013	Principal	Private Resident	Ready	
001-P-462125	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	01/12/2013	Principal	Private Resident	Ready	
001-P-737021	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	06/12/2013	Principal	Private Resident	Ready	
001-P-896595	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready	
001-P-728657	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready	
001-P-755205	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	08/09/2010	Principal	Private Resident	Ready	
001-P-993897	TEST CARDHOLDER	RUR	31/03/2016	001-Full Iss Local Priv	08/09/2010	Principal	Private Resident	Ready	
001-P-795581	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	18/05/2015	Principal	Private Resident	Ready	
001-P-283620	Test Client 1	USD	31/03/2016	001-Full Iss USD Priv	08/09/2010	Principal	Private Resident	Ready	
001-P-721827	Test Client	USD	31/03/2016	001-Full Iss USD Priv	17/09/2012	Principal	Private Resident	Ready	

Fig. 22 "Recalc Billing Cycle" form

To perform the action, click on the [Recalc ALL] button, and confirm the action by clicking on the [OK] button in the confirm box that opens (see Fig. 23).

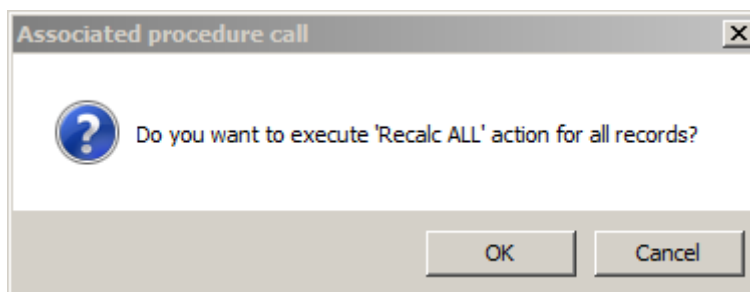


Fig.23 Confirming an action

Chapter 14. Creating a Related ATM Retail Contract

A detailed description of assigning ATM Retail contracts and rules for creating them is provided in the section "Creating New ATM Retail Contracts" of the document "Acquiring Module".

A subordinate ATM Retail contract can be created for an account contract in the "Generate ATM Retail Contracts" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Generate ATM Retail Contracts" (see Fig. 24).

Generate ATM Retail Contracts							
					<< < > >>		10 of 16
Fin Institution	Terminal ID	Client	Category	Contract Type	Status	Location	Is Ready
Principal	55667788	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	12345678	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	11122233	TEST MERCHANT	POS	Our POS	Device OK	COMPANY	Ready
Principal	22334455	TEST MERCHANT	Imprinter	Our Imprinter	Device OK	COMPANY	Ready
Principal	34345566	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	33445566	TEST MERCHANT	ATM	Our ATM	Device OK	COMPANY	Ready
Principal	19911991	TEST MERCHANT	POS	Our POS	Device OK	COMPANY	Ready
Principal	96859633	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	00071415	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
→ Principal	11223344	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	00035899	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	77665544	WILLIAM SMITH	Imprinter	Our Imprinter	Device OK	TEST COMPANY	Ready

Fig. 24 "Generate ATM Retail Contracts" form

To perform the activity, use the [Create] button to open the "Get Template Device" form (see Fig.25).

Get Template Device	
Relation Type	Test
Terminal ID	11223344
<div> <div>Cancel</div> <div>Proceed</div> </div>	

Fig. 25 Registration of an ATM Retail contract

Fill in the fields of the "Get Template Device" form:

- *Relation Type* - type of relation with the device contract. The value is selected from the "Contract Relations" list, menu item "Full → Configuration Setup → Accounting Setup → Contract Relations".
- *Terminal ID* – device ID; for this device contract, this contract will be registered as a related one.

Complete the activity using the [Proceed] button.

Chapter 15. Reversing Macrotransactions

Macrotransactions can be reversed in the "Macrotransactions - Reverse" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Macrotransactions - Reverse" (см. Рис.26).

For more information on working with macrotransactions, see the "Posting Macrotransactions" section of the "Documents" document.

 In this form, the reverse operation is available for all types of macrotransactions.

Macrotransactions - Reverse																<< < > >>		1 of 4258
Date	Status	Institution	Type	Category	Class	Curr	Trans Amount	Dir	S Account	S Amount	S Fee	T Account	T Amount	T Fee	Source Code	Target Code		
01/12/2009	InActive	Principal	Base	Advice	Transaction	USD	300.00	Debit	001-TELLER Cash Pay	300.00	0.00	000001-P-358869	300.00	0.00	000B0001 0001 840001-TELLER	C0001 0001 840001-P-358869		
01/12/2009	InActive	Principal	Base	Advice	Lower Norm	USD	300.00	Credit	001-P-358869 CI Loan	300.00	0.00	000001-P-358869	300.00	0.00	000C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Lower Norm	USD	300.00	Credit	001-P-358869 CI OVL	300.00	0.00	000001-P-358869	300.00	0.00	000C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	000001-P-358869	0.00	0.00		C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Rev/Exp	USD	-487.48	Credit	001-INTERESTS Loan	-487.48	0.00	000001-INTEREST	-487.48	0.00	000B0001 0001 840001-INTERESTS	B0001 0001 840001-INTERESTS		
01/12/2009	Posted	Principal	Base	Advice	Interests	USD	-7.40	Credit	001-INTERESTS Loan	-7.40	0.00	000001-P-358869	-7.40	0.00	000B0001 0001 840001-INTERESTS	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Due Norm.	USD	-300.00	Credit	001-P-358869 CI OVL	-300.00	0.00	000001-P-358869	-300.00	0.00	000C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	000001-P-358869	0.00	0.00		C0001 0001 840001-P-358869		
01/09/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	401550_____	0.00	10.00		C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm	USD	10.00	Credit	401550_____1114 (T	10.00	0.00	401550_____	10.00	0.00	000C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm	USD	10.00	Credit	401550_____1114 (T	10.00	0.00	401550_____	10.00	0.00	000C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	401550_____	0.00	10.00		C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm	USD	10.00	Credit	401550_____1114 (T	10.00	0.00	401550_____	10.00	0.00	000C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		
[<] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100] [101] [102] [103] [104] [105] [106] [107] [108] [109] [110] [111] [112] [113] [114] [115] [116] [117] [118] [119] [120] [121] [122] [123] [124] [125] [126] [127] [128] [129] [130] [131] [132] [133] [134] [135] [136] [137] [138] [139] [140] [141] [142] [143] [144] [145] [146] [147] [148] [149] [150] [151] [152] [153] [154] [155] [156] [157] [158] [159] [160] [161] [162] [163] [164] [165] [166] [167] [168] [169] [170] [171] [172] [173] [174] [175] [176] [177] [178] [179] [180] [181] [182] [183] [184] [185] [186] [187] [188] [189] [190] [191] [192] [193] [194] [195] [196] [197] [198] [199] [200] [201] [202] [203] [204] [205] [206] [207] [208] [209] [210] [211] [212] [213] [214] [215] [216] [217] [218] [219] [220] [221] [222] [223] [224] [225] [226] [227] [228] [229] [230] [231] [232] [233] [234] [235] [236] [237] [238] [239] [240] [241] [242] [243] [244] [245] [246] [247] [248] [249] [250] [251] [252] [253] [254] [255] [256] [257] [258] [259] [260] [261] [262] [263] [264] [265] [266] [267] [268] [269] [270] [271] [272] [273] [274] [275] [276] [277] [278] [279] [280] [281] [282] [283] [284] [285] [286] [287] [288] [289] [290] [291] [292] [293] [294] [295] [296] [297] [298] [299] [300] [301] [302] [303] [304] [305] [306] [307] [308] [309] [310] [311] [312] [313] [314] [315] [316] [317] [318] [319] [320] [321] [322] [323] [324] [325] [326] [327] [328] [329] [330] [331] [332] [333] [334] [335] [336] [337] [338] [339] [340] [341] [342] [343] [344] [345] [346] [347] [348] [349] [350] [351] [352] [353] [354] [355] [356] [357] [358] [359] [360] [361] [362] [363] [364] [365] [366] [367] [368] [369] [370] [371] [372] [373] [374] [375] [376] [377] [378] [379] [380] [381] [382] [383] [384] [385] [386] [387] [388] [389] [390] [391] [392] [393] [394] [395] [396] [397] [398] [399] [400] [401] [402] [403] [404] [405] [406] [407] [408] [409] [410] [411] [412] [413] [414] [415] [416] [417] [418] [419] [420] [421] [422] [423] [424] [425] [426] [427] [428] [429] [430] [431] [432] [433] [434] [435] [436] [437] [438] [439] [440] [441] [442] [443] [444] [445] [446] [447] [448] [449] [450] [451] [452] [453] [454] [455] [456] [457] [458] [459] [460] [461] [462] [463] [464] [465] [466] [467] [468] [469] [470] [471] [472] [473] [474] [475] [476] [477] [478] [479] [480] [481] [482] [483] [484] [485] [486] [487] [488] [489] [490] [491] [492] [493] [494] [495] [496] [497] [498] [499] [500] [501] [502] [503] [504] [505] [506] [507] [508] [509] [510] [511] [512] [513] [514] [515] [516] 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Fig. 26 "Macrotransactions - Reverse" form

To perform the operation, select a macrotransaction to be reversed and click on the [Reverse] button.

Chapter 16. Deleting a Bank Contract

A bank contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Account balance.
- Account turnover.
- Credit history.

A contract can be deleted in the "Bank Accounting Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Bank Accounting Contracts Remove" (see Fig. 27).

Bank Accounting Contracts Remove							<< < > >>		1 of 78		X
	Contract Name	Contract Number	Contract Type	Date Open	Status	Currency	Amount Available	Shared Blocked	Liab Category		
→	001-VISA SMS Fees	001-VISA_SMS_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	001-Affiliated Fee	001-AFF_FEE	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	001-EC Fees	001-EC_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	001-EC Cirrus/Maestro Fees	001-EC_CIRR_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	001-EC Nostro	001-EC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	001-Aff Loro	001-AFF_LORO_NOSTR	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	001-VISA Nostro	001-VISA_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	999-EC Nostro	999-EC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	999-MC Nostro	999-MC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	999-VISA Nostro	999-VISA_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	999-VISA Fees	999-VISA_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	999-Electron/Plus Fees	999-EP_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00			
	999-Aff Loro	999-AFF_LORO_NOSTR	Bank Account	28/11/2009	Account OK	USD	0,00	0,00			
	003-MC Fees	003-MC_FEES	Nostro	01/01/2010	Account OK	USD	0,00	0,00			
Inrs	Del	Query	Remove	Full Info							

Fig.27. Deleting a bank contract