

# How To Add an Input into Transaction Type

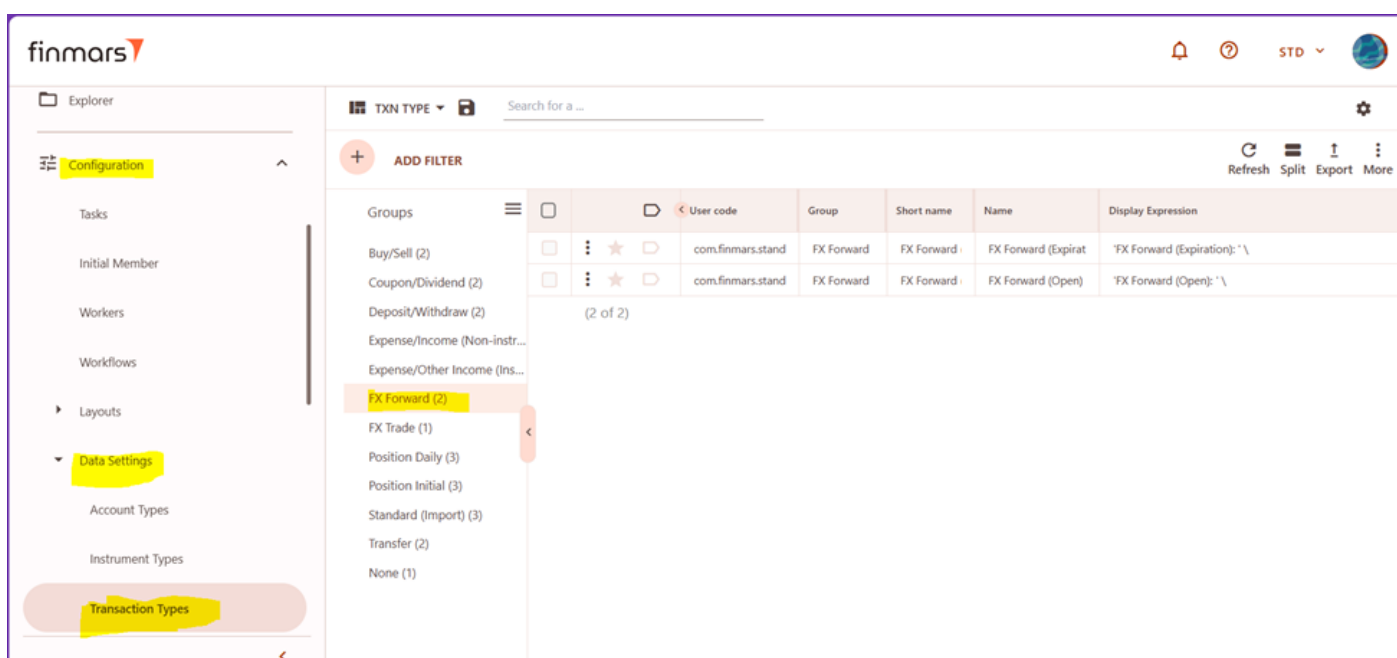
## Prerequisites

We assume you have all prerequisites you may need, including:

1. If needed: the VPN is configured to access the Finmars resources
2. If needed: access to the Virtual Machine to work with the sensitive information
3. Must have: registered in Finmars in the needed region environment (self-registered or registered by Finmars)
4. Must have: having permissions set to allow continue with the Action in the Guide
5. Must have: to create a new Workspace you must have a License Key (provided by Finmars)

## How To Add an Input into Transaction Type

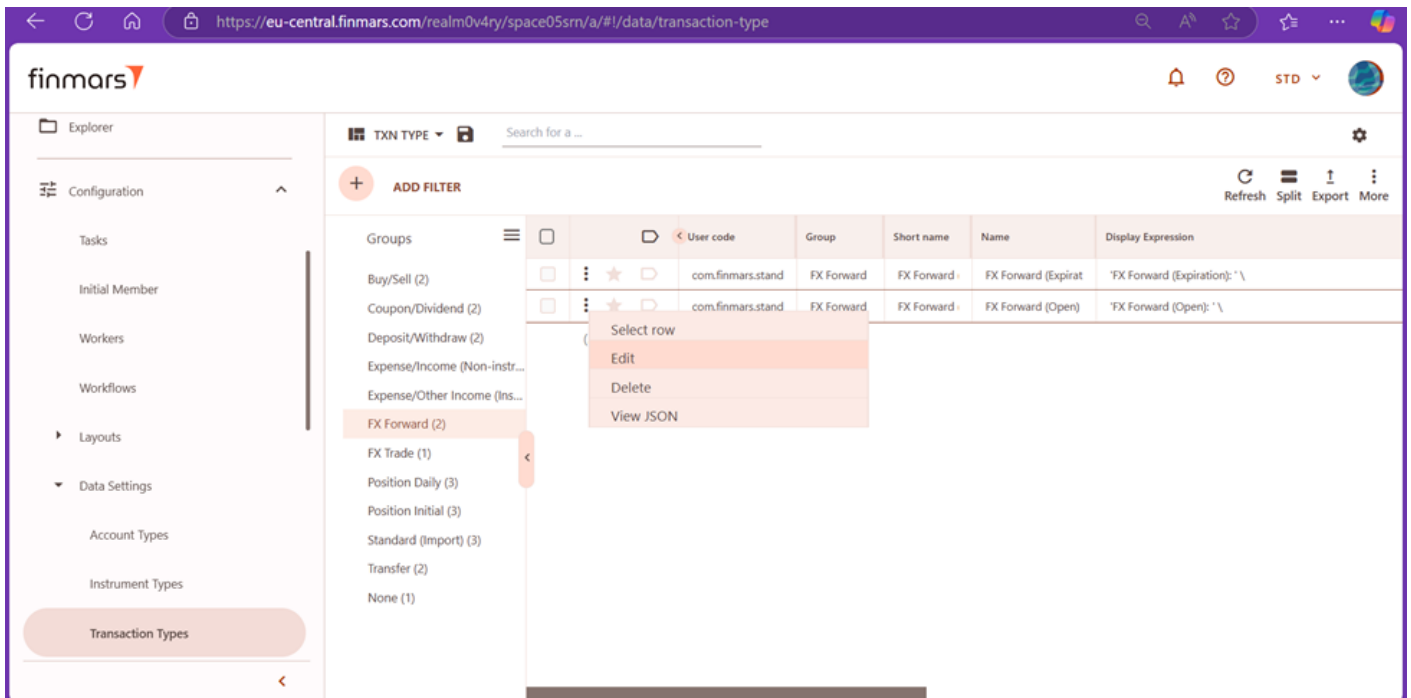
1. Open the Workspace, go to Configuration section, Data settings and select Transaction Types.



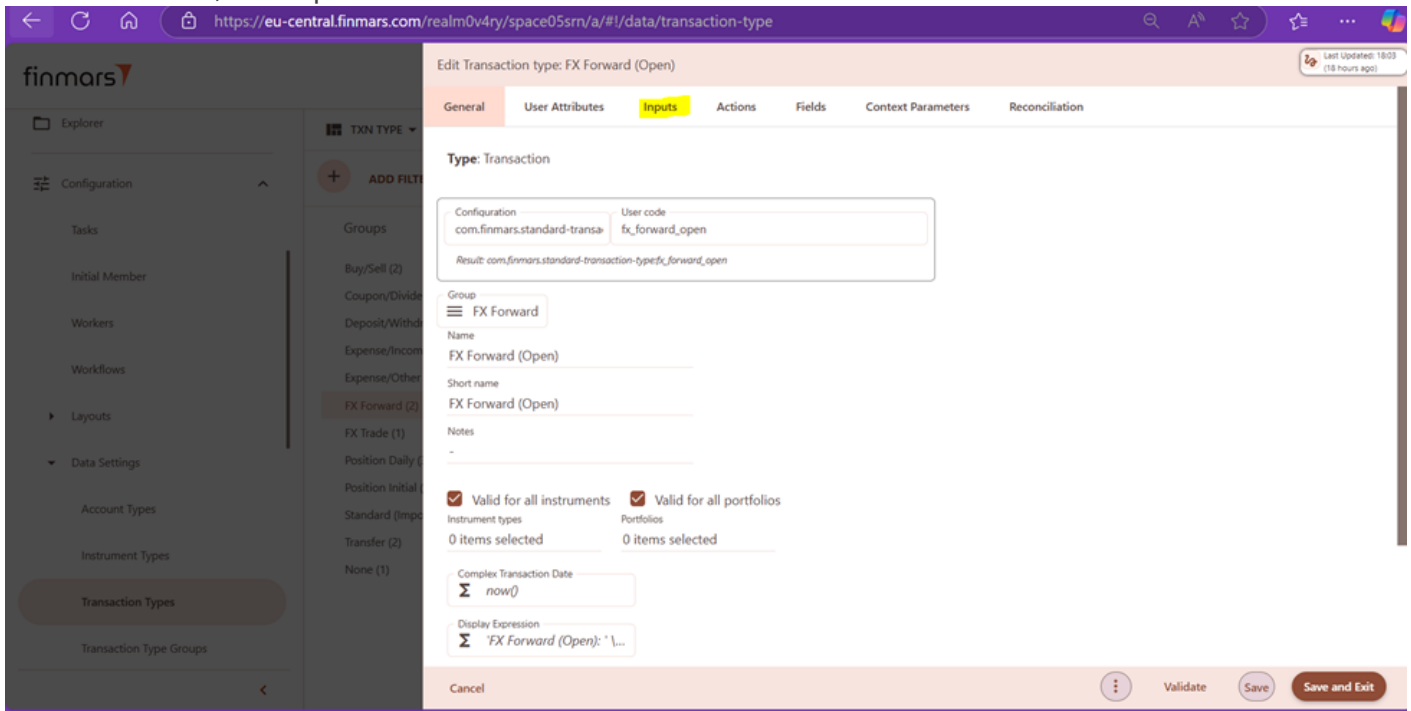
The screenshot displays the Finmars application interface. The top navigation bar includes the 'finmars' logo, a notification bell, a help icon, and a user profile icon labeled 'STD'. The left sidebar shows the 'Configuration' section expanded, with 'Data Settings' and 'Transaction Types' highlighted. The main content area shows a list of transaction types under the 'TXN TYPE' filter. The table below lists the transaction types and their details.

Groups	User code	Group	Short name	Name	Display Expression
Buy/Sell (2)	com.finmars.stand	FX Forward	FX Forward :	FX Forward (Expirat	'FX Forward (Expiration): '\
Coupon/Dividend (2)	com.finmars.stand	FX Forward	FX Forward :	FX Forward (Open)	'FX Forward (Open): '\
Deposit/Withdraw (2)					
Expense/Income (Non-instr...					
Expense/Other Income (Ins...					
FX Forward (2)					
FX Trade (1)					
Position Daily (3)					
Position Initial (3)					
Standard (Import) (3)					
Transfer (2)					
None (1)					

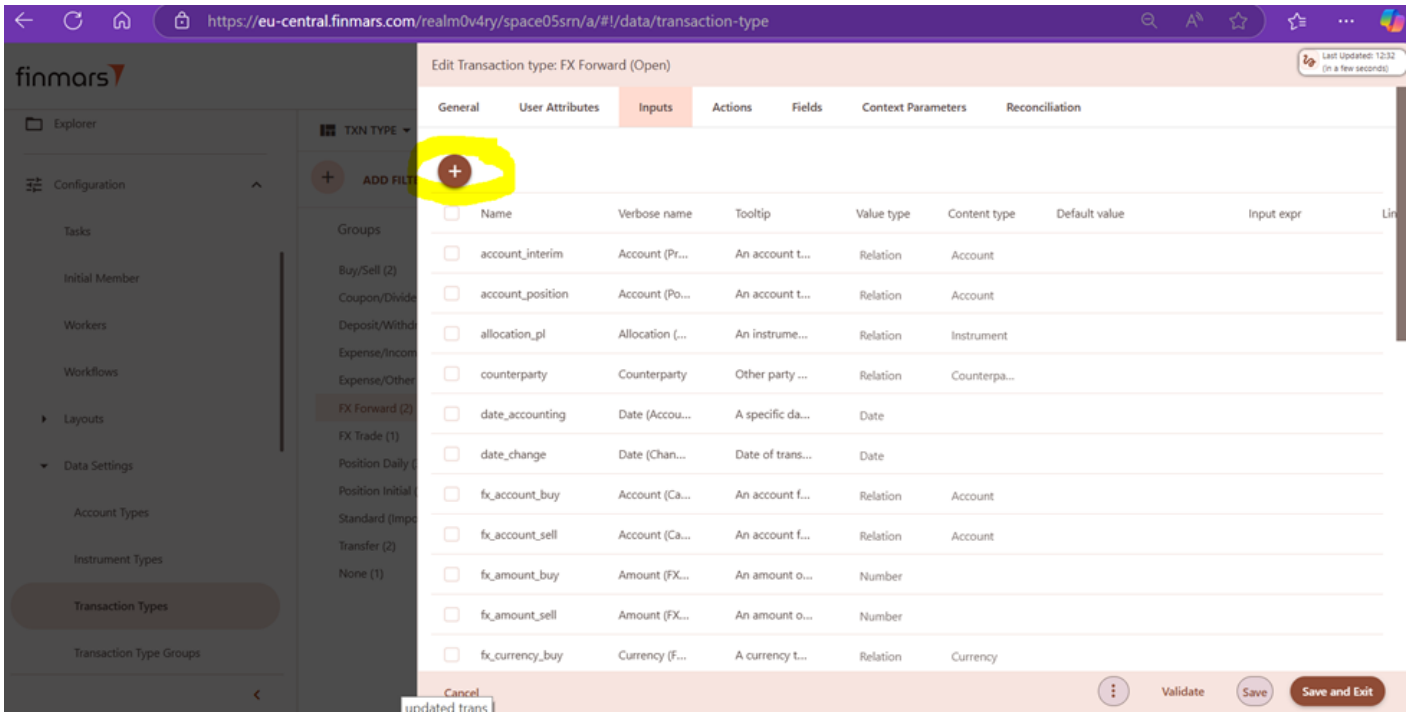
2. Select 3 dots on the left for the respective transaction and choose Edit.



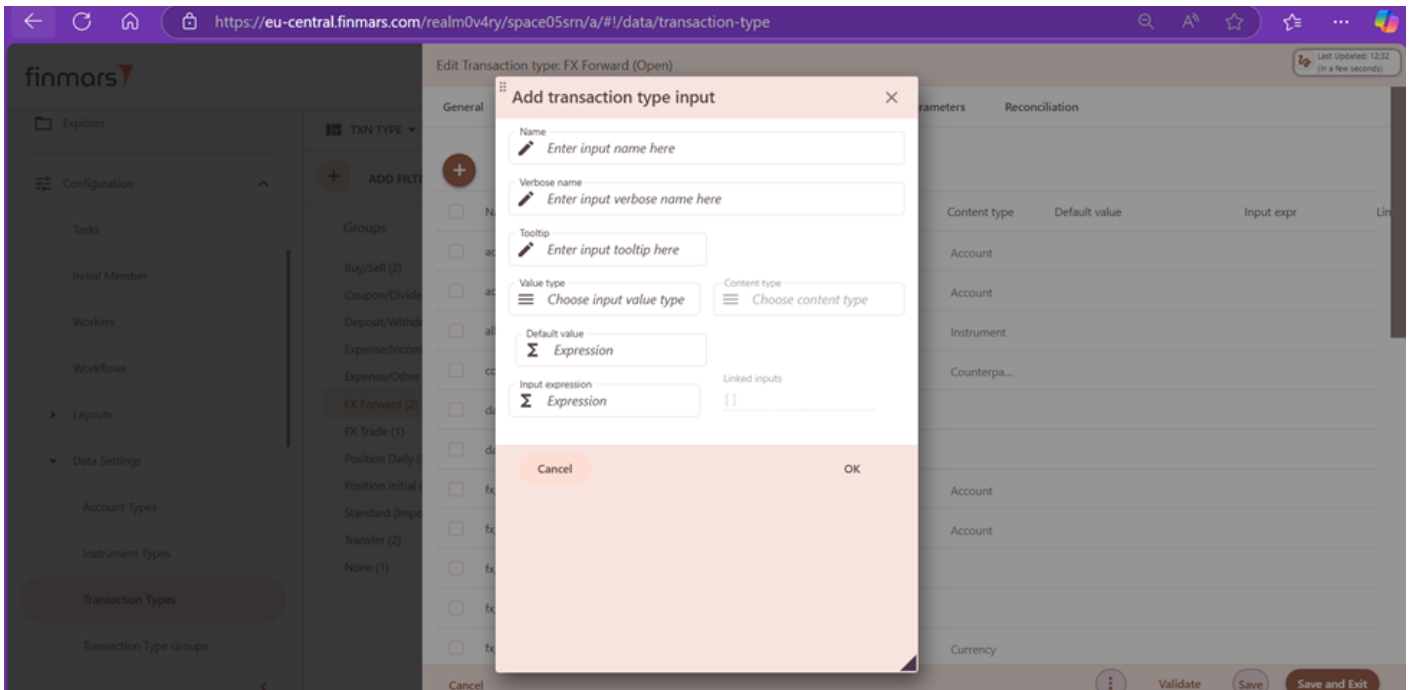
3. In the Editor, tab Inputs has to be selected.



4. Tab Inputs shows all inputs already existing for the respective transaction type. For additional inputs, button + has to be selected.

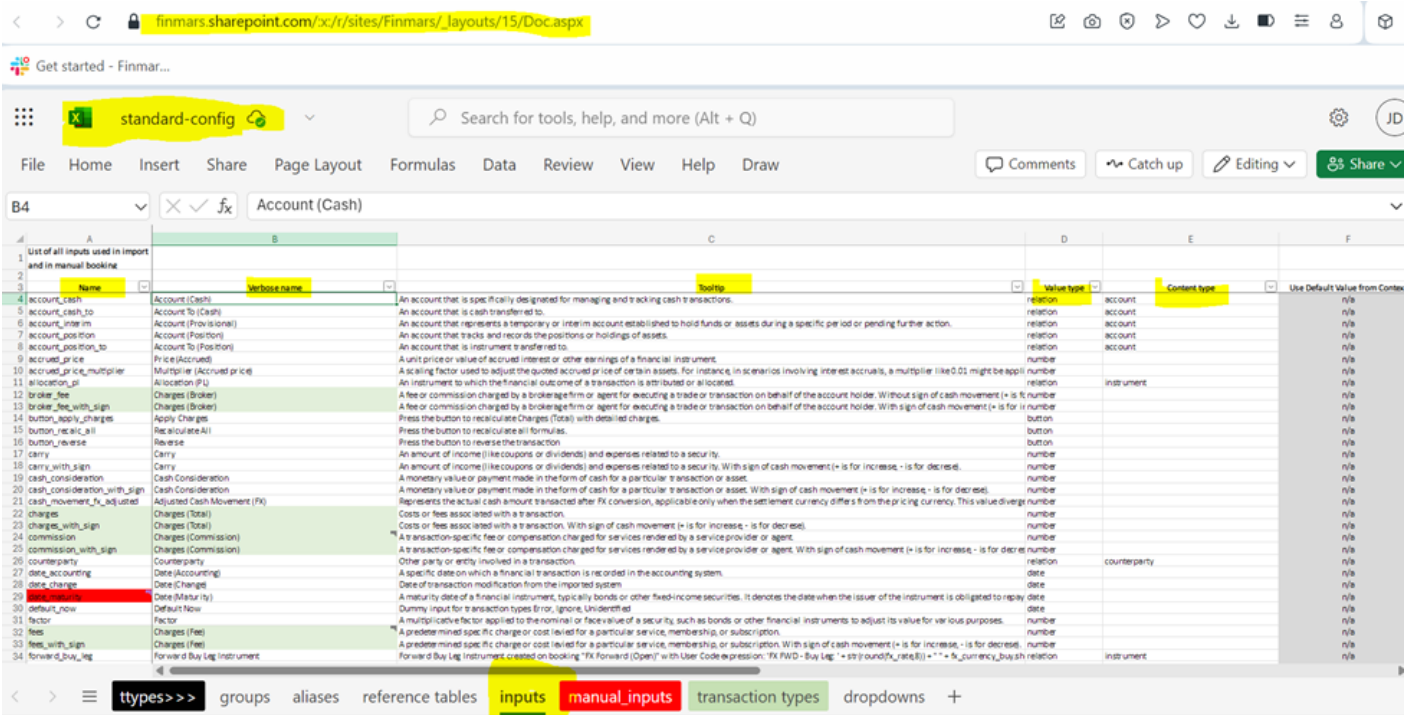


5. In the next step, Input is edited.



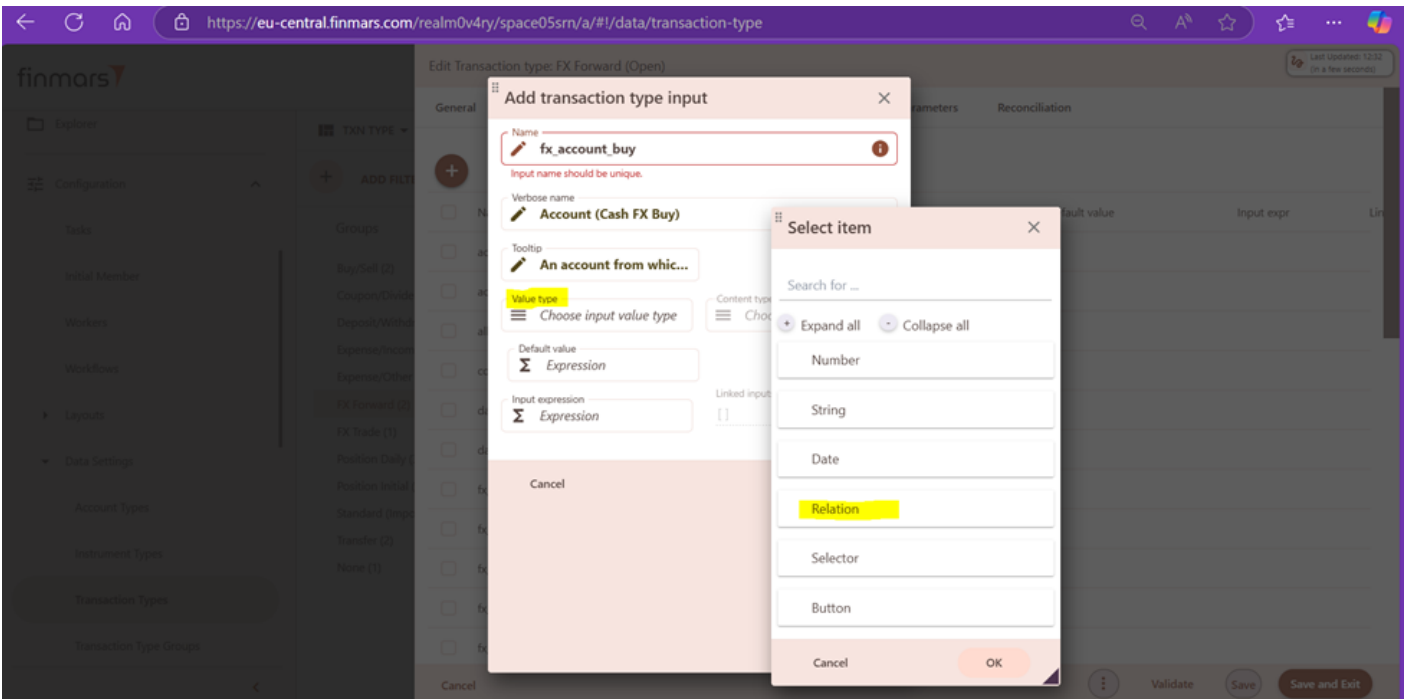
6. Details on Inputs are provided in the excel file for standard configuration. Tab "inputs" should be opened.

[https://finmars.sharepoint.com/:x:/r/sites/Finmars/\\_layouts/15/Doc.aspx?sourcedoc=%7B8596509E-F6A0-45D5-B7A4-2A82C5C24396%7D&file=standard-config.xlsx&action=default&mobileredirect=true](https://finmars.sharepoint.com/:x:/r/sites/Finmars/_layouts/15/Doc.aspx?sourcedoc=%7B8596509E-F6A0-45D5-B7A4-2A82C5C24396%7D&file=standard-config.xlsx&action=default&mobileredirect=true)

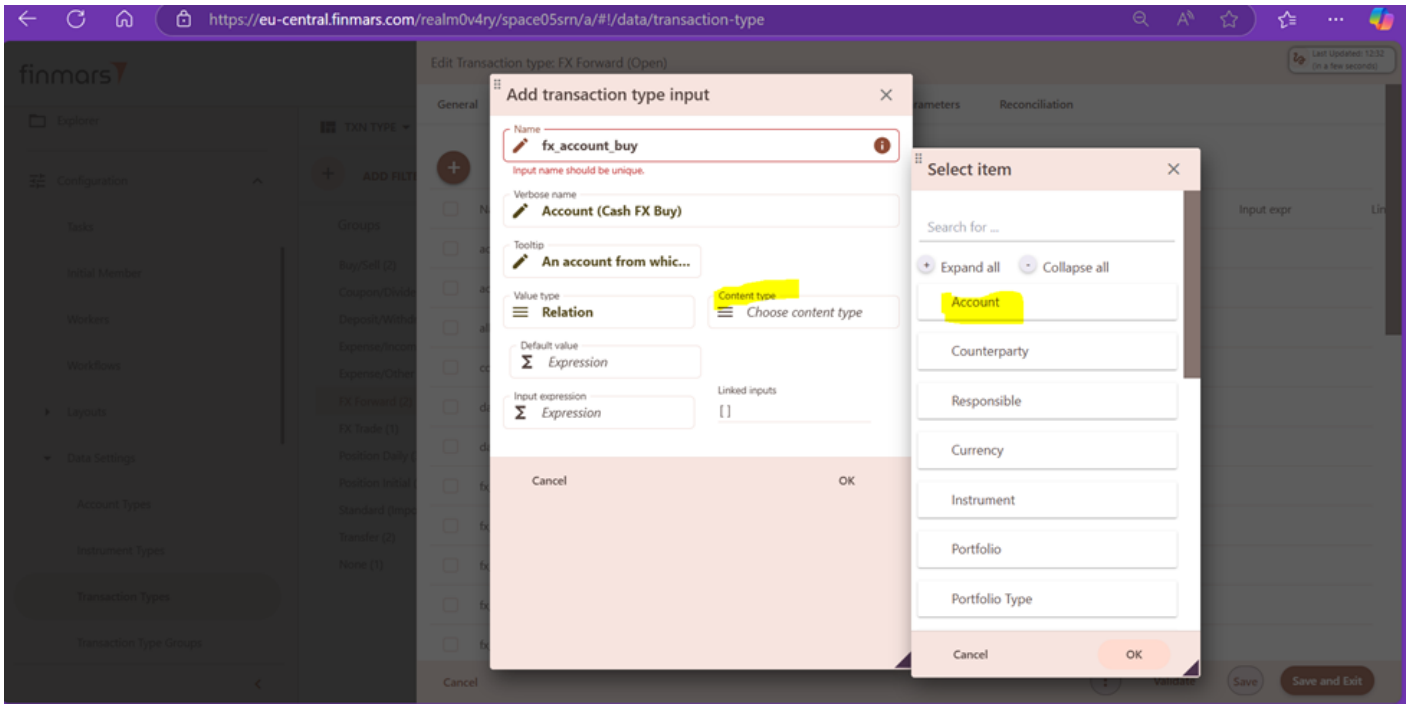


7. Name, Verbose Name and Tooltip should be copied from the excel file for standard configuration and pasted directly to respective fields. Each Input has unique Name.

8. Value type is selected from the drop-down menu.



9. Content type is also selected from the drop-down menu.

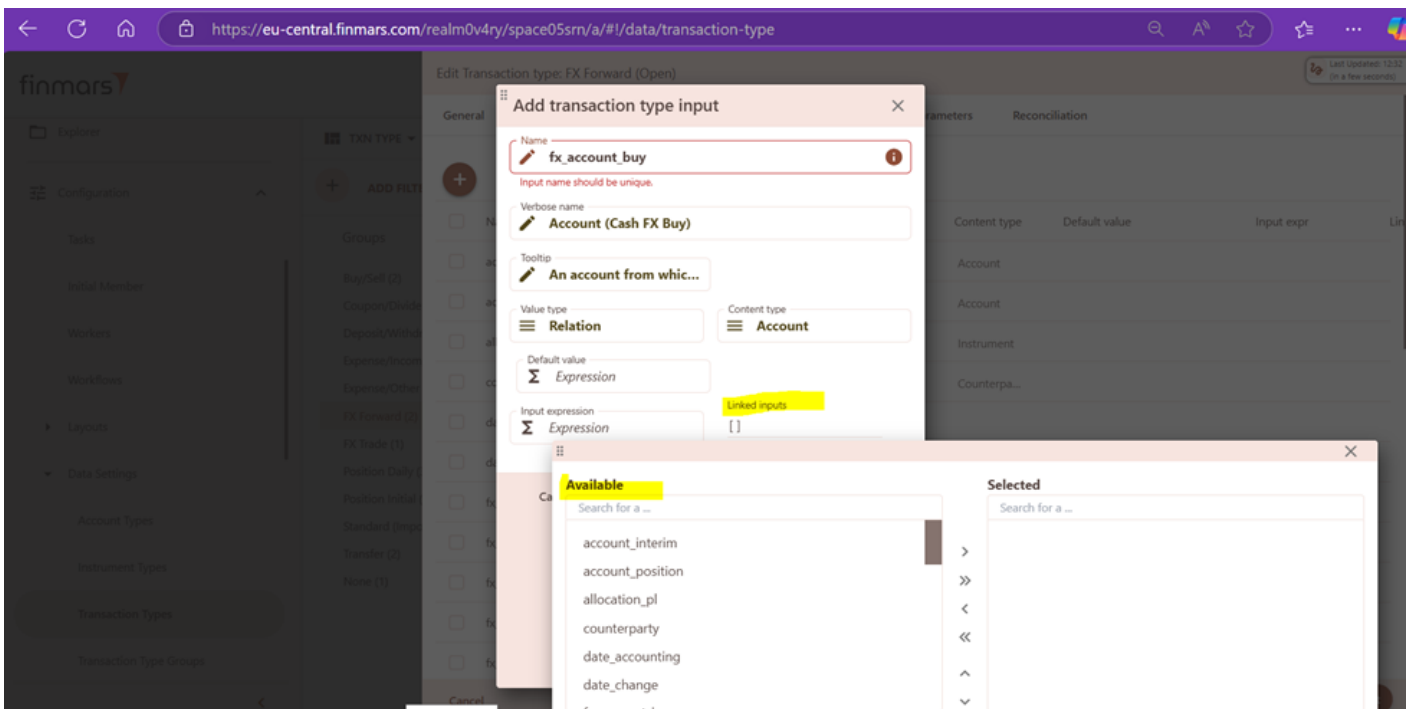


10. Linked inputs can be selected from the drop-down menu as well, depending on the type of respective input.

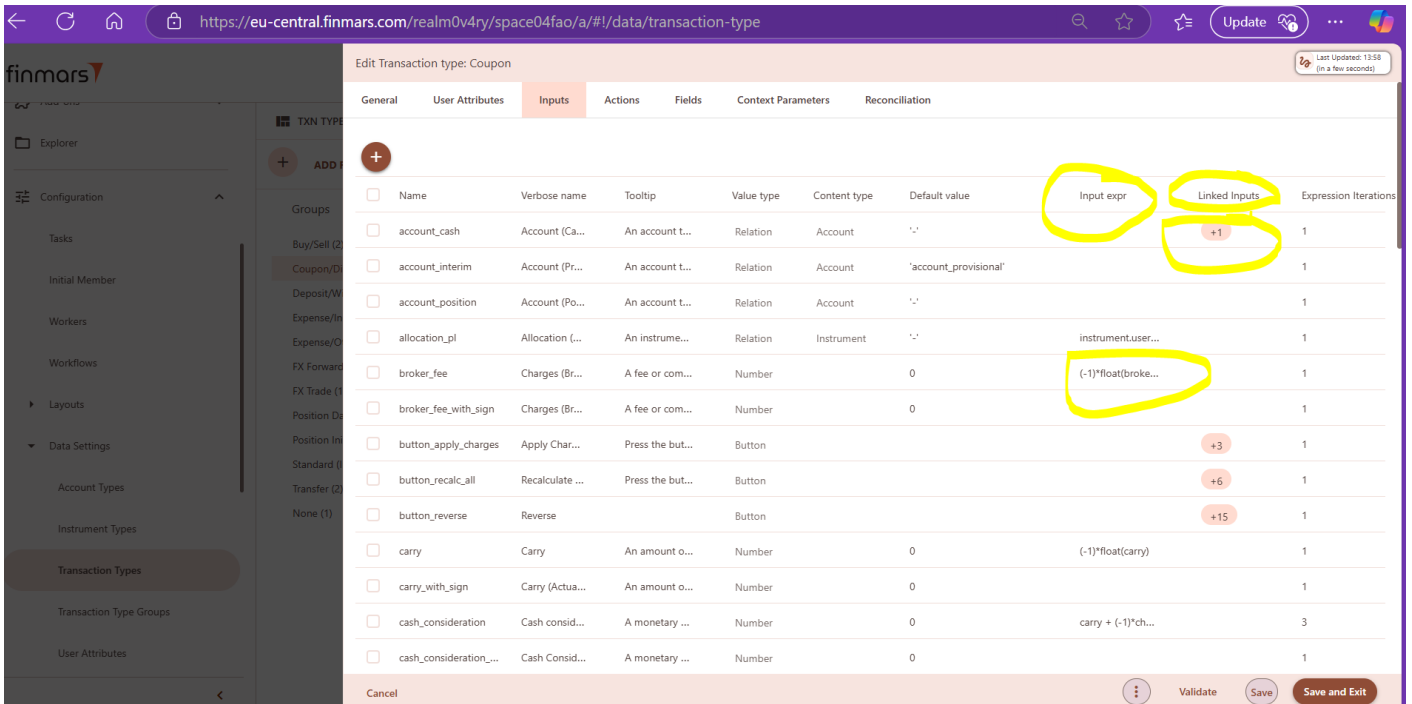
If there is a linked input here, it means that change in this input will trigger input expression for this for listed linked inputs.

What's important here is express exploration. It means how much iterations there will be. So, if there is a dependency between these fields, for example in the first iterations there can be some errors, meaning that we probably need to add several more iterations.

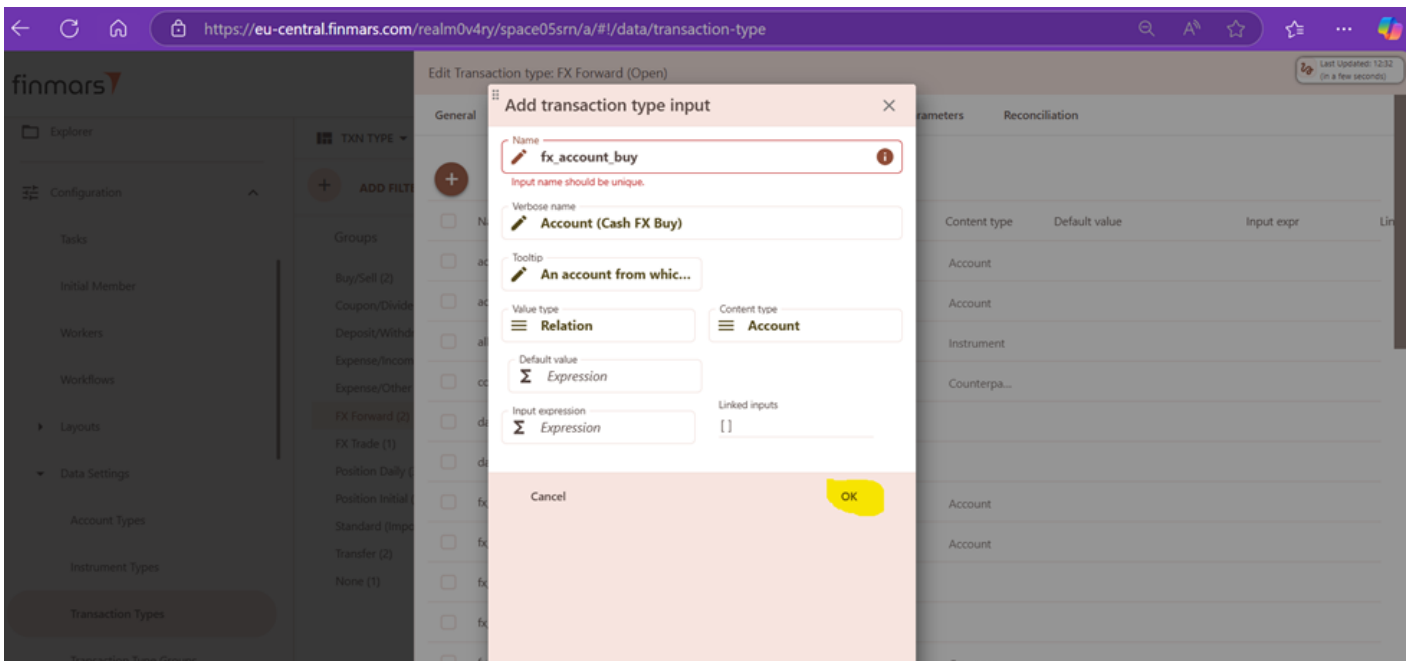
Button - when we click on it, it also triggers all recalculation of input expression of the listed inputs.



Here are some examples of linked inputs and input expressions.



11. Default value is a value that we see by default on the form when we create. By clicking "OK" button, our Input is saved.

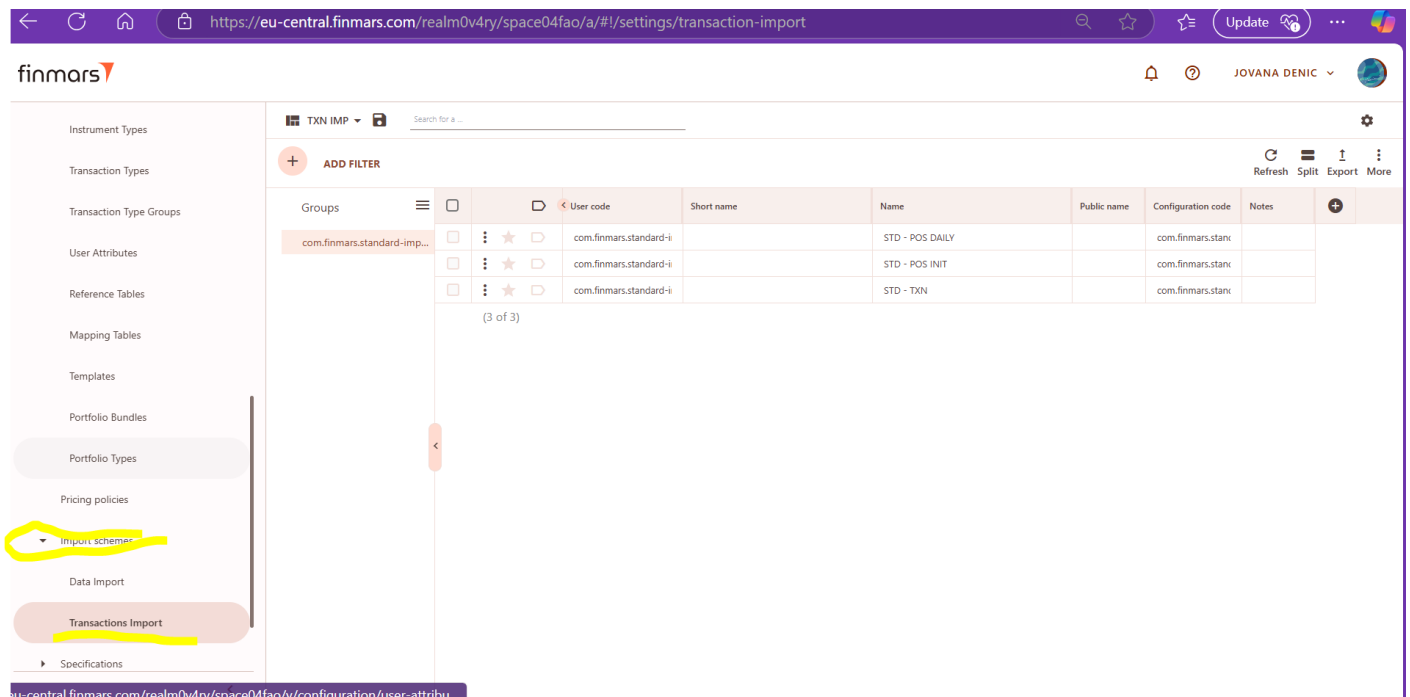


There is also expression editor available in the "Inputs" section.



12. When we update/modify Transaction Types, we always need to make sure that all inputs are updates as well.

13. Finally, we need to make sure that import schemes which are using these transaction types have all applicable input values.



If there are no variables, there are two possible situations:

- 1) either it's provided in the source data and must be passed to the transaction types input;
- 2) or it's calculated in the import scheme and passed to transaction type input.

https://eu-central.finmars.com/realm0v4ry/space04fao/a/#!/settings/transaction-import

Edit Transaction scheme (v2)

General Scheme

Show Dry Run

Column name	name	temp_	temp_
tax_withholding_wit...	temp_tax_withholdin...	Σ	temp_tax_withho
trade_date	temp_trade_date	Σ	universal_parse_c
trade_price	temp_trade_price	Σ	temp_trade_price
transaction_code	temp_transaction_co...	Σ	temp_transaction
value_date	temp_value_date	Σ	universal_parse_c
vat_with_sign	temp_vat_with_sign	Σ	temp_vat_with_si
position_adjusted_w...	temp_position_adjus...	Σ	temp_position_ax
date_accounting	temp_date_accounti...	Σ	universal_parse_c
date_change	temp_date_change	Σ	universal_parse_c
account_position_to	temp_account_positi...	Σ	temp_account_px
account_cash_to	temp_account_cash_...	Σ	temp_account_ci

Name	temp_	temp_
factor	Σ	if factor is not None: factor
position_adjusted_with_sign	Σ	if temp_position_adjusted_wit
position_nominal_with_sign	Σ	if temp_position_nominal_wit
accrued_price_multiplier	Σ	if temp_accrued_price_multipl
accrued_price	Σ	if temp_accrued_price is not N
principal_price_multiplier	Σ	if temp_principal_price_multip
principal_price	Σ	if temp_principal_price is not f
principal_with_sign	Σ	if temp_principal_with_sign is
trade_price	Σ	if temp_trade_price is not Nor
transaction_code	Σ	temp_transaction_code
default_now	Σ	now()

Transaction Type Matching Scenarios

Scenario Name	Status	Selector values	Transaction type
Buy	Active	Buy	Buy (com.finmars.stand
Sell	Active	Sell	Sell (com.finmars.stand
Coupon	Active	Coupon	Coupon (com.finmars.s
Dividend	Active	Dividend	Dividend (com.finmars.s
Deposit	Active	Deposit	Deposit (com.finmars.st
Withdraw	Active	Withdraw	Withdraw (com.finmars
Expense (Instrument)	Active	+1	Expense (Instrument) c
Expense (Non-Instru...	Active	+1	Expense (Non-instrume
Income (Non-Instru...	Active	+1	Income (Non-instrumer
FX Trade	Active	FX Trade	FX Trade (com.finmars.s
Other Income (Instr...	Active	+1	Other Income (Instrum
Transfer Cash	Active	+1	Transfer Cash from finr

Two 'Add field' buttons are circled in yellow.

#### Revision #4

Created 2025-01-28 17:14:19 UTC by Sergei Osipov

Updated 2025-02-13 13:18:47 UTC by Jovana Ristić Denić