

How to Create an Instrument entity

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

Creation of Register Entity

1. Open the **“Data”** section in the left-hand side menu. Select the **“Instruments”** entity from the list under **Data**.

The screenshot shows the Finmars application interface. On the left, the 'Data' menu is expanded, and 'Instruments' is selected. The main area displays a table of instrument data. The table has columns for Groups, User code, Modified At, Asset Type, Country, PRC CCY, ACCR CCY, Short name, and Name. The table is filtered to show 20 items. A red arrow points to the 'Instruments' menu item, and another red arrow points to the '+ Add' button in the top-left corner of the table view.

Groups	User code	Modified At	Asset Type	Country	PRC CCY	ACCR CCY	Short name	Name
Portfolio (20)	Am_test01_Portf	2025-03-17	Other		USD	USD	Am_test01_Portf	Am_test01_Portfolio
- (1)	Armen Portfolio	2025-03-17	Other		USD	USD	Armen Portfolio	Armen Portfolio
Bond (13)	Bonds Portfolio	2025-02-13			USD	USD	Bonds Portfolio	Bonds Portfolio
Other (6)	CH-BND-203948	2025-02-13			USD	USD	CH-BND-203948	Ms.XC: 20394857
FX Forward Leg (4)	CH-BND-203948	2025-02-13			USD	USD	CH-BND-203948	Ms.XC: 20394857_copy
Stock (6)	CH-CMD-20394I	2025-02-13			USD	USD	CH-CMD-20394I	Ms.XC: 20394857
	CH-CMD-20394I	2025-02-13			USD	USD	CH-CMD-20394I	Ms.XC: 20394857
	CH-CYP-756483I	2025-02-13			USD	USD	CH-CYP-756483I	Mr.XY: 75648329
	CH-CYP-756483I	2025-02-13			USD	USD	CH-CYP-756483I	Mr.XY: 75648329
	CH-EQ-7564832I	2025-02-13			USD	USD	CH-EQ-7564832I	Mr.XY: 75648329
	CH-EQ-7564832I	2025-02-13			USD	USD	CH-EQ-7564832I	Mr.XY: 75648329
	CH-INV-0984756I	2025-02-13			USD	USD	CH-INV-0984756I	Mr.ZZ: 09847563
	CH-INV-0984756I	2025-02-13			USD	USD	CH-INV-0984756I	Mr.ZZ: 09847563
	CH-SP-0984756I	2025-02-13			USD	USD	CH-SP-0984756I	Mr.ZZ: 09847563
	CH-SP-0984756I	2025-02-13			USD	USD	CH-SP-0984756I	Mr.ZZ: 09847563
	Commodity Port	2025-02-13			USD	USD	Commodity Port	Commodity Portfolio

2. Click the **“+ Add”** button located in the top-left corner of the portfolio list view. A dropdown menu will appear offering four methods to add a new instrument:

1. **Add Blank** – manual entry with a fully blank template.
2. **Add Typical** – pre-filled template with commonly used default values.
3. **Import from File** – bulk import instruments using a file.
4. **Get from Provider** – retrieve instrument data from a market data provider.

Option 1: Add Blank

This opens a completely blank form where you can manually input all instrument details.

Fill out the following fields as needed:

1. **Instrument** – full name or unique identifier (required).
2. **Instrument type** – defines the kind of instrument (e.g., Bond, Stock, FX Forward, etc.).

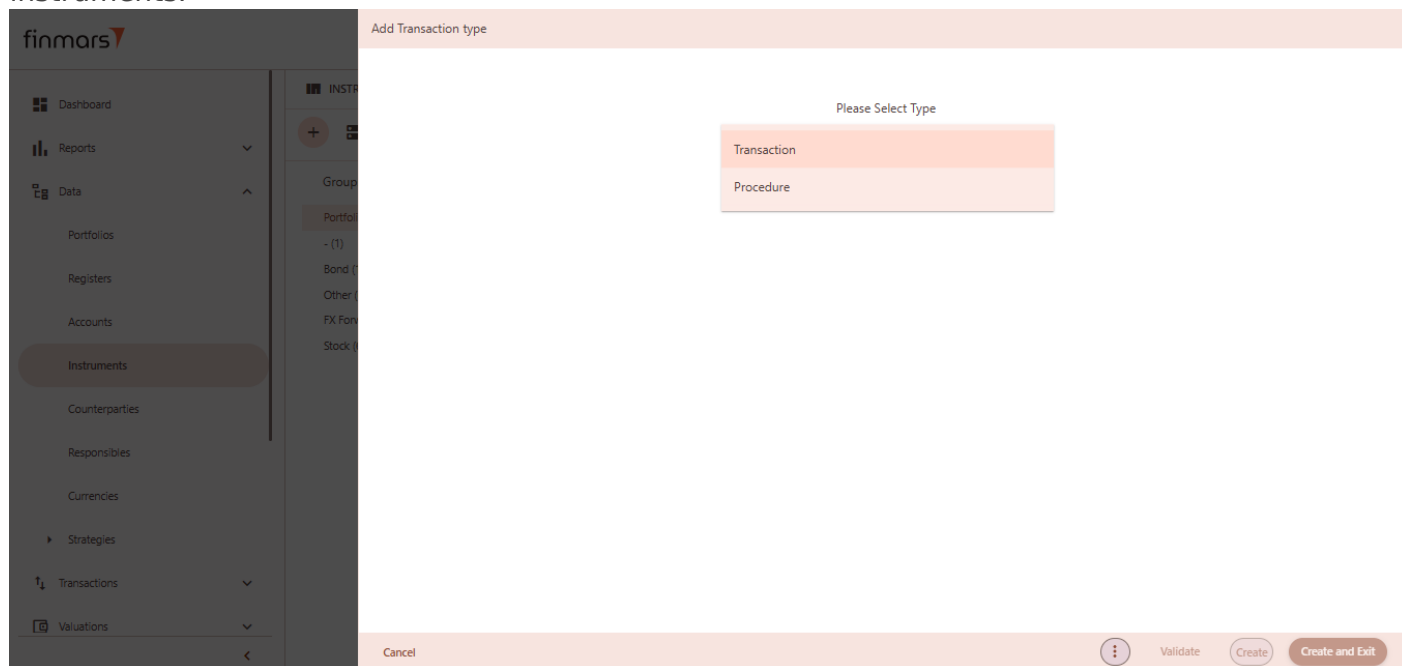
3. **Asset Type** – specifies the financial asset classification (e.g., Equity, Fixed Income).
4. **Country** – country of issuance of the instrument.
5. **Accrual Size Clarification** – optional explanation or note for accrual calculation basis.
6. **Pricing currency** – the currency in which the instrument's market price is quoted.
7. **Accrued currency** – the currency in which interest or other accruals are calculated and reported.
8. **Price multiplier** – multiplier applied to the quoted price to calculate notional or total value (e.g., 100 if price is per 100 units).
9. **Accrued multiplier** – multiplier used to adjust the accrual value, typically to scale interest or dividend values appropriately.
10. **Maturity date** – the date when the instrument is due to mature and be settled (e.g., for bonds or term deposits).
11. **Maturity price** – the expected price or value at maturity, often used in valuation or final settlement (if applicable).
12. **Notes** – any relevant internal comments or additional metadata for this instrument.
13. **Identifiers** – optional key-value fields such as ISIN, CUSIP, internal codes, etc., used to uniquely identify the instrument.

Click **“Create and Exit”** to save and return to the list, or **“Create”** to save and continue editing.

The screenshot shows the 'Add Instrument' form in the Finmars application. The form is divided into sections: 'GENERAL' and 'Pricing currency'. The 'GENERAL' section includes fields for 'Instrument' (Full Name), 'Instrument type', 'Asset Type', 'Country', 'Accrual Size Clarification', 'Pricing currency', 'Price multiplier' (e.g., 0), 'Accrued currency', 'Accrued multiplier' (e.g., 0), 'Maturity date' (YYYY-MM-DD), 'Maturity price' (e.g., 0), and 'Notes'. The 'Pricing currency' section includes a 'Price multiplier' field (e.g., 0). At the bottom, there is a table with columns 'Identifier' and 'Value'. The bottom navigation bar includes 'Cancel', 'Create', and 'Create and Exit' buttons. A red arrow points to the 'Create and Exit' button.

Option 2: Add Typical

This will load a pre-filled template with default values for typical instruments, which can be modified as needed. Use this option to speed up creation when working with commonly used instruments.

The screenshot shows the 'finmars' application interface. On the left is a dark sidebar with a menu containing 'Dashboard', 'Reports', 'Data', 'Portfolios', 'Registers', 'Accounts', 'Instruments' (highlighted), 'Counterparties', 'Responsibles', 'Currencies', 'Strategies', 'Transactions', and 'Valuations'. The main area has a light orange header 'Add Transaction type'. Below the header, a modal box titled 'Please Select Type' is open, showing two options: 'Transaction' and 'Procedure'. At the bottom of the main area is a light orange footer bar with buttons: 'Cancel', a help icon, 'Validate', 'Create', and 'Create and Exit'.

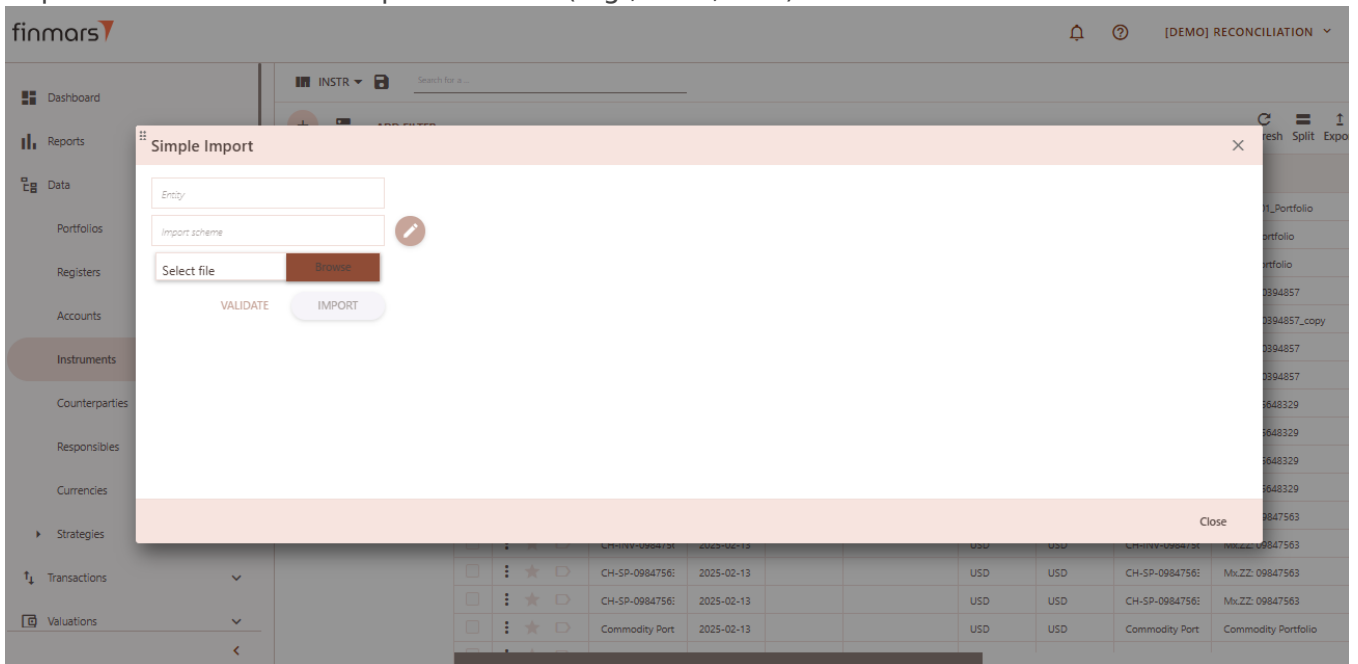
Click **“Create and Exit”** to save and return to the list, or **“Create”** to save and continue editing.

Option 3: Import from File

Use this option to import multiple instruments into the system from a prepared file (e.g., Excel or CSV).

1. **Name** – provide a name for the import process).
2. **Import Scheme** – select the appropriate scheme that matches the structure of your file.
This determines how the system interprets and maps the data.

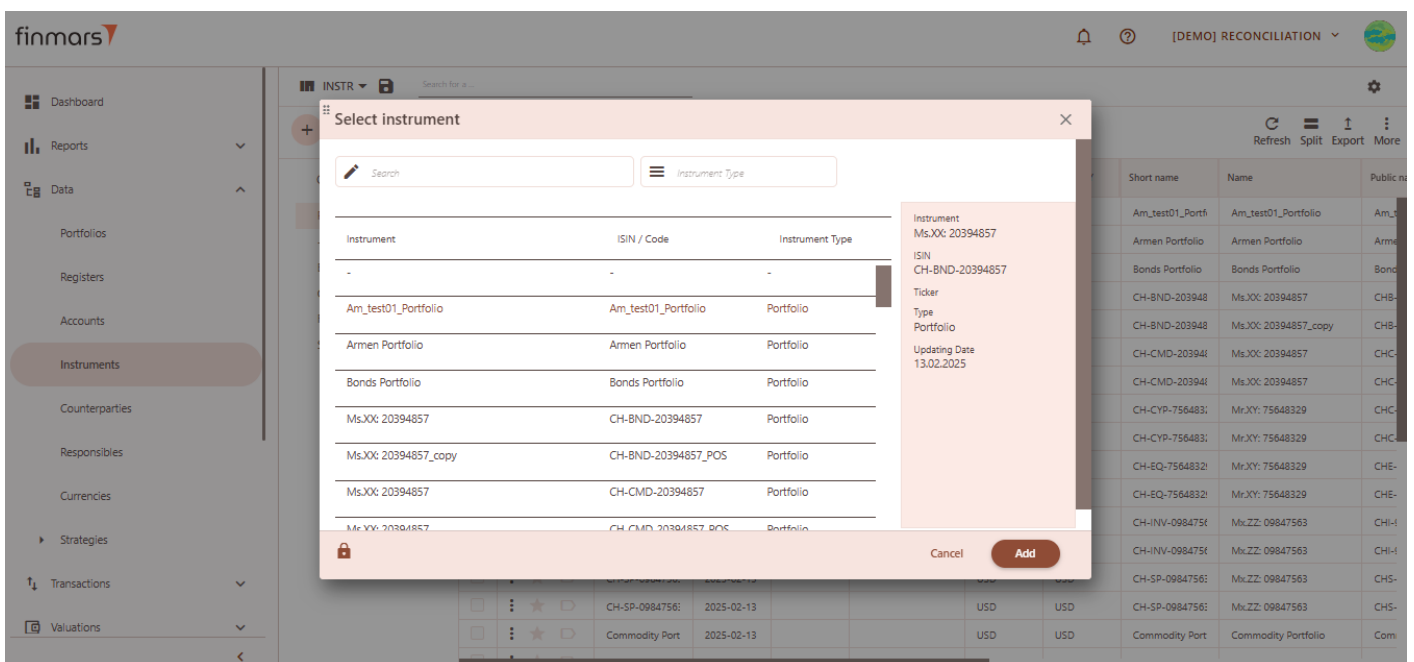
3. **Browse** – click this button to choose a file from your computer. Supported formats depend on the selected import scheme (e.g., .xlsx, .csv).



After selecting the file, click **“Validate”** to check the file for errors and confirm it matches the selected scheme. If the validation is successful, click **“Import”** to load the instruments into the database.

Option 4: Get from Provider

Automatically pull instrument data from a connected market data provider.



After selecting the desired instrument, click the **“Add”** button to load it into the system.

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