

# Standard Workflow Transaction Autoimport

So far we have:

Exante Instruments  
Exante Positions  
Exante Transactions

We assume that there is no exotic currencies (then you need Exante Currencies)

All these data converted to Standard Configuration. So we should be able to Import them!

Before creating an automation, lets try to do it manually

So, for that we will use `/explorer/workflows/com/finmars/standard-workflow/simple-autoimport/tasks.py`

its a relatively simple workflow that could import either data or transactions. Its payload structure is:

So you add any number of steps (Depends of your situation). Order is matter! Here for example we import Instruments and then only Positions

`directory` - optional: path to directory in explorer with files to import, trailing slash is important (/ on end)

`file_path` - optional: path to some file in explorer with data to import

`import_type` - required: "data" for Simple Import, "transaction" for Transaction Import

`schema` - required: user\_code of schema to execute

Nota bene: Both `directory` and `file_path` are optional, but one must be present

If you pass `directory` it will tries to join all files in that directory into one file (List of Dictionaries)

So, lets try it out!

Go to Workflows Page and lets find `com.finmars.standard-workflow:simple-autoimport`

```

{
  "actions": [
    {
      "directory": "/data/general/instruments/",
      "import_type": "data",
      "schema": "com.finmars.standard-import-from-file:instruments.instrument:instruments"
    },
    {
      "file": "/data/general/transactions/exante_abcd1234_001_2024-09-05_2024-09-05.json",
      "import_type": "transaction",
      "schema": "com.finmars.standard-import-from-file:txn"
    }
  ]
}

```



- Dashboard
- Home
- Reports
- Data
- Transactions
- Valuations
- Import
- Reconciliation

### Finmars Workflow

com.finmars.standard-workflow.get-files-inputs			worker	
com.finmars.standard-workflow.get-files-states			Worker	
com.finmars.standard-workflow.import-currency-from-unified-db			Worker	
com.finmars.standard-workflow.import-from-file			Worker	
com.finmars.standard-workflow.import-fx-rate-from-unified-db			Worker	
com.finmars.standard-workflow.import-instrument-from-unified-db			Worker	
com.finmars.standard-workflow.import-prices-from-unified-db			Worker	
com.finmars.standard-workflow.init			Worker	
com.finmars.standard-workflow.initial-data			Worker	
com.finmars.standard-workflow.preprocess-exante-fx-rates			Worker	
com.finmars.standard-workflow.preprocess-exante-instruments			Worker	
com.finmars.standard-workflow.preprocess-exante-positions			Worker	
com.finmars.standard-workflow.preprocess-exante-prices			Worker	
com.finmars.standard-workflow.preprocess-exante-transactions			Worker	
com.finmars.standard-workflow.preprocess-finmars-db-fx-rates			Worker	
com.finmars.standard-workflow.roll-price			Worker	
com.finmars.standard-workflow.simple-autoimport			Worker	
com.finmars.standard-workflow.sync-files			Worker	
com.finmars.standard-workflow.workflow-manager		* / 1 ***** ●	Manager	

Lets execute it!

Finmars Workflow

com.finmars.standard-workflow:get-files-inputs	worker	▶
com.finmars.standard-workflow:get-files-states	Worker	▶
com.finmars.standard-workflow:import-currency-from-unified-db	Worker	▶
com.finmars.standard-workflow:import-from-file	Worker	▶
com.finmars.standard-workflow:imp		▶
com.finmars.standard-workflow:imp		▶
com.finmars.standard-workflow:imp		▶
com.finmars.standard-workflow:init		▶
com.finmars.standard-workflow:init		▶
com.finmars.standard-workflow:prep		▶
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com.finmars.standard-workflow:prep		▶
com.finmars.standard-workflow:prep		▶
com.finmars.standard-workflow:roll-price	Worker	▶
com.finmars.standard-workflow:simple-autoimport	Worker	▶
com.finmars.standard-workflow:sync-files	Worker	▶
com.finmars.standard-workflow:workflow-manager	Manager	▶

### Payload Information

You are about to run workflow `com.finmars.standard-workflow:simple-autoimport`

(optional) Fill the payload here :

```
{
  "actions": [
    {
      "file_path": "/data/general/transactions/exante_pnn1218_001_2024-09-05_2024-09-05.json",
      "import_type": "transaction",
      "schema": "com.finmars.standard-import-from-file:txn"
    }
  ]
}
```

CLOSE RUN

## Go to see your Task Status

Finmars master finances 🔍 🌙 🔔 👤

Dashboard ≡ Finmars Workflow

Home

Reports

Data

Transactions

Valuations

Import

Reconciliation

com.finmars.standard-workflow:simple-autoimport.ta

success

2024-09-28 01:06:46 +02:00

SUCCESS

Tasks: Total 1 / Success 1 / Error 0

### Task

ID	114
Key	com.finmars.standard-workflow:simple-autoimport.task
Task Status	<span>SUCCESS</span>
Created	2024-09-28 01:06:46 +02:00
Updated	

### Log

```
Task execution is finished
{'id': 118, 'member': 1, 'parent': None, 'children': [], 'type': 'Simple Autoimport is finished'}
```

### Result

```
{
  "message": "Task finished successfully. No results returned"
}
```

Okay, so far we Imported only Instruments, let see (Go to Transactions / Transactions)

The screenshot shows the Finmars Transactions interface. The top navigation bar includes the Finmars logo, the page title 'Transactions: Transactions', and an 'Autosave' indicator. A search bar is present with the text 'Search for a...'. The left sidebar contains navigation options: Dashboard, Home, Reports, Data, Transactions, Valuations, Import, and Reconciliation. The main content area displays a table of transaction groups and individual transactions.

Groups	TXN ID	Date	Source	Date (Trade)	Date (Value)	TXN TYPE	CCY STL	Cash Considerati...	Instrument	ISIN	Position (Adjust
██████████ (6)	1b7f5128-4bf	2024-09-2	Exante	2024-09-0	2024-09-0	Dividend	USD	166.46	VCIT.NASDAQ		-
Dividend (3)	81b3c13a-54	2024-09-2	Exante	2024-09-0	2024-09-0	Dividend	USD	1'276.21	BND.NASDAQ		-
Expense (Instrument) (...)	b1b70e80-04	2024-09-2	Exante	2024-09-0	2024-09-0	Dividend	USD	936.00	CORP.ARCA		-

Below the table, there are expandable sections for '██████████\_POS (240)' and '██████████\_POS (34)'. The text '(3 of 3)' is displayed below the table.

Great success! We imported all the Transactions from files that we previously downloaded from Exante

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