

# Standard Workflow Simple Autoimport

So far we have:

Exante Instruments

Exante Positions

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/positions/exante_abcd123_001_2024-09-01_2024-09-24.json",
      "import_type": "transaction",
      "schema": "com.finmars.standard-import-from-file:pos_daily"
    }
  ]
}

```



- 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!

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			Worker	▶
com.finmars.standard-workflow.imp			Worker	▶
com.finmars.standard-workflow.imp			Worker	▶
com.finmars.standard-workflow.init			Worker	▶
com.finmars.standard-workflow.init			Worker	▶
com.finmars.standard-workflow.prep			Worker	▶
com.finmars.standard-workflow.prep			Worker	▶
com.finmars.standard-workflow.prep			Worker	▶
com.finmars.standard-workflow.prep			Worker	▶
com.finmars.standard-workflow.prep			Worker	▶
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com.finmars.standard-workflow.prep			Worker	▶
com.finmars.standard-workflow.prep			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	▶

### Payload Information

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

(optional) Fill the payload here :

```
{
  "actions": [
    {
      "directory": "/data/general/instruments/",
      "import_type": "data",
      "schema": "com.finmars.standard-import-from-file:instruments.instrument:instruments"
    }
  ]
}
```

CLOSE
RUN

Go to see your Task Status

Finmars master finances

🔔
👤
🔒

Dashboard

Home

Reports

Data

Transactions

Valuations

Import

Reconciliation

### Finmars Workflow

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

success

2024-09-27 09:28:52 +02:00

success

Tasks: Total 1 / Success 1 / Error 0

Task	
ID	44
Key	com.finmars.standard-workflow.simple-autoimport.task
Task Status	success
Created	2024-09-27 09:28:52 +02:00
Updated	

**Log**

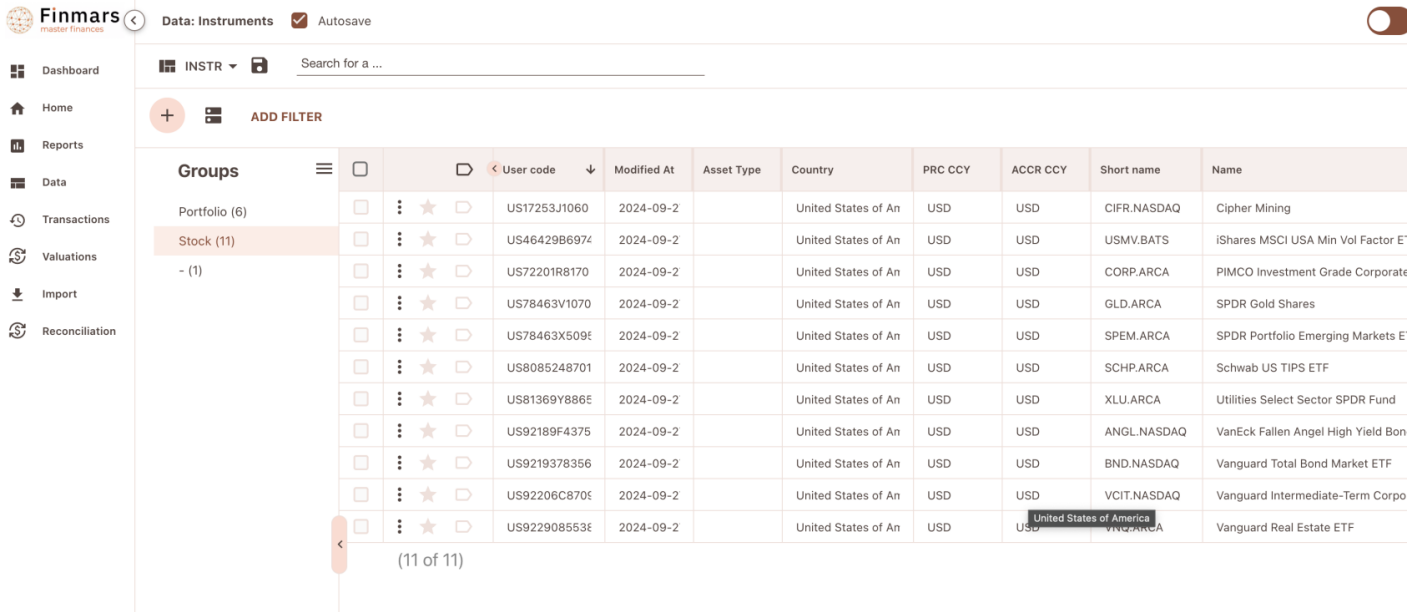
Task execution is finished

```
{'id': 45, '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 Data / Instruments)



The screenshot shows the 'Data: Instruments' page in the Finmars application. The page has a sidebar on the left with navigation options: Dashboard, Home, Reports, Data, Transactions, Valuations, Import, and Reconciliation. The main content area displays a table of instruments under the 'INSTR' tab. The table has columns for 'Groups', 'User code', 'Modified At', 'Asset Type', 'Country', 'PRC CCY', 'ACCR CCY', 'Short name', and 'Name'. The 'Stock (11)' group is selected, showing 11 instruments. A search bar is at the top, and an 'ADD FILTER' button is visible. The table is paginated to show '(11 of 11)' items.

Groups			User code	Modified At	Asset Type	Country	PRC CCY	ACCR CCY	Short name	Name
Portfolio (6)			US17253J1060	2024-09-2		United States of An	USD	USD	CIFR.NASDAQ	Cipher Mining
Stock (11)			US46429B6974	2024-09-2		United States of An	USD	USD	USMV.BATS	iShares MSCI USA Min Vol Factor E
- (1)			US72201R8170	2024-09-2		United States of An	USD	USD	CORP.ARCA	PIMCO Investment Grade Corporate
			US78463V1070	2024-09-2		United States of An	USD	USD	GLD.ARCA	SPDR Gold Shares
			US78463X509E	2024-09-2		United States of An	USD	USD	SPEM.ARCA	SPDR Portfolio Emerging Markets E
			US8085248701	2024-09-2		United States of An	USD	USD	SCHP.ARCA	Schwab US TIPS ETF
			US81369Y886E	2024-09-2		United States of An	USD	USD	XLU.ARCA	Utilities Select Sector SPDR Fund
			US92189F4375	2024-09-2		United States of An	USD	USD	ANGL.NASDAQ	VanEck Fallen Angel High Yield Bon
			US9219378356	2024-09-2		United States of An	USD	USD	BND.NASDAQ	Vanguard Total Bond Market ETF
			US92206C870E	2024-09-2		United States of An	USD	USD	VCIT.NASDAQ	Vanguard Intermediate-Term Corpo
			US922908553E	2024-09-2		United States of An	USD	USD	United States of America VNEZ.ARCA	Vanguard Real Estate ETF

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

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