Price

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Description

Financial meaning

Prices represent the market value or quoted price of a financial instrument at a specific point in time. They are essential for valuation, performance measurement, and accurate reporting across financial systems.

Platform abstraction

In the Finmars platform, a Price is a separate entity linked to an Instrument and dated to a specific moment. Each price entry stores the principal value, accrued interest component (for debt instruments), a pricing policy identifier (e.g., Standard, Custom), and valuation-related fields like Yield to Maturity (YTM) and Duration.

Prices are used in:

- Providing market or modeled values for instruments held in portfolios.
- Defining end-of-day valuations and snapshots for asset positions.
- Supporting duration, yield, and factor-based sensitivity analyses.
- Assisting in generating fair value reports, P&L, and balance sheet entries.

Examples

Instrument	Date	Pricing Policy	Principal Price	Accrued Price	Factor	YTM	Modified Duration	Is Temporary Price

BAIDU INC	2023-03-14	Standard	144.9500	0.000	1	0.00	0.000	False

- `Instrument` : name or identifier of the financial instrument.
- `Date` : the date for which the price is recorded.
- `Pricing Policy` : method used for price calculation (e.g., Standard).
- `Principal Price` : main price of the instrument excluding accrued interest.
- `Accrued Price` : accumulated interest up to the pricing date.
- `Factor` : multiplier used to adjust the nominal or market value of the instrument.
- `YTM` : yield to maturity, representing the expected return if the instrument is held until maturity.
- `Modified Duration` : measure of the price sensitivity of the instrument to interest rate changes.
- `Is Temporary Price` : flag indicating if the price is temporary (`True` or `False`).

Cookbook

CRUD

Operations within platform.

Use Cases

What for it's used.

F.A.Q.

Frequently asked questions.

API documentation

Link to API documentation.

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