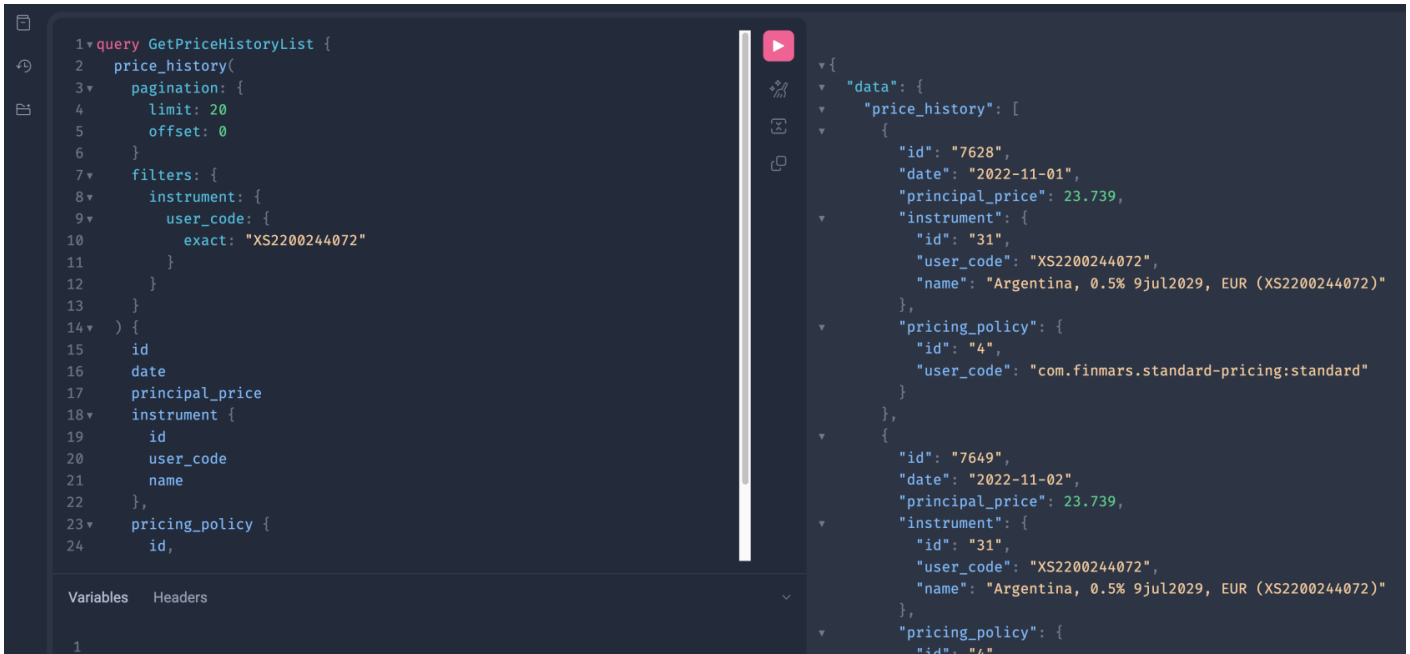


Get Prices in GraphQL

This query returns price history rows for **one instrument** (by `user_code`).



The screenshot shows a GraphQL IDE with a query on the left and its JSON response on the right. The query is:

```
1 query GetPriceHistoryList {
2   price_history(
3     pagination: {
4       limit: 20
5       offset: 0
6     }
7     filters: {
8       instrument: {
9         user_code: {
10          exact: "XS2200244072"
11        }
12      }
13    }
14  ) {
15    id
16    date
17    principal_price
18    instrument {
19      id
20      user_code
21      name
22    },
23    pricing_policy {
24      id,
```

The JSON response is:

```
{
  "data": {
    "price_history": [
      {
        "id": "7628",
        "date": "2022-11-01",
        "principal_price": 23.739,
        "instrument": {
          "id": "31",
          "user_code": "XS2200244072",
          "name": "Argentina, 0.5% 9jul2029, EUR (XS2200244072)"
        },
        "pricing_policy": {
          "id": "4",
          "user_code": "com.finmars.standard-pricing:standard"
        }
      },
      {
        "id": "7649",
        "date": "2022-11-02",
        "principal_price": 23.739,
        "instrument": {
          "id": "31",
          "user_code": "XS2200244072",
          "name": "Argentina, 0.5% 9jul2029, EUR (XS2200244072)"
        },
        "pricing_policy": {
          "id": "4",
          "user_code": "com.finmars.standard-pricing:standard"
        }
      }
    ]
  }
}
```

GraphQL Query

```
query GetPriceHistoryList {
  price_history(
    pagination: {
      limit: 20
      offset: 0
    }
    filters: {
      instrument: {
        user_code: {
          exact: "XS2200244072"
        }
      }
    }
    pricing_policy: {
      user_code: {
        exact: "com.finmars.standard-pricing:standard"
      }
    }
  }
}
```

```
    }
  }
}
) {
  id
  date
  principal_price
  instrument {
    id
    user_code
    name
  }
  pricing_policy {
    id
    user_code
  }
}
}
```

Filter Highlights

Filter by Related Object Field

```
filters: {
  instrument: {
    user_code: { exact: "XS2200244072" }
  }
}
```

- `instrument` is a related object.
- You can filter it by its fields.
- `exact` means strict match.

Why Use `user_code`

- Stable identifier for business use.
- No need to know internal `id`.

Notes

- Add a date filter if you want one day only:

```
date: { exact: "2023-12-01" }
```

- Pagination stays the same for list queries.

Revision #3

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