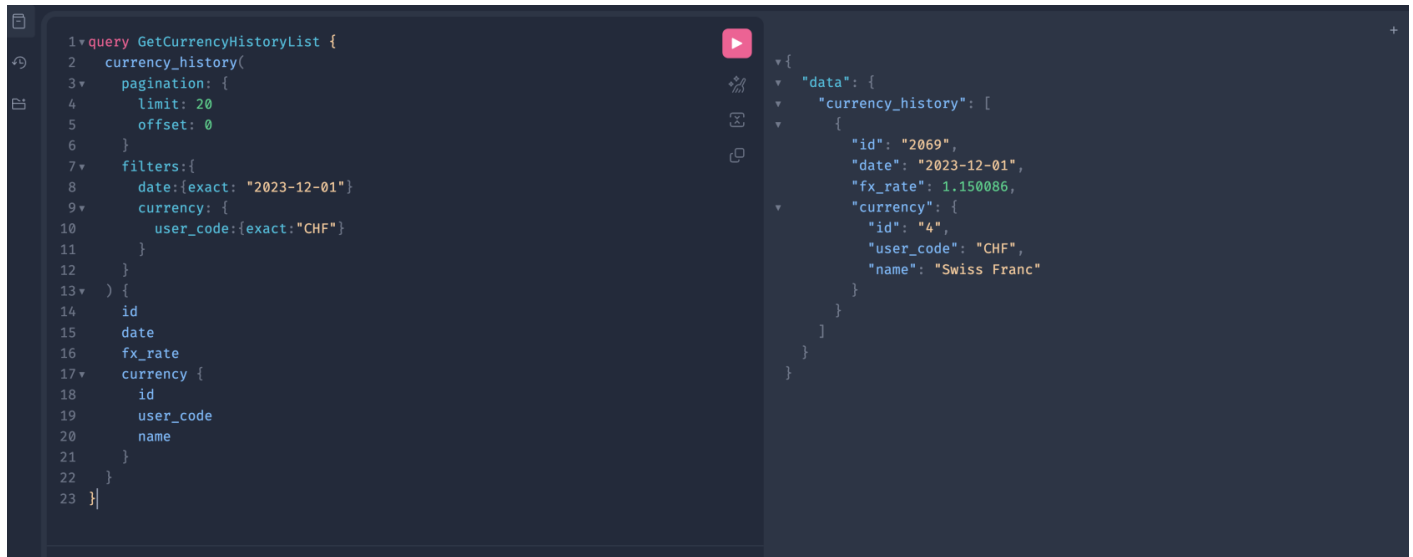


Get FX Rates in GraphQL

This query returns currency rates for a **specific date** and **specific currency**.



GraphQL Query

```
query GetCurrencyHistoryList {
  currency_history(
    pagination: {
      limit: 20
      offset: 0
    }
    filters: {
      date: {
        exact: "2023-12-01"
      }
      pricing_policy: {
        user_code: {
          exact: "com.finmars.standard-pricing:standard"
        }
      }
    }
  )
}
```

```
        currency: {
          user_code: {
            exact: "CHF"
          }
        }
      }
    ) {
      id
      date
      fx_rate
      currency {
        id
        user_code
        name
      }
    }
  }
}
```

Python Example

```
import requests

url = "https://<domain_name>/<realm_code>/<space_code>/graphql/"

headers = {
    "Authorization": "Bearer <access_token>",
    "Content-Type": "application/json"
}

payload = {
    "query": ""
    query GetCurrencyHistoryList {
      currency_history(
        pagination: {
          limit: 20
          offset: 0
        }
        filters: {
```

```

        date: {
            exact: "2023-12-01"
        }
        pricing_policy: {
            user_code:{
                exact: "com.finmars.standard-pricing:standard"
            }
        }
        currency: {
            user_code: {
                exact: "CHF"
            }
        }
    }
) {
    id
    date
    fx_rate
    currency {
        id
        user_code
        name
    }
}
}
"""
}

response = requests.post(url, json=payload, headers=headers)
print(response.json())

```

Filter Highlights

Exact Match

```

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

```

```
}
```

- Matches one exact value
- Type must match schema
- Dates are strings in ISO format

Nested Filters

```
currency: {  
  user_code: {  
    exact: "CHF"  
  }  
}
```

- Filters on related objects
- Works through foreign keys
- Depth depends on schema rules

Common Filter Types

Typical filters you may see:

- `exact`
- `in`
- `contains`
- `gte, lte`
- `isnull`

Available filters depend on the field type.

Important Notes

- Filters are optional
- Multiple filters are combined with **AND**
- Wrong field names cause schema errors
- Always check the schema panel

This pattern applies to all list queries in Finmars GraphQL.

Revision #2

Created 2025-12-16 16:13:43 UTC by Sergei Zhitenev

Updated 2025-12-16 17:18:43 UTC by Sergei Zhitenev