

Getting Started

What is GraphQL

GraphQL is an API query language.

It lets the client ask **exactly** for the data it needs.
No more. No less.

Main ideas:

- One endpoint.
- Client chooses fields.
- Strong types.
- Clear schema.

GraphQL replaces many REST endpoints with one structured API.

What We Use in Finmars

In Finmars, GraphQL is built with:

- **Django**
- **Strawberry GraphQL** <https://github.com/strawberry-graphql/strawberry>

Strawberry is a Python GraphQL library.
It works well with Django models.
It uses Python type hints to define the schema.

Key points:

- Schema is written in Python.
 - Types are strict.
 - Queries are validated before execution.
 - Errors are clear.
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Revision #3

Created 2025-12-16 14:38:29 UTC by Sergei Zhitenev

Updated 2025-12-16 15:56:44 UTC by Sergei Zhitenev