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# **SlothQL Documentation**

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# CHAPTER 1

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## Requirements

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- Python 3.6+





## CHAPTER 2

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[More info](#)

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[GitHub](#)



## 3.1 Quick start

### 3.1.1 Installation

```
pip install slothql
```

### 3.1.2 Defining schema

```
import slothql

class Query(slothql.Object):
    hello = slothql.String(resolver=lambda: 'world')

schema = slothql.Schema(query=Query)

slothql.gql(schema=schema, query='query { hello }')
# output: {'data': {'hello', 'world'}}
```

## 3.2 Fields

### 3.2.1 slothql.Field

Base class for all fields

- 
- **many**: bool = False one or many objects

```
class Query(slothql.Object):
    field = slothql.String(resolver=lambda: 'hello, world')
    fields = slothql.String(many=True, resolver=lambda: ['hello', 'world'])
```

- **default:** Any = None value to return, when field resolves to None

## 3.2.2 Scalars

slothql.Integer

slothql.Float

slothql.String

slothql.Boolean

slothql.ID

## 3.3 Django

### 3.3.1 Types

slothql.django.Model

- genindex
- modindex
- search