



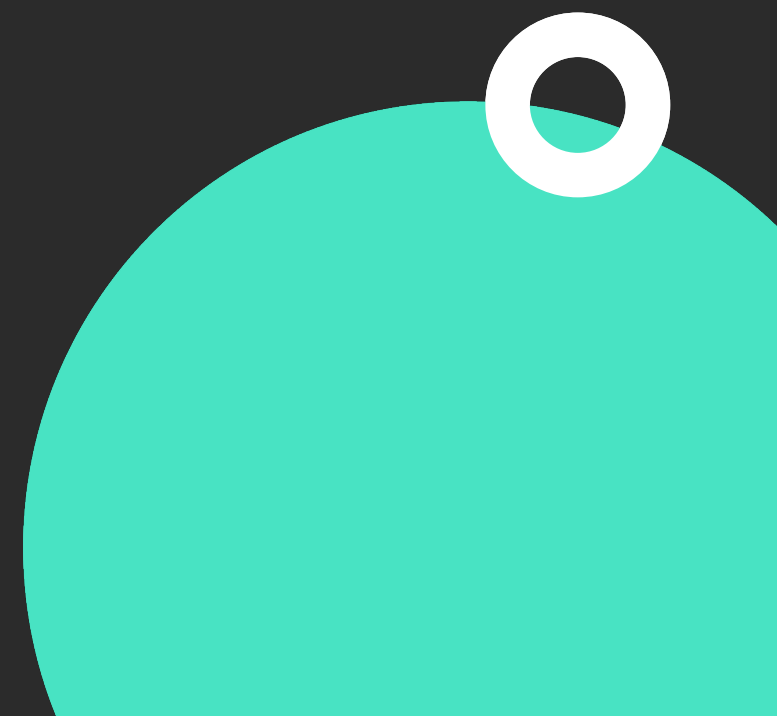
Exploring SqlDelight Fundamentals



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Course Overview

- SqlDelight Architecture
- The Project Architecture
- Summery

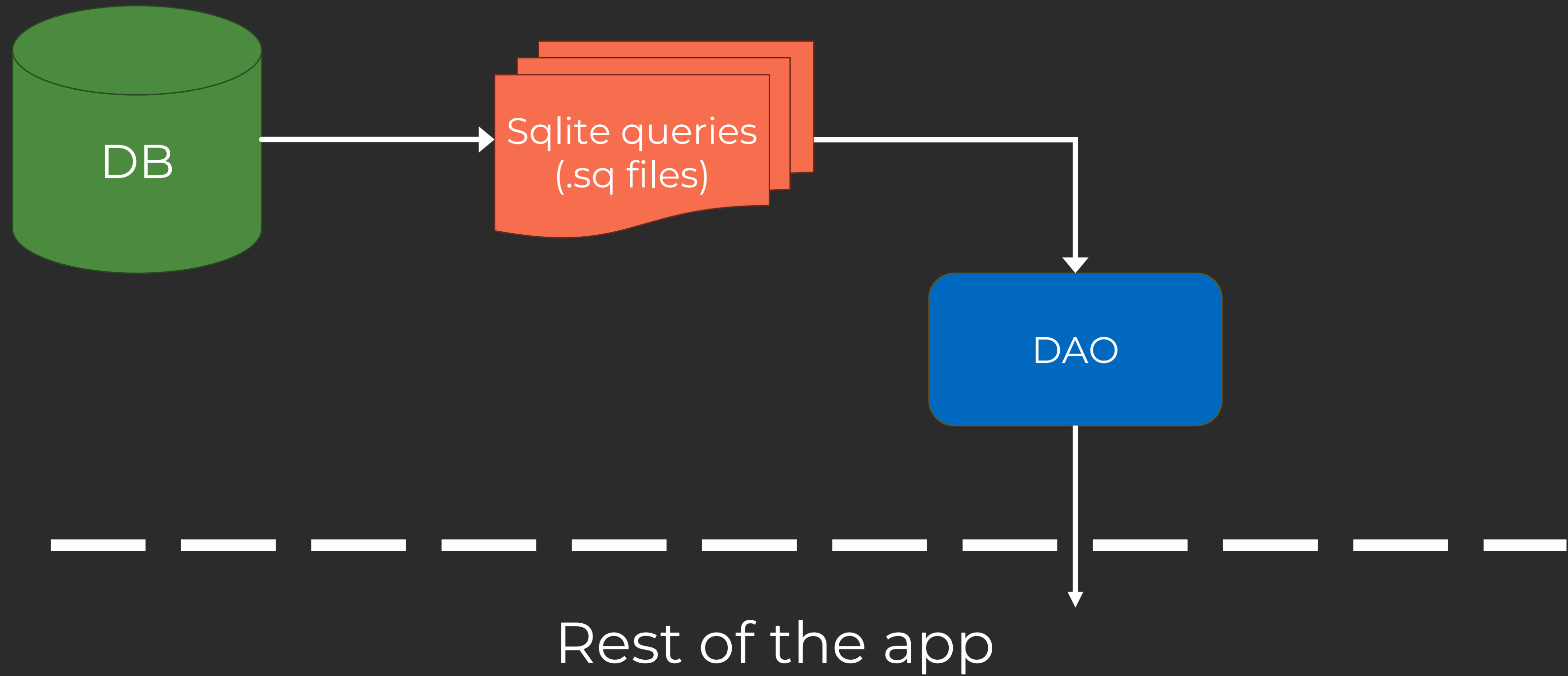


What is & Why SqlDelight

- A database library for KMP projects
- Generates type safe Kotlin APIs from SQL statements
- Not bounded to Android like Room
- It verifies schema, statements, and migrations at compile-time

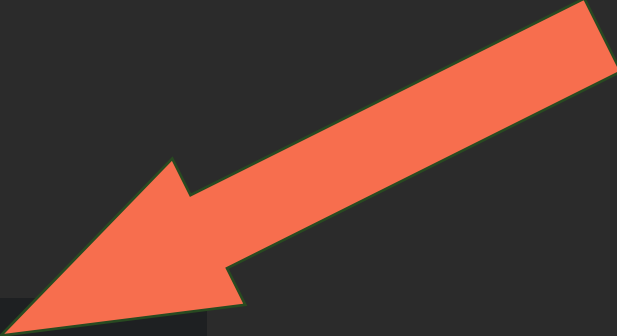


SqlDelight Architecture



Tables

```
CREATE TABLE IF NOT EXISTS businessEntity(  
    id INTEGER UNIQUE PRIMARY KEY NOT NULL,  
    name TEXT NOT NULL,  
    address TEXT NOT NULL,  
    phone TEXT UNIQUE NOT NULL,  
    email TEXT UNIQUE NOT NULL  
);
```



Queries

getBusinessList:

```
SELECT *  
FROM businessEntity  
ORDER BY name ASC ;
```

addBusiness:

```
INSERT OR REPLACE  
INTO businessEntity(name, address, phone, email)  
VALUES (name: :name, address: :address, phone: :phone, email: :email);
```

lastInsertRowId:

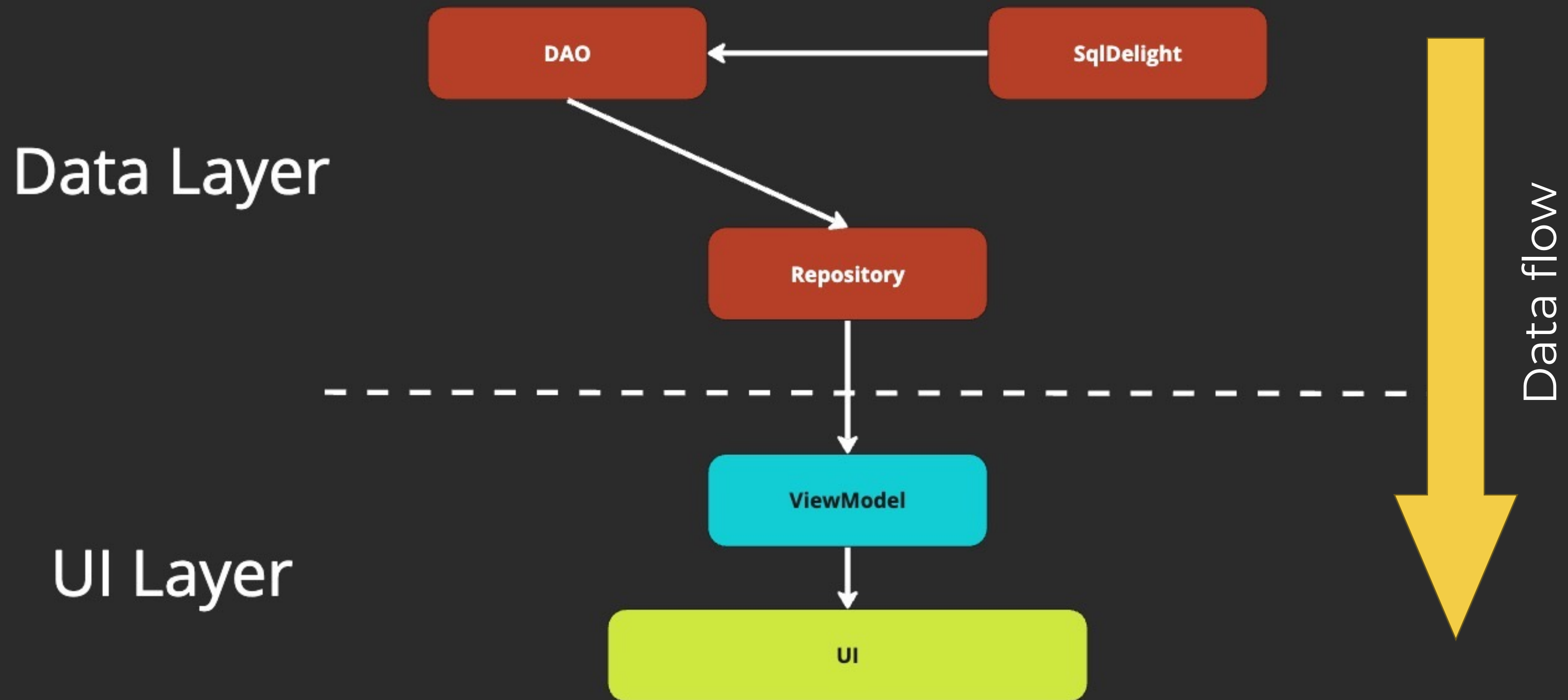
```
SELECT last_insert_rowid();
```

deleteBusiness:

```
DELETE FROM businessEntity  
WHERE id = :id;
```



Tiny Invoice Architecture



Summary

- The project of this course
 - Starter
 - Final
- What is & Why SqlDelight
- Overview of this course





Sqlite Basic Syntax

Up Next

