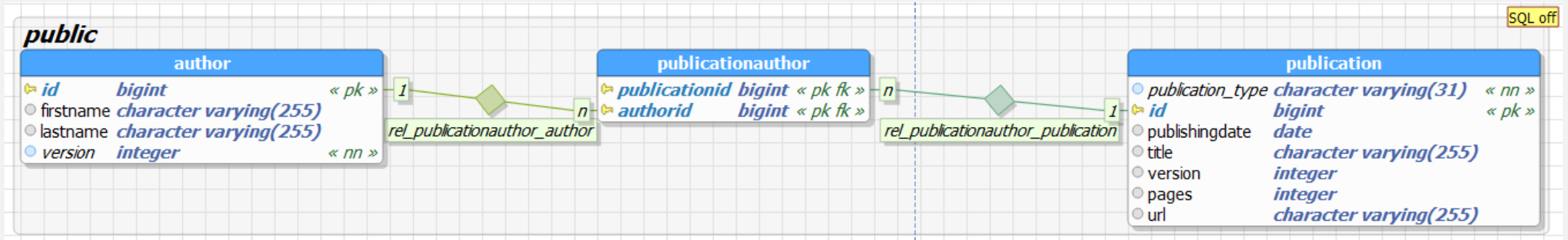


Single Table

Single Table

- Maps all entities to the same table



- Share relationships, attributes and mapping definitions
- Each record uses a subset of the database columns

- Superclass mapping

```
@Entity
@Inheritance(strategy = InheritanceType.SINGLE_TABLE)
@DiscriminatorColumn(name = "Publication_Type")
public abstract class Publication { ... }
```

- Subclass mapping

```
@Entity(name = "Book")
@DiscriminatorValue("Book")
public class Book extends Publication { ... }
```

Demo

Dis- / Advantages

- Advantages
 - Simple and efficient table model
 - Polymorphic queries very efficient
- Disadvantages
 - Not null constraints only on columns of the superclass

Exercises