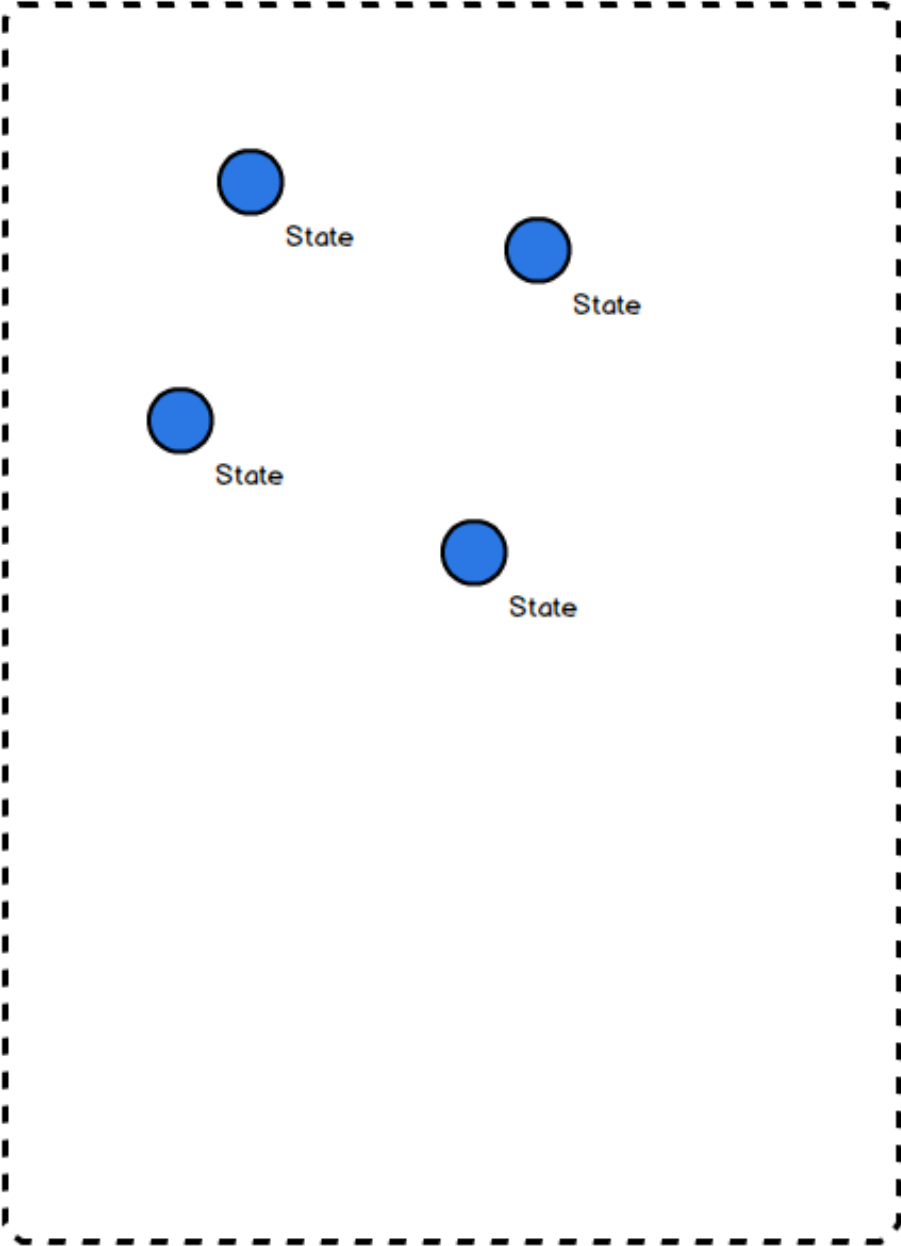


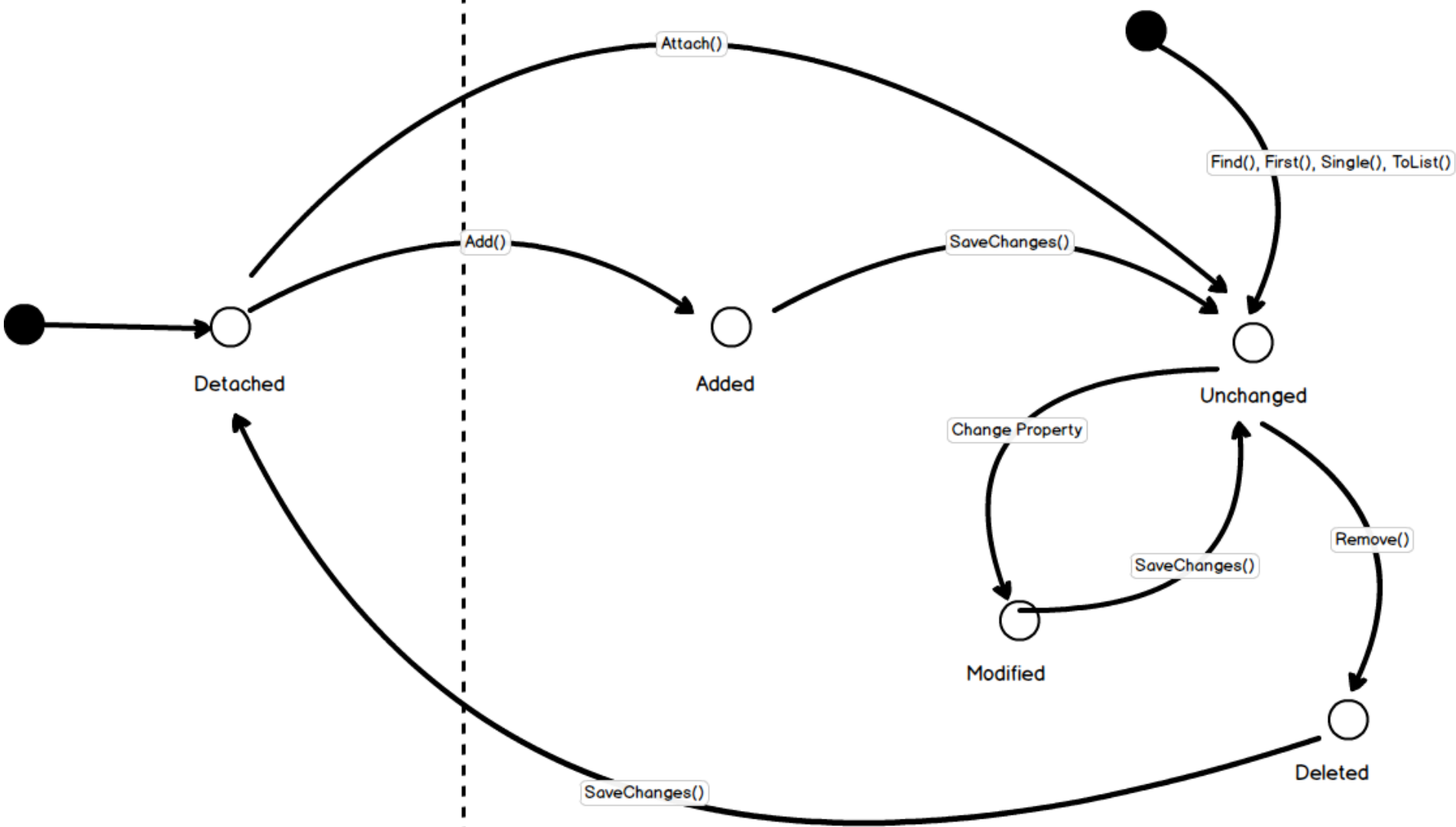
```
select * from Orders where OrderDate between '2021-04-20 11:45' and '2021-04-20 23:59:999'
```

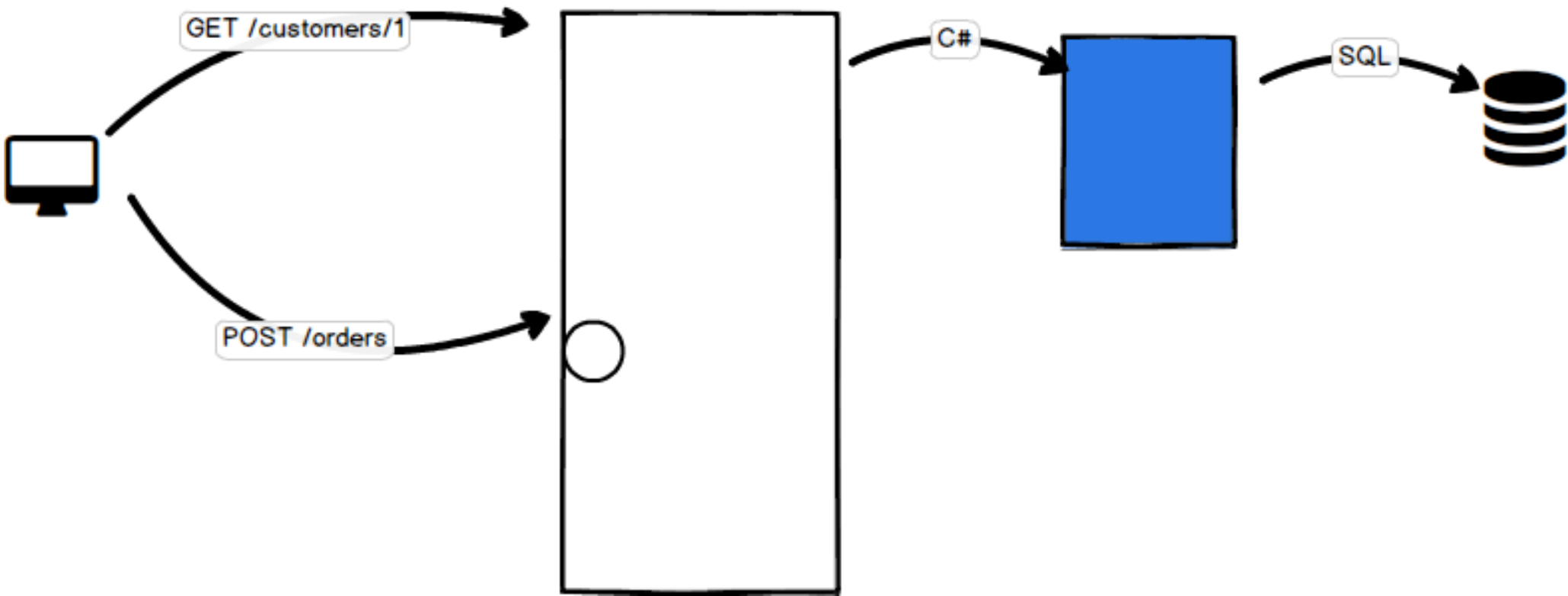
datetime - 3 ms

ChangeTracker

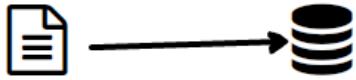


DbContext



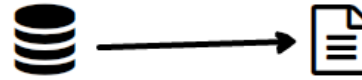


## Code-First



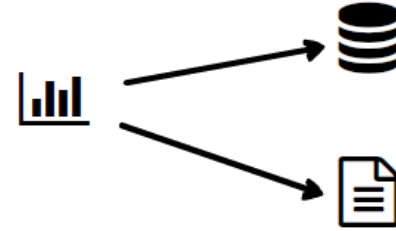
- 1 Model
- 2 Interfejsy (IRepositories)
- 3 Implementacja (DbRepositories)  
Kontekst (DbContext, DbSet)  
Konfiguracja (Fluent API)
- 4 Generacja bazy danych
- 5 Klient (ConsoleClient)

## Database-First



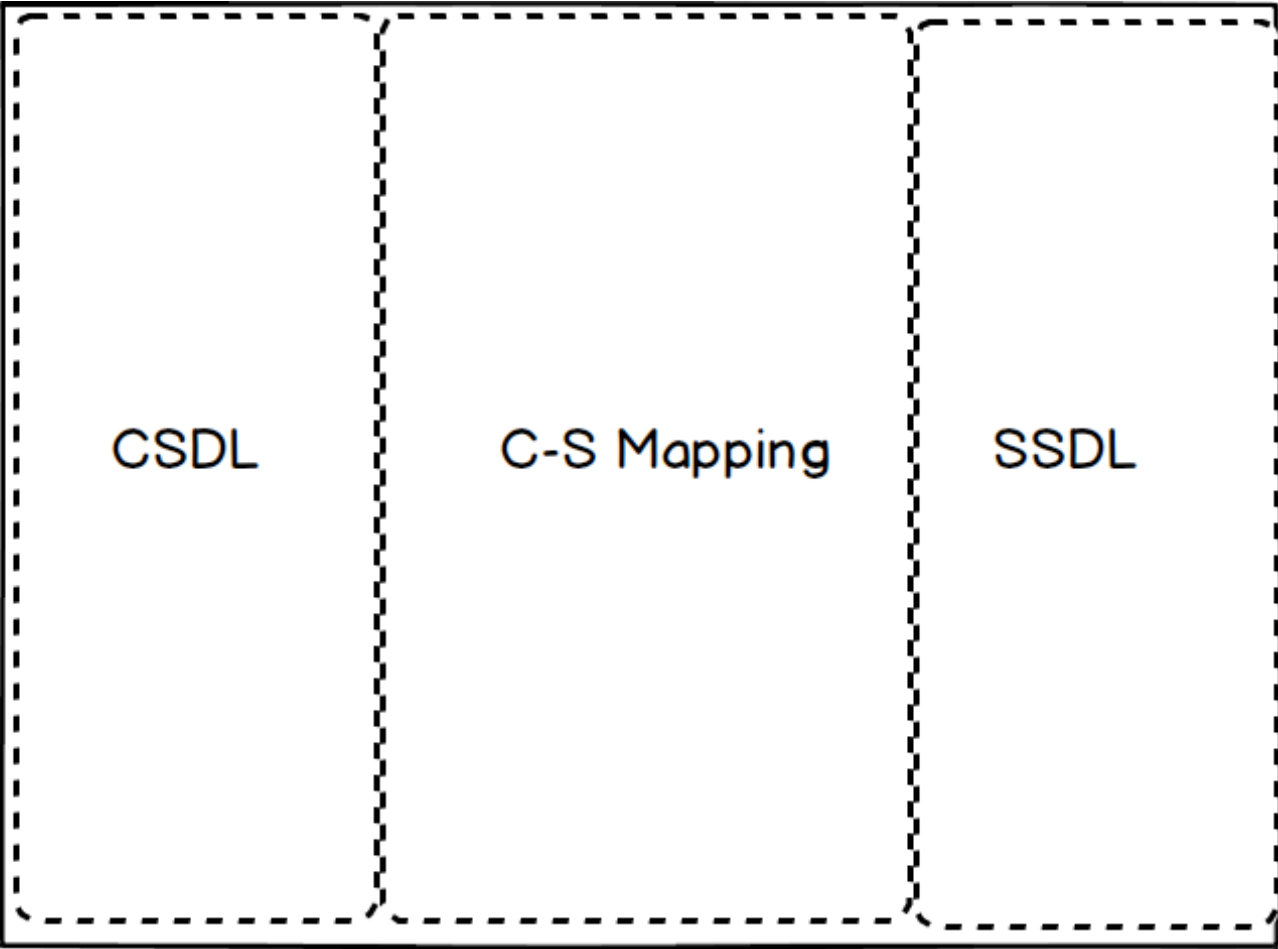
- 1 Utworzenie bazy danych
- 2 Generowanie Modelu  
Model  
Kontekst (DbContext, DbSet)  
Konfiguracja (Fluent API)
- 4 Interfejsy (IRepositories)
- 5 Implementacja (DbRepositories)
- 5 Klient (ConsoleClient)

## Model-First





model



edmx (xml)



database

class OrderProxy

class Order

Customer { get; set; }





$x \Rightarrow x + 2;$

$f(x) = x + 2$  x należy do int

int F(int x) { return x + 2 };

$x \rightarrow x + 2$  x należy do int

int x = 10;

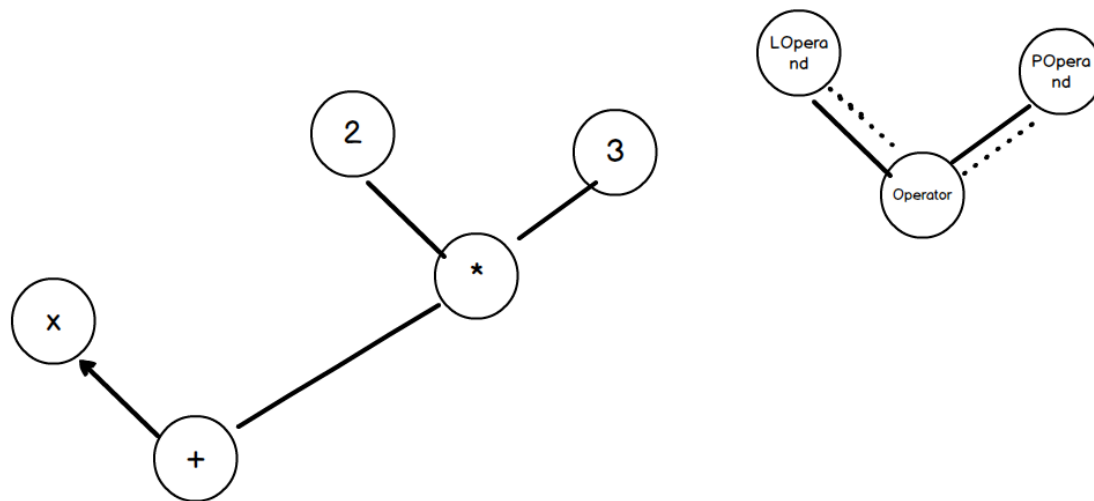
$x \Rightarrow x + 2$

$x \Rightarrow x + 2 * 3$

x!

!x

x++



Linq To Objects

iteracje

Linq To Entities

SQL

Linq To SQL

SQL

