

# Отчет по 2 этапу

## Покрытие тестами

При написании тестов простейшие функции get и set не проверялись.



The screenshot shows the 'Coverage' tool window in IntelliJ IDEA, titled 'Coverage: DAO'. It displays a summary of 100% classes and 77% lines covered in the package 'DAO'. Below this, a table provides detailed coverage data for five classes: ClientsDAO, DisksDAO, MoviesDAO, OrdersDAO, and TypesDAO. The table has four columns: Element, Class, %, Method, %, and Line, %.

Element	Class, %	Method, %	Line, %
ClientsDAO	100% (1/1)	80% (4/5)	74% (20/27)
DisksDAO	100% (1/1)	80% (4/5)	74% (20/27)
MoviesDAO	100% (1/1)	87% (7/8)	81% (31/38)
OrdersDAO	100% (1/1)	85% (6/7)	79% (27/34)
TypesDAO	100% (1/1)	80% (4/5)	74% (20/27)

## Лог выполнения тестов

---- IntelliJ IDEA coverage runner ----

sampling ...

include patterns:

DAO\..\*

exclude patterns:

map 30, 2021 3:29:07 AM org.hibernate.Version logVersion

INFO: HHH000412: Hibernate ORM core version 5.4.27.Final

map 30, 2021 3:29:08 AM

org.hibernate.annotations.common.reflection.java.JavaReflectionManager <clinit>

INFO: HCANN000001: Hibernate Commons Annotations {5.1.2.Final}

map 30, 2021 3:29:08 AM

org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl  
configure

WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)

map 30, 2021 3:29:08 AM

org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl  
buildCreator

INFO: HHH10001005: using driver [org.postgresql.Driver] at URL  
[jdbc:postgresql://localhost:5432/postgres]

map 30, 2021 3:29:08 AM  
org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl  
buildCreator  
INFO: HHH10001001: Connection properties: {user=alexandra, password=\*\*\*\*}  
map 30, 2021 3:29:08 AM  
org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl  
buildCreator  
INFO: HHH10001003: Autocommit mode: false  
map 30, 2021 3:29:08 AM  
org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl\$Pooled  
Connections <init>  
INFO: HHH000115: Hibernate connection pool size: 20 (min=1)  
map 30, 2021 3:29:08 AM org.hibernate.dialect.Dialect <init>  
INFO: HHH000400: Using dialect: org.hibernate.dialect.PostgreSQL10Dialect  
map 30, 2021 3:29:09 AM  
org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService  
INFO: HHH000490: Using JtaPlatform implementation:  
[org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]  
Hibernate: insert into clients (client\_name, client\_phone) values (?, ?)  
Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as  
client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as  
order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as  
order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as  
order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as  
order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left  
outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where  
clients0\_.client\_id=?  
Hibernate: update clients set client\_name=?, client\_phone=? where client\_id=?  
Hibernate: delete from clients where client\_id=?  
Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as  
client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as  
order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as  
order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as  
order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as  
order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left  
outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where  
clients0\_.client\_id=?  
Hibernate: insert into types (type\_cost, type\_name) values (?, ?)  
Hibernate: select types0\_.type\_id as type\_id1\_4\_0\_, types0\_.type\_cost as type\_cos2\_4\_0\_,  
types0\_.type\_name as type\_nam3\_4\_0\_ from types types0\_ where types0\_.type\_id=?  
Hibernate: update types set type\_cost=?, type\_name=? where type\_id=?  
Hibernate: update types set type\_cost=?, type\_name=? where type\_id=?  
Hibernate: delete from types where type\_id=?  
Hibernate: select types0\_.type\_id as type\_id1\_4\_0\_, types0\_.type\_cost as type\_cos2\_4\_0\_,  
types0\_.type\_name as type\_nam3\_4\_0\_ from types types0\_ where types0\_.type\_id=?  
Hibernate: insert into clients (client\_name, client\_phone) values (?, ?)  
Hibernate: insert into orders (order\_client, order\_cost, order\_is\_paid, order\_issued,  
order\_returned) values (?, ?, ?, ?, ?)  
Hibernate: insert into movies (movie\_date, movie\_director, movie\_name) values (?, ?, ?)

Hibernate: insert into types (type\_cost, type\_name) values (?, ?)

Hibernate: insert into disks (disk\_movie, disk\_order, disk\_type) values (?, ?, ?)

Hibernate: select disks0\_.disk\_id as disk\_id1\_1\_0\_, disks0\_.disk\_movie as disk\_mov2\_1\_0\_, disks0\_.disk\_order as disk\_ord3\_1\_0\_, disks0\_.disk\_type as disk\_typ4\_1\_0\_, movies1\_.movie\_id as movie\_id1\_2\_1\_, movies1\_.movie\_date as movie\_da2\_2\_1\_, movies1\_.movie\_director as movie\_di3\_2\_1\_, movies1\_.movie\_name as movie\_na4\_2\_1\_, orders2\_.order\_id as order\_id1\_3\_2\_, orders2\_.order\_client as order\_cl6\_3\_2\_, orders2\_.order\_cost as order\_co2\_3\_2\_, orders2\_.order\_is\_paid as order\_is3\_3\_2\_, orders2\_.order\_issued as order\_is4\_3\_2\_, orders2\_.order\_returned as order\_re5\_3\_2\_, clients3\_.client\_id as client\_i1\_0\_3\_, clients3\_.client\_name as client\_n2\_0\_3\_, clients3\_.client\_phone as client\_p3\_0\_3\_, types4\_.type\_id as type\_id1\_4\_4\_, types4\_.type\_cost as type\_cos2\_4\_4\_, types4\_.type\_name as type\_nam3\_4\_4\_ from disks disks0\_ left outer join movies movies1\_ on disks0\_.disk\_movie=movies1\_.movie\_id left outer join orders orders2\_ on disks0\_.disk\_order=orders2\_.order\_id left outer join clients clients3\_ on orders2\_.order\_client=clients3\_.client\_id left outer join types types4\_ on disks0\_.disk\_type=types4\_.type\_id where disks0\_.disk\_id=?

Hibernate: select client\_ord0\_.order\_client as order\_cl6\_3\_0\_, client\_ord0\_.order\_id as order\_id1\_3\_0\_, client\_ord0\_.order\_id as order\_id1\_3\_1\_, client\_ord0\_.order\_client as order\_cl6\_3\_1\_, client\_ord0\_.order\_cost as order\_co2\_3\_1\_, client\_ord0\_.order\_is\_paid as order\_is3\_3\_1\_, client\_ord0\_.order\_issued as order\_is4\_3\_1\_, client\_ord0\_.order\_returned as order\_re5\_3\_1\_ from orders client\_ord0\_ where client\_ord0\_.order\_client=?

Hibernate: insert into types (type\_cost, type\_name) values (?, ?)

Hibernate: update disks set disk\_movie=?, disk\_order=?, disk\_type=? where disk\_id=?

Hibernate: delete from disks where disk\_id=?

Hibernate: select disks0\_.disk\_id as disk\_id1\_1\_0\_, disks0\_.disk\_movie as disk\_mov2\_1\_0\_, disks0\_.disk\_order as disk\_ord3\_1\_0\_, disks0\_.disk\_type as disk\_typ4\_1\_0\_, movies1\_.movie\_id as movie\_id1\_2\_1\_, movies1\_.movie\_date as movie\_da2\_2\_1\_, movies1\_.movie\_director as movie\_di3\_2\_1\_, movies1\_.movie\_name as movie\_na4\_2\_1\_, orders2\_.order\_id as order\_id1\_3\_2\_, orders2\_.order\_client as order\_cl6\_3\_2\_, orders2\_.order\_cost as order\_co2\_3\_2\_, orders2\_.order\_is\_paid as order\_is3\_3\_2\_, orders2\_.order\_issued as order\_is4\_3\_2\_, orders2\_.order\_returned as order\_re5\_3\_2\_, clients3\_.client\_id as client\_i1\_0\_3\_, clients3\_.client\_name as client\_n2\_0\_3\_, clients3\_.client\_phone as client\_p3\_0\_3\_, types4\_.type\_id as type\_id1\_4\_4\_, types4\_.type\_cost as type\_cos2\_4\_4\_, types4\_.type\_name as type\_nam3\_4\_4\_ from disks disks0\_ left outer join movies movies1\_ on disks0\_.disk\_movie=movies1\_.movie\_id left outer join orders orders2\_ on disks0\_.disk\_order=orders2\_.order\_id left outer join clients clients3\_ on orders2\_.order\_client=clients3\_.client\_id left outer join types types4\_ on disks0\_.disk\_type=types4\_.type\_id where disks0\_.disk\_id=?

Hibernate: insert into movies (movie\_date, movie\_director, movie\_name) values (?, ?, ?)

Hibernate: select movies0\_.movie\_id as movie\_id1\_2\_0\_, movies0\_.movie\_date as movie\_da2\_2\_0\_, movies0\_.movie\_director as movie\_di3\_2\_0\_, movies0\_.movie\_name as movie\_na4\_2\_0\_ from movies movies0\_ where movies0\_.movie\_id=?

Hibernate: update movies set movie\_date=?, movie\_director=?, movie\_name=? where movie\_id=?

Hibernate: select movies0\_.movie\_id as movie\_id1\_2\_, movies0\_.movie\_date as movie\_da2\_2\_, movies0\_.movie\_director as movie\_di3\_2\_, movies0\_.movie\_name as movie\_na4\_2\_ from movies movies0\_ where movies0\_.movie\_date=?

Hibernate: select movies0\_.movie\_id as movie\_id1\_2\_, movies0\_.movie\_date as movie\_da2\_2\_, movies0\_.movie\_director as movie\_di3\_2\_, movies0\_.movie\_name as movie\_na4\_2\_ from movies movies0\_ where movies0\_.movie\_director=?  
 Hibernate: insert into clients (client\_name, client\_phone) values (?, ?)  
 Hibernate: insert into orders (order\_client, order\_cost, order\_is\_paid, order\_issued, order\_returned) values (?, ?, ?, ?, ?)  
 Hibernate: insert into types (type\_cost, type\_name) values (?, ?)  
 Hibernate: insert into disks (disk\_movie, disk\_order, disk\_type) values (?, ?, ?)  
 Hibernate: select movies3\_.movie\_id as movie\_id1\_2\_, movies3\_.movie\_date as movie\_da2\_2\_, movies3\_.movie\_director as movie\_di3\_2\_, movies3\_.movie\_name as movie\_na4\_2\_ from clients clients0\_ inner join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client inner join disks order\_disk2\_ on client\_ord1\_.order\_id=order\_disk2\_.disk\_order inner join movies movies3\_ on order\_disk2\_.disk\_movie=movies3\_.movie\_id where client\_ord1\_.order\_returned is null  
 Hibernate: delete from disks where disk\_id=?  
 Hibernate: delete from movies where movie\_id=?  
 Hibernate: select movies0\_.movie\_id as movie\_id1\_2\_0\_, movies0\_.movie\_date as movie\_da2\_2\_0\_, movies0\_.movie\_director as movie\_di3\_2\_0\_, movies0\_.movie\_name as movie\_na4\_2\_0\_ from movies movies0\_ where movies0\_.movie\_id=?  
 Hibernate: insert into clients (client\_name, client\_phone) values (?, ?)  
 Hibernate: insert into orders (order\_client, order\_cost, order\_is\_paid, order\_issued, order\_returned) values (?, ?, ?, ?, ?)  
 Hibernate: select orders0\_.order\_id as order\_id1\_3\_0\_, orders0\_.order\_client as order\_cl6\_3\_0\_, orders0\_.order\_cost as order\_co2\_3\_0\_, orders0\_.order\_is\_paid as order\_is3\_3\_0\_, orders0\_.order\_issued as order\_is4\_3\_0\_, orders0\_.order\_returned as order\_re5\_3\_0\_, clients1\_.client\_id as client\_i1\_0\_1\_, clients1\_.client\_name as client\_n2\_0\_1\_, clients1\_.client\_phone as client\_p3\_0\_1\_ from orders orders0\_ left outer join clients clients1\_ on orders0\_.order\_client=clients1\_.client\_id where orders0\_.order\_id=?  
 Hibernate: select client\_ord0\_.order\_client as order\_cl6\_3\_0\_, client\_ord0\_.order\_id as order\_id1\_3\_0\_, client\_ord0\_.order\_id as order\_id1\_3\_1\_, client\_ord0\_.order\_client as order\_cl6\_3\_1\_, client\_ord0\_.order\_cost as order\_co2\_3\_1\_, client\_ord0\_.order\_is\_paid as order\_is3\_3\_1\_, client\_ord0\_.order\_issued as order\_is4\_3\_1\_, client\_ord0\_.order\_returned as order\_re5\_3\_1\_ from orders client\_ord0\_ where client\_ord0\_.order\_client=?  
 Hibernate: update orders set order\_client=?, order\_cost=?, order\_is\_paid=?, order\_issued=?, order\_returned=? where order\_id=?  
 Hibernate: select orders0\_.order\_id as order\_id1\_3\_, orders0\_.order\_client as order\_cl6\_3\_, orders0\_.order\_cost as order\_co2\_3\_, orders0\_.order\_is\_paid as order\_is3\_3\_, orders0\_.order\_issued as order\_is4\_3\_, orders0\_.order\_returned as order\_re5\_3\_ from orders orders0\_ where orders0\_.order\_returned is null  
 Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where clients0\_.client\_id=?  
 Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as

```
order_cl6_3_1, client_ord1_.order_id as order_id1_3_1, client_ord1_.order_id as
order_id1_3_2, client_ord1_.order_client as order_cl6_3_2, client_ord1_.order_cost as
order_co2_3_2, client_ord1_.order_is_paid as order_is3_3_2, client_ord1_.order_issued as
order_is4_3_2, client_ord1_.order_returned as order_re5_3_2 from clients clients0_ left
outer join orders client_ord1_ on clients0_.client_id=client_ord1_.order_client where
clients0_.client_id=?
```

```
Hibernate: select clients0_.client_id as client_i1_0_0_, clients0_.client_name as
client_n2_0_0_, clients0_.client_phone as client_p3_0_0_, client_ord1_.order_client as
order_cl6_3_1_, client_ord1_.order_id as order_id1_3_1_, client_ord1_.order_id as
order_id1_3_2_, client_ord1_.order_client as order_cl6_3_2_, client_ord1_.order_cost as
order_co2_3_2_, client_ord1_.order_is_paid as order_is3_3_2_, client_ord1_.order_issued as
order_is4_3_2_, client_ord1_.order_returned as order_re5_3_2_ from clients clients0_ left
outer join orders client_ord1_ on clients0_.client_id=client_ord1_.order_client where
clients0_.client_id=?
```

```
Hibernate: select clients0_.client_id as client_i1_0_0_, clients0_.client_name as
client_n2_0_0_, clients0_.client_phone as client_p3_0_0_, client_ord1_.order_client as
order_cl6_3_1_, client_ord1_.order_id as order_id1_3_1_, client_ord1_.order_id as
order_id1_3_2_, client_ord1_.order_client as order_cl6_3_2_, client_ord1_.order_cost as
order_co2_3_2_, client_ord1_.order_is_paid as order_is3_3_2_, client_ord1_.order_issued as
order_is4_3_2_, client_ord1_.order_returned as order_re5_3_2_ from clients clients0_ left
outer join orders client_ord1_ on clients0_.client_id=client_ord1_.order_client where
clients0_.client_id=?
```

```
Hibernate: select orders0_.order_id as order_id1_3_, orders0_.order_client as order_cl6_3_,
orders0_.order_cost as order_co2_3_, orders0_.order_is_paid as order_is3_3_,
orders0_.order_issued as order_is4_3_, orders0_.order_returned as order_re5_3_ from orders
orders0_ where orders0_.order_is_paid=?
```

```
Hibernate: select clients0_.client_id as client_i1_0_0_, clients0_.client_name as
client_n2_0_0_, clients0_.client_phone as client_p3_0_0_, client_ord1_.order_client as
order_cl6_3_1_, client_ord1_.order_id as order_id1_3_1_, client_ord1_.order_id as
order_id1_3_2_, client_ord1_.order_client as order_cl6_3_2_, client_ord1_.order_cost as
order_co2_3_2_, client_ord1_.order_is_paid as order_is3_3_2_, client_ord1_.order_issued as
order_is4_3_2_, client_ord1_.order_returned as order_re5_3_2_ from clients clients0_ left
outer join orders client_ord1_ on clients0_.client_id=client_ord1_.order_client where
clients0_.client_id=?
```

```

Hibernate: select clients0_.client_id as client_i1_0_0_, clients0_.client_name as
client_n2_0_0_, clients0_.client_phone as client_p3_0_0_, client_ord1_.order_client as
order_cl6_3_1_, client_ord1_.order_id as order_id1_3_1_, client_ord1_.order_id as
order_id1_3_2_, client_ord1_.order_client as order_cl6_3_2_, client_ord1_.order_cost as
order_co2_3_2_, client_ord1_.order_is_paid as order_is3_3_2_, client_ord1_.order_issued as
order_is4_3_2_, client_ord1_.order_returned as order_re5_3_2_ from clients clients0_ left

```

outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where clients0\_.client\_id=?

Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where clients0\_.client\_id=?

Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where clients0\_.client\_id=?

Hibernate: select clients0\_.client\_id as client\_i1\_0\_0\_, clients0\_.client\_name as client\_n2\_0\_0\_, clients0\_.client\_phone as client\_p3\_0\_0\_, client\_ord1\_.order\_client as order\_cl6\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_1\_, client\_ord1\_.order\_id as order\_id1\_3\_2\_, client\_ord1\_.order\_client as order\_cl6\_3\_2\_, client\_ord1\_.order\_cost as order\_co2\_3\_2\_, client\_ord1\_.order\_is\_paid as order\_is3\_3\_2\_, client\_ord1\_.order\_issued as order\_is4\_3\_2\_, client\_ord1\_.order\_returned as order\_re5\_3\_2\_ from clients clients0\_ left outer join orders client\_ord1\_ on clients0\_.client\_id=client\_ord1\_.order\_client where clients0\_.client\_id=?

Hibernate: delete from orders where order\_id=?

Hibernate: select orders0\_.order\_id as order\_id1\_3\_0\_, orders0\_.order\_client as order\_cl6\_3\_0\_, orders0\_.order\_cost as order\_co2\_3\_0\_, orders0\_.order\_is\_paid as order\_is3\_3\_0\_, orders0\_.order\_issued as order\_is4\_3\_0\_, orders0\_.order\_returned as order\_re5\_3\_0\_, clients1\_.client\_id as client\_i1\_0\_1\_, clients1\_.client\_name as client\_n2\_0\_1\_, clients1\_.client\_phone as client\_p3\_0\_1\_ from orders orders0\_ left outer join clients clients1\_ on orders0\_.order\_client=clients1\_.client\_id where orders0\_.order\_id=?

=====

Default Suite

Total tests run: 5, Passes: 5, Failures: 0, Skips: 0

=====

Class transformation time: 0.036656347s for 5658 classes or 6.478675680452456E-6s per class

Process finished with exit code 0