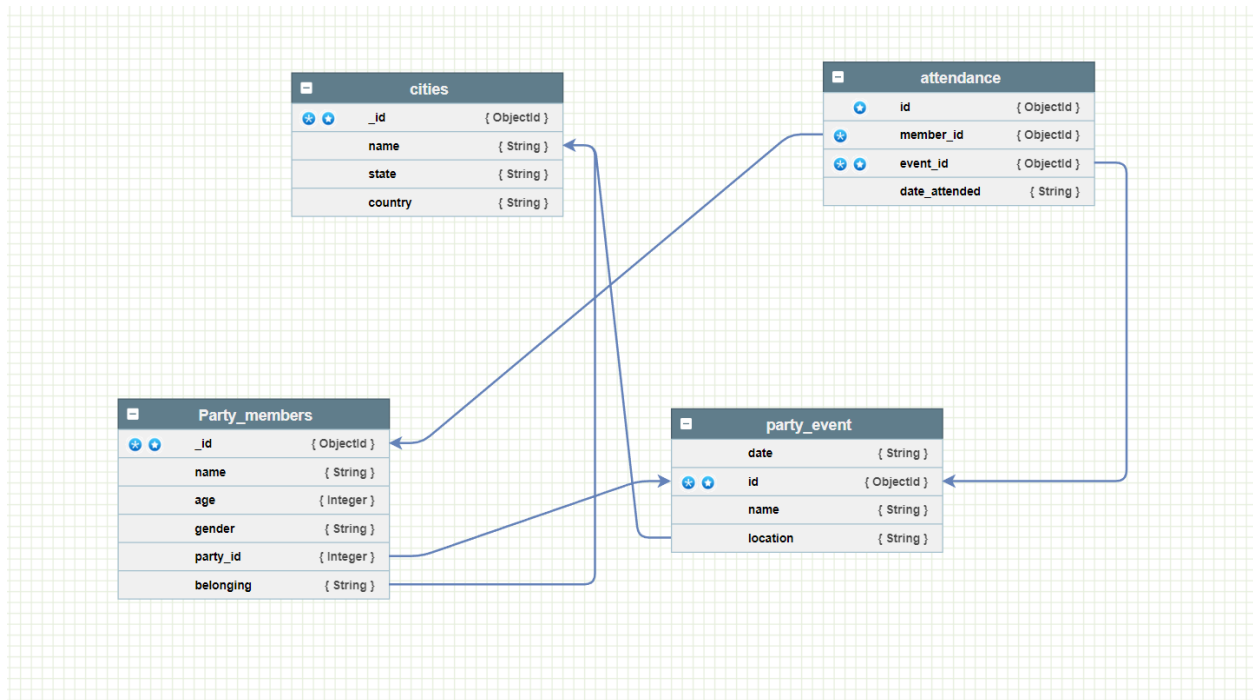


## Исправленные таблицы



## Заполнение таблиц

```
kalidb⇒ insert into attendance (member_id, event_id, date_attended) values (1,1,'2022-03-22'),
(2,1,'2022-03-22'),
(3,2,'2023-10-10'),
(5,2,'2023-10-10');
```

```
kalidb⇒ insert into party_events (name, location, date) values ('Conferetion', '2023-10-10', 'Saints-Peterburg');
```

```
kalidb⇒ select * from party_members;INSERT INTO party_members (name, age, gender, party_id) VALUES ('Наталья', 41, 'Female', 3);INSERT INTO party_members (name, age, gender, party_id) VALUES ('Наталья', 41, 'Female', 3);
```

## Добавление связей

```
kalidb⇒ ALTER TABLE party_events ADD CONSTRAINT location_name FOREIGN KEY (location) REFERENCES cities (name);
ALTER TABLE
kalidb⇒ ALTER TABLE party_members ADD CONSTRAINT city_name FOREIGN KEY (belonging) REFERENCES cities (name);
```

## Обновление таблиц с учетом связей

```

kalidb⇒ select * from party_members;
id | name | age | gender | party_id | belonging
---+---+---+---+---+---
2 | Ivan | 24 | Male | 1 | Moscow
3 | Natasha | 32 | Female | 1 | Saints-Peterburg
4 | Masha | 41 | Female | 1 | Minsk
5 | Katya | 32 | Female | 1 | Astana
1 | Vasya Pupkin | 35 | Male | 1 | Moscow
(5 rows)

kalidb⇒ update party_members set belonging = "Saints-Peterburg" where id = 2;
ERROR: column "Saints-Peterburg" does not exist
LINE 1: update party_members set belonging = "Saints-Peterburg" wher ...
^

kalidb⇒ update party_members set belonging = 'Saints-Peterburg' where id = 2;
UPDATE 1
kalidb⇒ update party_members set belonging = 'Voronezh' where id = 3;
ERROR: insert or update on table "party_members" violates foreign key constraint "city_name"
DETAIL: Key (belonging)=(Voronezh) is not present in table "cities".
kalidb⇒ update party_members set belonging = 'Voronezh' where id = 3;
UPDATE 1
kalidb⇒ update party_members set belonging = 'Minsk' where id = 4;
UPDATE 1
kalidb⇒ update party_members set belonging = 'Astana' where id = 5;
UPDATE 1
kalidb⇒ select * from cities;
id | name | state | country
---+---+---+---
1 | Moscow | MSC | Russia
2 | Saints-Peterburg | SPB | Russia
3 | Voronezh | VRN | Russia
4 | Minsk | MNK | Belarus
5 | Astana | AST | Kazakhstan
(5 rows)

kalidb⇒ select * from party_members;
id | name | age | gender | party_id | belonging
---+---+---+---+---+---
1 | Vasya Pupkin | 35 | Male | 1 | Moscow
2 | Ivan | 24 | Male | 1 | Saints-Peterburg
3 | Natasha | 32 | Female | 1 | Voronezh
4 | Masha | 41 | Female | 1 | Minsk
5 | Katya | 32 | Female | 1 | Astana
(5 rows)

```

Вывод таблиц

```

kalidb⇒ select * from party_members;
id | name | age | gender | party_id | belonging
+-----+-----+-----+-----+-----+-----
1 | Vasya Pupkin | 35 | Male | 1 | Moscow
2 | Ivan | 24 | Male | 1 | Saints-Peterburg
3 | Natasha | 32 | Female | 1 | Voronezh
4 | Masha | 41 | Female | 1 | Minsk
5 | Katya | 32 | Female | 1 | Astana
(5 rows)

kalidb⇒ select * from party_events;
id | name | location | date
+-----+-----+-----+-----
1 | Meeting | Moscow | 2022-03-22
2 | Conference | Saints-Peterburg | 2023-10-10
(2 rows)

kalidb⇒ select * from cities;
id | name | state | country
+-----+-----+-----+-----
1 | Moscow | MSC | Russia
2 | Saints-Peterburg | SPB | Russia
3 | Voronezh | VRN | Russia
4 | Minsk | MNK | Belarus
5 | Astana | AST | Kazakhstan
(5 rows)

kalidb⇒ select * from
attendance            cities            information_schema. party_events_id_seq party_members_id_seq
attendance_id_seq    cities_id_seq    party_events      party_members
kalidb⇒ select * from
attendance            cities            information_schema. party_events_id_seq party_members_id_seq
attendance_id_seq    cities_id_seq    party_events      party_members
kalidb⇒ select * from attendance;
id | member_id | event_id | date_attended
+-----+-----+-----+-----
7 | 2 | 1 | 2022-03-22
8 | 3 | 2 | 2023-10-10
9 | 5 | 2 | 2023-10-10
6 | 1 | 1 | 2022-03-22
(4 rows)

```