

--- 25-10-2020 11:32:14

--- PostgreSQL

```
CREATE TABLE groups(  
    Acronym VARCHAR(8) PRIMARY KEY,  
    Name VARCHAR(255) NOT NULL UNIQUE  
);
```

--- 25-10-2020 11:33:21

--- PostgreSQL

```
CREATE TABLE researchers(  
    Id SERIAL PRIMARY KEY,  
    Name VARCHAR(255) NOT NULL,  
    ORCID VARCHAR(16) UNIQUE,  
    Office VARCHAR(5) NOT NULL,  
    Email VARCHAR(255) NOT NULL UNIQUE,  
    rGroup VARCHAR(8) NOT NULL,  
    CONSTRAINT fk_groups  
        FOREIGN KEY(rGroup) REFERENCES Groups(Acronym)  
);
```

--- 25-10-2020 11:33:55

--- PostgreSQL

```
CREATE TABLE projects(  
    Code INTEGER PRIMARY KEY,  
    Name VARCHAR(255) NOT NULL,  
    Budget INTEGER NOT NULL  
);
```

--- 25-10-2020 11:42:33

--- PostgreSQL

```
CREATE TABLE participants(
```

```
        Role VARCHAR(255) NOT NULL,
        Idresearcher INTEGER NOT NULL,
        rCode INTEGER NOT NULL,
        CONSTRAINT fk_rese_pro
        FOREIGN KEY(Idresearcher) REFERENCES researchers(Id),
        FOREIGN KEY(rCode) REFERENCES projects(Code),
        PRIMARY KEY(Idresearcher,rCode)
    );
```

--- 25-10-2020 11:44:43

--- PostgreSQL

```
CREATE TABLE paper(
    Id SERIAL PRIMARY KEY,
    Title VARCHAR(255) NOT NULL,
    Journal VARCHAR(255) NOT NULL,
    Date VARCHAR(10) NOT NULL,
    CiteCount INTEGER
);
```

--- 25-10-2020 11:46:26

--- PostgreSQL

```
CREATE TABLE authors(
    Idresearcher INTEGER NOT NULL,
    Idpaper INTEGER NOT NULL,
    CONSTRAINT fk_rese_paper
    FOREIGN KEY(Idresearcher) REFERENCES researchers(Id),
    FOREIGN KEY(Idpaper) REFERENCES paper(Id),
    PRIMARY KEY(Idresearcher,Idpaper)
);
```

--- 25-10-2020 11:47:01

--- PostgreSQL

/***** ERROR *****/

42601 syntax error at or near "&"

CREATE TABLE r&dcenter(

 Acronym VARCHAR(8) PRIMARY KEY,

 Name VARCHAR(255) NOT NULL UNIQUE

);

*****/

--- 25-10-2020 11:50:10

--- PostgreSQL

CREATE TABLE randdcenter(

 Acronym VARCHAR(8) PRIMARY KEY,

 Name VARCHAR(255) NOT NULL UNIQUE

);

--- 25-10-2020 11:50:37

--- PostgreSQL

/***** ERROR *****/

42703 column "randdcenteracro" named in key does not exist

CREATE TABLE has(

 GroupAcro VARCHAR(8) NOT NULL,

 RandcenterAcro VARCHAR(8) NOT NULL,

 CONSTRAINT fk_has

FOREIGN KEY(GroupAcro) REFERENCES groups(Acronym),

FOREIGN KEY(RanddcenterAcro) REFERENCES randdcenter(Acronym),

PRIMARY KEY(GroupAcro,RanddcenterAcro)

```
);
```

```
*****/
```

```
--- 25-10-2020 11:50:55
```

```
--- PostgreSQL
```

```
CREATE TABLE has(
```

```
    GroupAcro VARCHAR(8) NOT NULL,
```

```
    RanddcenterAcro VARCHAR(8) NOT NULL,
```

```
    CONSTRAINT fk_has
```

```
    FOREIGN KEY(GroupAcro) REFERENCES groups(Acronym),
```

```
    FOREIGN KEY(RanddcenterAcro) REFERENCES randdcenter(Acronym),
```

```
    PRIMARY KEY(GroupAcro,RanddcenterAcro)
```

```
);
```

```
--- 25-10-2020 12:01:03
```

```
--- PostgreSQL
```

```
CREATE TABLE affiliated(
```

```
    rId Serial NOT NULL,
```

```
    CONSTRAINT fk_group_rese
```

```
    FOREIGN KEY(rId) REFERENCES researchers(Id),
```

```
    PRIMARY KEY(rId)
```

```
);
```

```
--- 25-10-2020 12:05:57
```

```
--- PostgreSQL
```

```
DELETE FROM affiliated;
```

```
--- 25-10-2020 12:06:09
```

```
--- PostgreSQL
```

```
drop table affiliated;
```

