

Module 4 Assignment 1 - Your Own About Me

By Randy Leon

Databases (7)

AboutMe

Cast

Catalogs

Event Triggers

Extensions

Foreign Data Wrappers

Languages

Schemas (1)

public

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Procedures

Sequences

Tables

Trigger Functions

Types

Views

Flights

Stocks

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WEDDINGS

postgres

recipes

Login/Group Roles

Tablespaces

Data Output

Messages

Notifications

Explain

CREATE TABLE

Query returned successfully in 165 msec.

Query Editor

Query History

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CREATE TABLE Event_Type (
Event_Type_code char(3) NOT NULL,
Event_Type_Desc varchar(25) NOT NULL,
PRIMARY KEY (Event_Type_code));

CREATE TABLE Hero (
Hero_id int NOT NULL,
Hero_Name varchar(80) NOT NULL,
Gender_Code char(1) NOT NULL,
PRIMARY KEY (Hero_id));

CREATE TABLE Person (
Person_id int NOT NULL,
First_Name varchar(40) DEFAULT NULL,
Last_Name varchar(40) NOT NULL,
PRIMARY KEY (Person_id)
);

CREATE TABLE Place (
Place_id int NOT NULL,
Place_Name varchar(100) NOT NULL,
Place_Type_Desc varchar(25) NOT NULL,
city_name varchar(40) NOT NULL,
State_code char(2) NOT NULL,
PRIMARY KEY (Place_id)
);

CREATE TABLE Life_Event (
LE_Sequence_Nbr int NOT NULL,
Year int NOT NULL,
LE_Comment_Text varchar(100) DEFAULT NULL,
Hero_id int NOT NULL,
Place_id int NOT NULL,
Event_Type_code char(3) NOT NULL,
PRIMARY KEY (LE_Sequence_Nbr,Hero_id),
--KEY fk_Life_Event_Hero_idx (Hero_id),
--KEY fk_Life_Event_Place_idx (Place_id),
--KEY fk_Life_Event_Event_Type1_idx (Event_Type_code),
CONSTRAINT fk_Life_Event_Event_Type1 FOREIGN KEY (Event_Type_code) REFERENCES event_type (Event_Type_code),
CONSTRAINT fk_Life_Event_Hero FOREIGN KEY (Hero_id) REFERENCES hero (Hero_id),
CONSTRAINT fk_Life_Event_Place FOREIGN KEY (Place_id) REFERENCES place (Place_id)

Created tables from .txt file.

- > Aa FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Procedures
- > 1.3 Sequences
- ▼ Tables (6)
 - > event_type
 - > hero
 - > interaction
 - > life_event
 - > person
 - > place
- > Trigger Functions
- > Types
- > Views

```
1 CREATE TABLE Interaction (Interaction_Name varchar(30) NOT NULL,  
2 Interaction_Description varchar(100), LE_Sequence_Nbr int,  
3 Hero_id int, Person_id int, PRIMARY KEY (LE_Sequence_Nbr, Hero_id),  
4 CONSTRAINT fk_Interaction_life_Event_01 FOREIGN KEY (LE_Sequence_Nbr,  
5 Hero_id) REFERENCES Life_Event (LE_Sequence_Nbr, Hero_id),  
6 CONSTRAINT fk_Interaction_Person_01  
7 FOREIGN KEY (Person_id) REFERENCES Person (Person_id));  
8
```

CREATED “Interaction” table, foreign key constraints featured.

```
INSERT INTO hero values
(1, 'Arnold Schwarznegger', 'M'),
(2, 'Tom Brady', 'M'),
(3, 'Amelia Earhart', 'F');|

INSERT INTO public.event_type values
(1, 'Brushed teeth'),
(2, 'Traded first stock'),
(3, 'Benched 135x10');

INSERT INTO public.place values
(1, 'Aruba', 'One Happy Island', 'Oranjestad', 'AE'),
(2, 'District of Columbia', 'Nations capital', 'DC', 'DC'),
(3, 'New Jersey', 'Best Place in NJ', 'Jersey City', 'NJ');

INSERT INTO public.person values
(1, 'Ben', 'Franklin'),
(2, 'George', 'Washington'),
(3, 'Alexander', 'Hamilton');

INSERT INTO public.life_event values
(2, 2002, 'Rode Bike', 2, 2, 2),
(3, 2010, 'Sophomore Year', 3, 3, 3);

INSERT INTO public.interaction values
(2, 'it was okay', 2, 2, 2),
(3, 'it was terrible', 3, 3, 3);
```

INSERT INTO statements for all of the tables.

```
52 DROP TABLE public.event_type;
```

Explain Messages Notifications

```
ERROR: cannot drop table event_type because other objects depend on it  
DETAIL: constraint fk_life_event_event_type1 on table life_event depends on table event_type  
HINT: Use DROP ... CASCADE to drop the dependent objects too.  
SQL state: 2BP01
```

When trying to DROP the table “Event_type” error comes up that I could not drop because other tables depend on it (foreign keys)