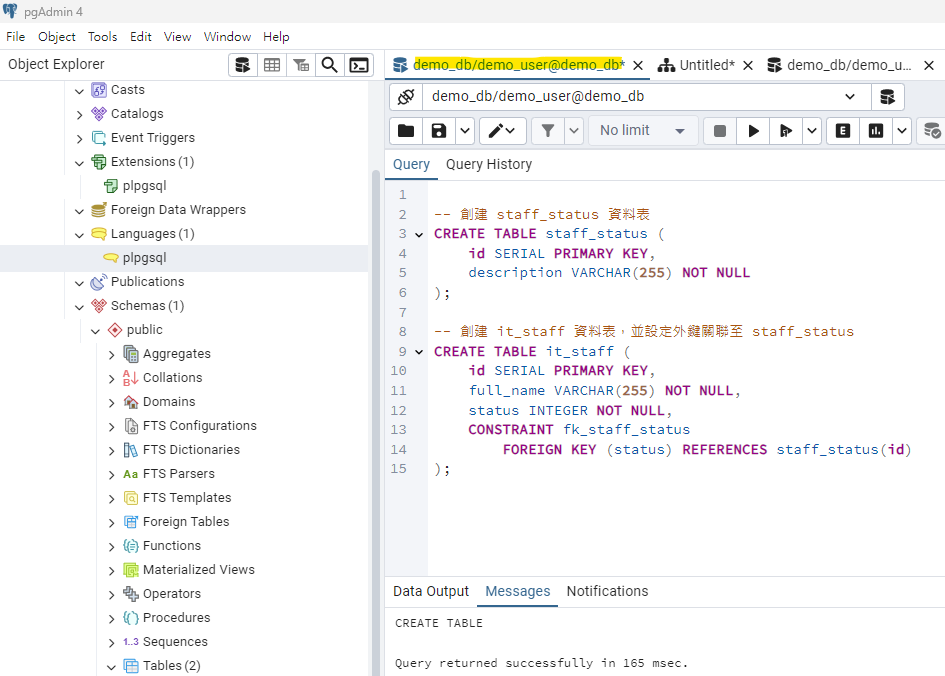
  
  
  
**pgAdmin & DBeaver 關聯與預存函示顯示**  
**1.軟體pgAdmin** - 資料表創建過程(兩表關聯)

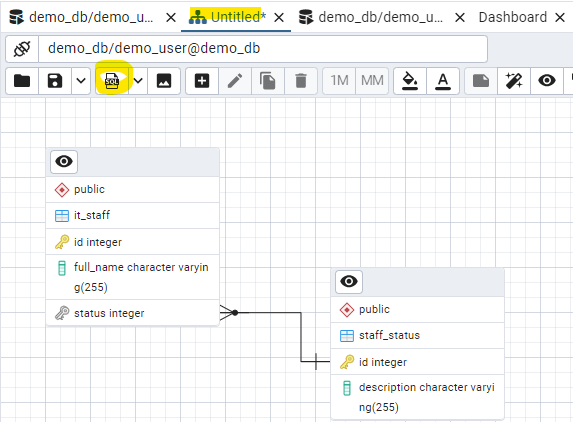
- ER圖產生的過程  
  
**2. 軟體DBwaver**   
 - SQL語法創建預存VEIW預存函式 🡪 提供SELECT顯示JOIN結果

1.創建兩張表



|  |  |
| --- | --- |
|  | -- 創建 staff\_status 資料表  CREATE TABLE staff\_status (  id SERIAL PRIMARY KEY,  description VARCHAR(255) NOT NULL  );  -- 創建 it\_staff 資料表，並設定外鍵關聯至 staff\_status  CREATE TABLE it\_staff (  id SERIAL PRIMARY KEY,  full\_name VARCHAR(255) NOT NULL,  status INTEGER NOT NULL,  CONSTRAINT fk\_staff\_status  FOREIGN KEY (status) REFERENCES staff\_status(id)  ); |

2.ER關聯圖製作  
▼ Tools -> ERD Tool



* 由左側資料表IT\_STAFF & STAFF\_STATUS

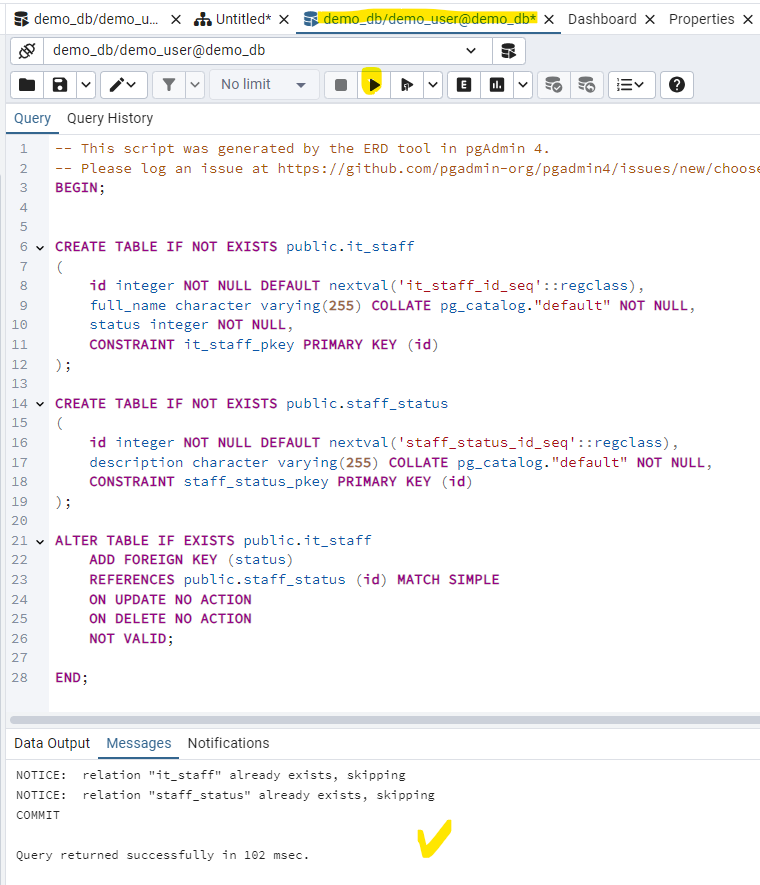
SQL語法為自動生成(須完成FK設定)

|  |  |
| --- | --- |
| 設置路徑 |  |
| 完成結果 |  |

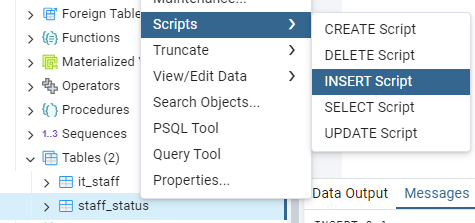
▼ 選取資料表(IT\_STAFF) 加入來源建FK

3. 點選SQL -> 執行成功關聯兩表



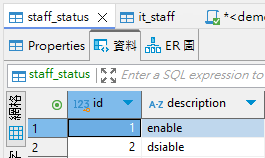


4.插入腳本(staff\_status 作為來源鍵FK)

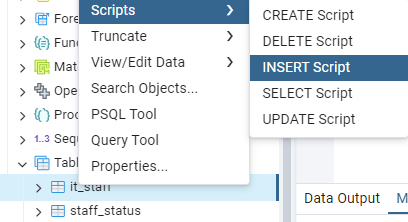


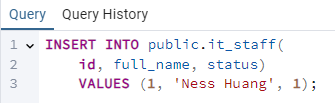


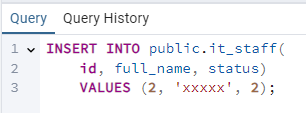


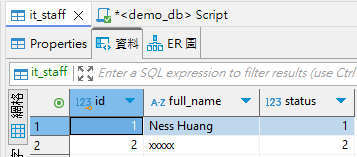
▲成功插入來源id 資訊  


5. 插入腳本(it\_staff )



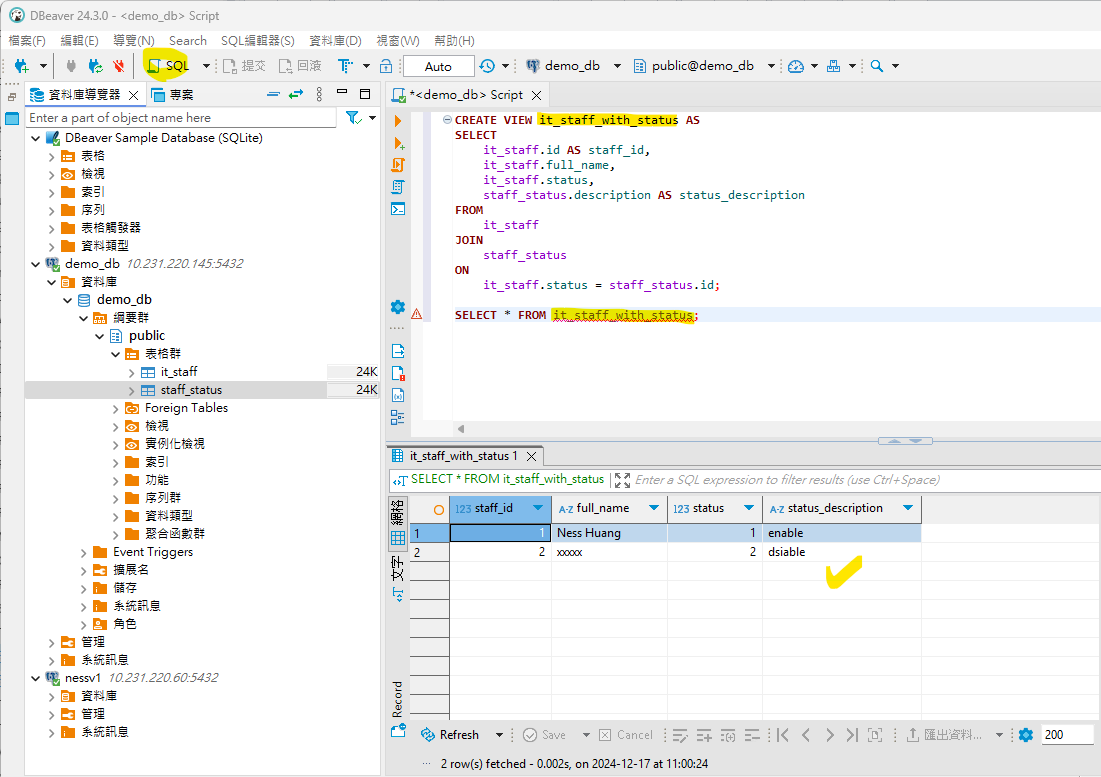
🡪 1 = enable

 🡪 2 = disable

  
▲成功插入兩筆含有來源的id

6. DBEAVER

|  |  |
| --- | --- |
| ▼SQL創建VIEW的預存函式” it\_staff\_with\_status ”  **CREATE** **VIEW** it\_staff\_with\_status **AS**  **SELECT**  it\_staff.id **AS** staff\_id,  it\_staff.full\_name,  it\_staff.status,  staff\_status.description **AS** status\_description  **FROM**  it\_staff  **JOIN**  staff\_status  **ON**  it\_staff.status = staff\_status.id; |  |
| ▼ SQL語法 SELECT取用 “ it\_staff\_with\_status ”  **SELECT** \* **FROM** it\_staff\_with\_status; | |



▲成功提取畫面