POSTGRESQL DELETE

```
dvdrental/postgres@PostgreSQL 13 ⌄
Query Editor   Query History   Explain   Notifications

1   --create a new table called links and insert some sample data:
2   DROP TABLE IF EXISTS links;
3
4   CREATE TABLE links (
5       id serial PRIMARY KEY,
6       url varchar(255) NOT NULL,
7       name varchar(255) NOT NULL,
8       description varchar(255),
9       rel varchar(10),
10      last_update date DEFAULT now()
11  );
12
13  INSERT INTO
14      links
15  VALUES
16      ('1', 'https://www.postgresqltutorial.com', 'PostgreSQL Tutorial', 'Learn PostgreSQL fast and easy', 'follow', '2013-06-02'),
17      ('2', 'http://www.oreilly.com', 'O''Reilly Media', 'O''Reilly Media', 'nofollow', '2013-06-02'),
18      ('3', 'http://www.google.com', 'Google', 'Google', 'nofollow', '2013-06-02'),
19      ('4', 'http://www.yahoo.com', 'Yahoo', 'Yahoo', 'nofollow', '2013-06-02'),
20      ('5', 'http://www.bing.com', 'Bing', 'Bing', 'nofollow', '2013-06-02'),
21      ('6', 'http://www.facebook.com', 'Facebook', 'Facebook', 'nofollow', '2013-06-01'),
22      ('7', 'https://www.tumblr.com/', 'Tumblr', 'Tumblr', 'nofollow', '2013-06-02'),
23      ('8', 'http://www.postgresql.org', 'PostgreSQL', 'PostgreSQL', 'nofollow', '2013-06-02');
```

Messages   Data Output

```
INSERT 0 8

Query returned successfully in 528 msec.
```

```
dvdrental/postgres@PostgreSQL 13 ⌄
Query Editor   Query History   Explain   Notifications

1   --VIEW TABLE
2   SELECT * FROM links;
```

Messages   Data Output

	id [PK] integer	url character varying (255)	name character varying (255)	description character varying (255)	rel character varying (10)	last_update date
1	1	https://www.postgresqltut...	PostgreSQL Tutorial	Learn PostgreSQL fast ...	follow	2013-06-02
2	2	http://www.oreilly.com	O'Reilly Media	O'Reilly Media	nofollow	2013-06-02
3	3	http://www.google.com	Google	Google	nofollow	2013-06-02
4	4	http://www.yahoo.com	Yahoo	Yahoo	nofollow	2013-06-02
5	5	http://www.bing.com	Bing	Bing	nofollow	2013-06-02
6	6	http://www.facebook.com	Facebook	Facebook	nofollow	2013-06-01
7	7	https://www.tumblr.com/	Tumblr	Tumblr	nofollow	2013-06-02
8	8	http://www.postgresql.org	PostgreSQL	PostgreSQL	nofollow	2013-06-02

Using PostgreSQL DELETE to delete one row from the table

dvdrental/postgres@PostgreSQL 13 ∨

Query Editor   Query History   Explain   Notifications

```
1   --Using PostgreSQL DELETE to delete one row from the table
2   DELETE FROM links
3   WHERE id = 8;
```

Messages   Data Output

```
DELETE 1

Query returned successfully in 682 msec.
```

dvdrental/postgres@PostgreSQL 13 ∨

Query Editor   Query History   Explain   Notifications

```
1   --uses the DELETE statement to delete the row with id 10
2   DELETE FROM links
3   WHERE id = 10;
```

Messages   Data Output

```
DELETE 0

Query returned successfully in 99 msec.
```

Using PostgreSQL DELETE to delete a row and return the deleted row

```
dvdrental/postgres@PostgreSQL 13 ∨

Query Editor   Query History   Explain   Notifications

1  --deletes the row with id 7 and returns the deleted row to the client:
2
3  DELETE FROM links
4  WHERE id = 7
5  RETURNING *;
```

Messages   Data Output

id [PK] integer	url character varying (255)	name character varying (255)	description character varying (255)	rel character varying (10)	last_update... date
1	7 https://www.tumblr.com/	Tumblr	Tumblr	nofollow	2013-06-02

Using PostgreSQL DELETE to delete multiple rows from the table

```
dvdrental/postgres@PostgreSQL 13 ∨

Query Editor   Query History   Explain   Notifications

1  --deletes two rows from the links table and return the values in the id column of deleted rows
2
3  DELETE FROM links
4  WHERE id IN (6,5)
5  RETURNING *;
```

Messages   Data Output

id [PK] integer	url character varying (255)	name character varying (255)	description character varying (255)	rel character varying (10)	last_update date
1	5 http://www.bing.com	Bing	Bing	nofollow	2013-06-02
2	6 http://www.facebook.com	Facebook	Facebook	nofollow	2013-06-01

Using PostgreSQL DELETE to delete all rows from the table


```
dvdrental/postgres@PostgreSQL 13 ∨
```

Query Editor   Query History   Explain   Notifications

```
1   --uses the DELETE statement without a WHERE clause to delete all rows from the links table
2
3   DELETE FROM links;
```

Messages   Data Output

```
DELETE 4

Query returned successfully in 467 msec.
```