

Superadmin kan read all

The screenshot shows a PostgreSQL client window titled 'postgres/superadmin@Hero-server'. The 'Query' tab is active, displaying the following SQL query:

```
1  
2 SELECT * FROM accounts.account;  
3
```

The 'Data Output' tab shows the results of the query in a table with 6 columns: id, account_number, branch, rolename, and email. The results are as follows:

| id | account_number | branch | rolename | email | |
|----|--------------------------------------|--------|-------------------|-----------|----------------|
| 1 | 21da397c-12cd-4ff5-8b5d-c3eabf7f1bee | 10001 | Avengers Tower | admin | tony.stark@ave |
| 2 | 638fefb4-617b-4a2f-8227-b4d3b4793b3f | 10002 | Xavier Institute | read_only | prof.x@xmen.or |
| 3 | 6845d8ae-1f67-430e-a032-3db668774... | 10005 | Sanctum Sanctorum | no_access | dr.strange@ma |
| 4 | 5a50db4d-46e9-47e7-b194-e78423228... | 10003 | Stark Industries | pepper | pepper.potts@s |
| 5 | fe3b6a71-e7bc-442b-8884-025f7d9df0fd | 10004 | Baxter Building | sue | sue.storm@fan |

Og skrive til database:

The screenshot shows a PostgreSQL client window titled 'postgres/superadmin@Hero-server'. The 'Query' tab is active, displaying the following SQL query:

```
1 INSERT INTO accounts.account (account_number, branch, rolename, ema  
2  
3 select * from accounts.account;  
4  
5  
6  
7
```

The 'Data Output' tab shows the results of the query in a table with 6 columns: id, account_number, branch, rolename, and email. The results are as follows:

| id | account_number | branch | rolename | email | |
|----|------------------------|--------|-------------------|-----------|----------------------------------|
| 1 | ff5-8b5d-c3eabf7f1bee | 10001 | Avengers Tower | admin | tony.stark@avengers.com |
| 2 | 2f-8227-b4d3b4793b3f | 10002 | Xavier Institute | read_only | prof.x@xmen.org |
| 3 | 30e-a032-3db668774d... | 10005 | Sanctum Sanctorum | no_access | dr.strange@magicschool.edu |
| 4 | 7e7-b194-e78423228... | 10003 | Stark Industries | pepper | pepper.potts@starkindustries.com |
| 5 | 42b-8884-025f7d9df0fd | 10004 | Baxter Building | sue | sue.storm@fantasticfour.net |
| 6 | 7e1-a4b6-c3fa5ad4d7b0 | 10006 | Wakanda | panther | black.panther@wakanda.org |

Total rows: 6 of 6 Query complete 00:00:00.333 Ln 6, Col 1

Delete også

postgres/superadmin@Hero-server

Query Scratch Pad x

```

1
2
3
4 DELETE FROM accounts.account WHERE branch = 'Wakanda';
5
6 SELECT * FROM accounts.account;
7

```

Data Output Messages Notifications

| | | account_number integer | branch character varying (255) | rolename character varying (255) | email character varying (255) |
|---|------------------------------|---------------------------|-----------------------------------|-------------------------------------|----------------------------------|
| 1 | -12cd-4ff5-8b5d-c3eabf7f1bee | 10001 | Avengers Tower | admin | tony.stark@avengers.com |
| 2 | 517b-4a2f-8227-b4d3b4793b3f | 10002 | Xavier Institute | read_only | prof.x@xmen.org |
| 3 | -1f67-430e-a032-3db668774... | 10005 | Sanctum Sanctorum | no_access | dr.strange@magicschool.e |
| 4 | -46e9-47e7-b194-e78423228... | 10003 | Stark Industries | pepper | pepper.potts@starkindustri |
| 5 | e7bc-442b-8884-025f7d9df0fd | 10004 | Baxter Building | sue | sue.storm@fantasticfour.nv |

Read_only kan ikke delete:

The screenshot shows a PostgreSQL query editor interface. At the top, the connection string is 'postgres/read_only@Hero-server2'. Below the connection bar is a toolbar with icons for file operations, filters, and execution. The main area is divided into two tabs: 'Query' and 'Query History'. The 'Query' tab is active, showing a SQL query with line numbers 1, 2, and 3. The query is:
1 DELETE FROM accounts.account WHERE branch = 'Wakanda';
2
3 SELECT * FROM accounts.account;
To the right of the query editor is a 'Scratch Pad' tab. At the bottom, there is a 'Data Output' section with tabs for 'Messages' and 'Notifications'. The 'Messages' tab is active, displaying an error message: 'ERROR: permission denied for table account' and 'SQL state: 42501'.

Men kan godt read

postgres/read_only@Hero-server2

No limit

Query

Scratch Pad x

1 DELETE FROM accounts.account WHERE branch = 'Wakanda';

2

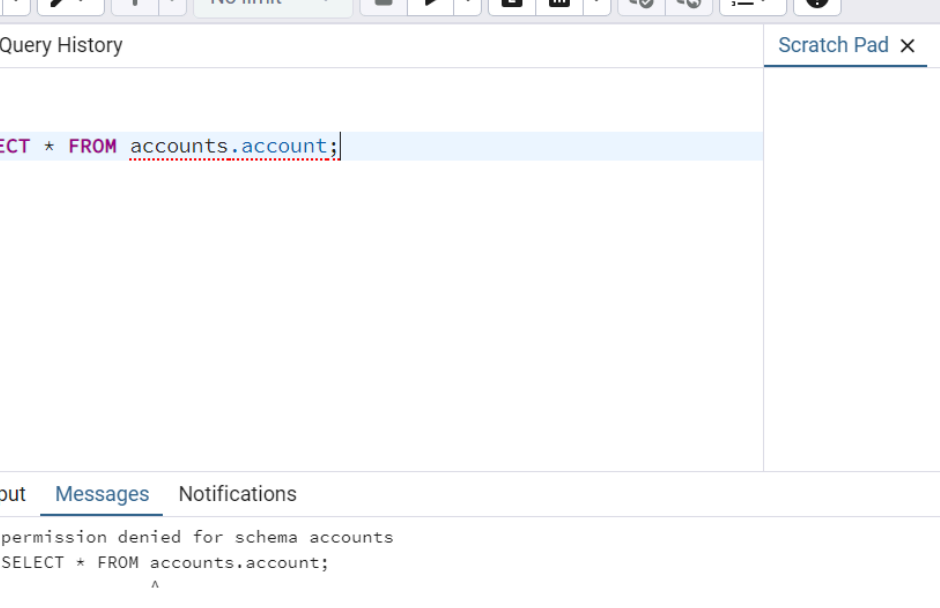
3 SELECT * FROM accounts.account;

Data Output Messages Notifications

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| | <div>id</div> [PK] uuid ✎ | <div>account_number</div> integer ✎ | <div>branch</div> character varying (255) ✎ | <div>rolename</div> character varying (255) ✎ | <div>email</div> character varyin ✎ |
|---|--------------------------------------|-------------------------------------|---|---|-------------------------------------|
| 1 | 21da397c-12cd-4ff5-8b5d-c3eabf7f1bee | 10001 | Avengers Tower | admin | tony.stark@ave |
| 2 | 638fefb4-617b-4a2f-8227-b4d3b4793b3f | 10002 | Xavier Institute | read_only | prof.x@xmen.o |
| 3 | 6845d8ae-1f67-430e-a032-3db668774... | 10005 | Sanctum Sanctorum | no_access | dr.strange@ma |
| 4 | 5a50db4d-46e9-47e7-b194-e78423228... | 10003 | Stark Industries | pepper | pepper.potts@c |
| 5 | fe3b6a71-e7bc-442b-8884-025f7d9df0fd | 10004 | Baxter Building | sue | sue.storm@fan |

No_access user har ikke rettigheder til at læse tabel



The screenshot shows a PostgreSQL client interface. At the top, the connection string is 'postgres/no_access@Hero-server3'. Below the connection bar is a toolbar with various icons for file operations, filters, and execution. The main window is divided into two panes: 'Query' and 'Query History'. The 'Query' pane contains a SQL query: `SELECT * FROM accounts.account;`. The 'Query History' pane is empty. To the right of the main window is a 'Scratch Pad' pane. Below the main window is a 'Data Output' section with tabs for 'Data Output', 'Messages', and 'Notifications'. The 'Messages' tab is selected, showing an error message: `ERROR: permission denied for schema accounts`, `LINE 1: SELECT * FROM accounts.account;`, `SQL state: 42501`, and `Character: 15`.

postgres/no_access@Hero-server3

Query Query History Scratch Pad X

```
1
2
3 SELECT * FROM accounts.account;
```

Data Output Messages Notifications

ERROR: permission denied for schema accounts
 LINE 1: SELECT * FROM accounts.account;
 SQL state: 42501
 Character: 15

Sue account kan læse sin egen account men ikke alle

```
6 SELECT account_number, email, branch, balance FROM accounts.account;
7
8 select * from accounts.account;
```

Data Output

Messages

Notifications

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| | account_number | email | branch | balance |
|---|----------------|-------------------------|-------------------------|----------------|
| | integer | character varying (255) | character varying (255) | numeric (10,2) |
| 1 | 10004 | spam@putler.ru | Baxter Building | 400.00 |