



SQL en Postgresql 9.0

Seguridad y autenticación

- ANTES:

- postgres=# GRANT SELECT ON ALL TABLES IN SCHEMA public TO asuario;
- postgres=# GRANT SELECT ON ALL SEQUENCES IN SCHEMA public TO asuario;
- postgres=# GRANT EXECUTE ON ALL FUNCTIONS IN SCHEMA public TO asuario;

Ahora:

- postgres=# ALTER DEFAULT PRIVILEGES FOR ROLE usuario GRANT SELECT ON TABLES TO public;

SQL 2

- `SELECT entity,string_agg(name,', ' ORDER BY name) FROM salary GROUP BY entity;`
- `SET application_name TO 'mi_aplicacion';`

SQL

- CREATE TRIGGER prueba BEFORE UPDATE OF una_columna ON tabla1 FOR EACH ROW EXECUTE PROCEDURE mi_disparador();
- CREATE TRIGGER check_update BEFORE UPDATE ON accounts FOR EACH ROW WHEN (OLD.balance IS DISTINCT FROM NEW.balance) EXECUTE PROCEDURE check_account_update();

```
postgres=# CREATE TABLE test (a int primary key deferrable, b text);
```

```
postgres=# INSERT INTO test values (1, 'x'), (2, 'y');
```

```
postgres=# BEGIN;
```

```
postgres=# SET CONSTRAINTS ALL DEFERRED;
```

```
postgres=# UPDATE test SET a = 2 WHERE b = 'x';
```

```
postgres=# UPDATE test SET a = 1 WHERE b = 'y';
```

```
postgres=# COMMIT;
```

Crosstab

```
coches=# select * from prueba_cros ;
```

```
usuario | anno  | money
```

```
-----+-----+-----
```

```
ema     | 2010-01-01 |    6
```

```
ema2    | 2011-01-01 |   19
```

```
ema     | 2011-01-02 |   10
```

(3 rows)

```
coches=# select * from crosstab('select usuario, extract(year from anno), sum(money)::int from prueba_cros  
group by usuario, extract(year from anno) order by 2') as f(usuario text, anno11 int, anno10 int);
```

```
usuario | anno11 | anno10
```

```
-----+-----+-----
```

```
ema     |    6 |    10
```

```
ema2    |   19 |
```

(2 rows)

Referencias

- <http://www.postgresql-es.org/node/522>
- <http://www.postgresql.org/docs/9.0/static/release-9-0.html>



Capacitaciones, Soporte y Soporte Postgresql y Mysql.

Consulten nuestra web: <http://helpame.com>

Próximos cursos, consultar el calendario
<http://inicio.helpame.com/inicio/?q=node/3> :

- DBA Nivel 1 Postgresql
- DBA Nivel 2 Postgresql

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<http://www.wiseri.com>

