PosgreSQL QuickRef

PostgreSQL quick reference.

Create Role & DB

```
CREATE DATABASE <dbname>;
CREATE ROLE <rolename>;
ALTER USER <rolename> WITH PASSWORD '<password>';
ALTER USER <rolename> WITH LOGIN;
ALTER DATABASE <dbname> OWNER TO <rolename>;
GRANT ALL PRIVILEGES ON DATABASE <dbname> TO <rolename>;
```

Reset Serial Count

```
-- Reset sequence
ALTER SEQUENCE seq RESTART WITH 1;

-- update column to reference sequence
-- (not needed if the column in question is already
-- referenced by the sequence)
UPDATE t SET idcolumn=NEXTVAL('seq');
```

Add/Drop Constraint

Postgres names constraints on table creation in the following format: `(table name)_(column name)_(constraint type)`.

```
ALTER TABLE <table> ADD CONSTRAINT <constraint_name>
<constraint_expression>;
ALTER TABLE <table> DROP CONSTRAINT <constraint_name>;
```

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