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# How to silence PostgreSQL in Rails

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Using [PostgreSQL](http://postgresql.org/) for your [Rails](http://rubyonrails.org/) applications is great, but it tends to be terribly chatty, spewing notices and internal queries all over your terminal and log files.

Luckily, there are a few simple steps to make PostgreSQL a bit more bearable to work with.

## Notices when running tests

The most obvious noise from PostgreSQL is when running your tests. For a large’ish application a simple rake will cause pages of

NOTICE: CREATE TABLE will create implicit sequence "inboxes\_id\_seq" for serial column "inboxes.id"

NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "inboxes\_pkey" for table "inboxes"

to be output.

To get rid of those, simply add

min\_messages: warning

to your database.yml test environment ([ActiveRecord documentation](http://api.rubyonrails.org/classes/ActiveRecord/ConnectionAdapters/PostgreSQLAdapter.html), [PostgreSQL documentation](http://www.postgresql.org/docs/8.4/static/runtime-config-logging.html)).

## ActiveRecord attribute queries

The first time Rails (well, ActiveRecord) loads a model it fetches the columns/attributes from the table. This is fine, but it can leave a lot of pointless and quite verbose output in your log files:

Inbox Load (3.7ms) SELECT "inboxes".\* FROM "inboxes" ORDER BY created\_at LIMIT 1

SQL (0.9ms) SELECT a.attname, format\_type(a.atttypid, a.atttypmod), d.adsrc, a.attnotnull

FROM pg\_attribute a LEFT JOIN pg\_attrdef d

ON a.attrelid = d.adrelid AND a.attnum = d.adnum

WHERE a.attrelid = '"inboxes"'::regclass

AND a.attnum > 0 AND NOT a.attisdropped

ORDER BY a.attnum

Getting rid of those is as simple as installing the [silent-postgres](https://github.com/dolzenko/silent-postgres) gem, which

“Silences internal diagnostic messages from postgresql connection adapter.”

Ah, silence is golden