users tags recent theory > pgtap pgTAP This Release: pgTAP 1.3.3 Date: 2024-04-08 **Status:** Stable Other Releases: 1.3.3 — 2024-04-08 ◆ **Abstract:** Unit testing for PostgreSQL Description: pgTAP is a suite of database functions that make it easy to write TAP-emitting unit tests in psql scripts or xUnitstyle test functions. Released By: theory License: PostgreSQL **Resources:** www **♦** git **♦** repo **♦** bugs **Special Files:** Changes ◆ README.md ◆ META.json ◆ Makefile Tags: testing → unit testing → tap → tddd → test driven database development Extensions pgtap 1.3.3 Unit testing for PostgreSQL pgtap-core 1.3.3 Unit testing for PostgreSQL pgtap-schema 1.3.3 Schema unit testing for PostgreSQL Documentation release pgTAP Release Management README pgTAP 1.3.3 pgTAP is a unit testing framework for PostgreSQL written in PL/pgSQL and PL/SQL. It includes a comprehensive collection of TAPemitting assertion functions, as well as the ability to integrate with other TAP-emitting test frameworks. It can also be used in the xUnit testing style. For detailed documentation, see the documentation in doc/pgtap.mmd or online. pgxn 1.3.3 🜍 🗸 Test passing pgTAP must be installed on a host with PostgreSQL server running; it cannot be installed remotely. To build it, just do this: make make install make installcheck If you encounter an error such as: "Makefile", line 8: Need an operator You need to use GNU make, which may well be installed on your system as gmake: gmake gmake install gmake installcheck If you encounter an error such as: make: pg_config: Command not found Or: Makefile:52: *** pgTAP requires PostgreSQL 9.1 or later. This is . Stop. Be sure that you have pg_config installed and in your path. If you used a package management system such as RPM to install PostgreSQL, be sure that the _devel package is also installed. If necessary tell the build process where to find it: env PG_CONFIG=/path/to/pg_config make && make install && make installcheck And finally, if all that fails, copy the entire distribution directory to the contrib/ subdirectory of the PostgreSQL source tree and try it there without pg_config: env NO_PGXS=1 make && make install && make installcheck If you encounter an error such as: ERROR: must be owner of database regression You need to run the test suite using a super user, such as the default "postgres" super user: make installcheck PGUSER=postgres If you encounter an error such as: ERROR: Missing extensions required for testing: citext isn ltree Install the PostgreSQL Additional Supplied Modules, which are required to run the tests. If you used a package management system such as RPM to install PostgreSQL, install the -contrib package. Once pgTAP is installed, you can add it to a database by connecting as a super user and running: CREATE EXTENSION pgtap; If you've upgraded your cluster to PostgreSQL 9.1 and already had pgTAP installed, you can upgrade it to a properly packaged extension with: CREATE EXTENSION pgtap FROM unpackaged; If you want to install pgTAP and all of its supporting objects into a specific schema, use the SCHEMA clause to specify the schema, like so: CREATE EXTENSION pgtap SCHEMA tap; Dependencies pgTAP requires PostgreSQL 9.1 or higher. Copyright and License Copyright (c) 2008-2023 David E. Wheeler. Some rights reserved. Permission to use, copy, modify, and distribute this software and its documentation for any purpose, without fee, and without a written agreement is hereby granted, provided that the above copyright notice and this paragraph and the following two paragraphs appear in all copies.

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