

# Module: PG

**Includes:** [Constants](#)**Defined in:** lib/pg.rb[more...](#)

## Overview

The top-level PG namespace.

## Defined Under Namespace

**Modules:** [BasicTypeRegistry](#), [BinaryDecoder](#), [BinaryEncoder](#), [Constants](#), [TextDecoder](#), [TextEncoder](#)**Classes:** [BasicTypeMapBasedOnResult](#), [BasicTypeMapForQueries](#), [BasicTypeMapForResults](#), [Coder](#), [CompositeCoder](#), [CompositeDecoder](#), [CompositeEncoder](#), [Connection](#), [ConnectionBad](#), [CopyCoder](#), [CopyDecoder](#), [CopyEncoder](#), [Error](#), [InvalidChangeOfResultFields](#), [InvalidResultStatus](#), [NoResultError](#), [NotAllCopyDataRetrieved](#), [Result](#), [ServerError](#), [SimpleCoder](#), [SimpleDecoder](#), [SimpleEncoder](#), [TypeMap](#), [TypeMapAllStrings](#), [TypeMapByClass](#), [TypeMapByColumn](#), [TypeMapByMriType](#), [TypeMapByOid](#), [TypeMapInRuby](#), [UnableToSend](#)

## Constant Summary

**VERSION =**

Library version

`'0.19.0'`**REVISION =**

VCS revision

`%q$Revision: 8beaa5d72670 $`**ERROR\_CLASSES =**`rb_hErrors`*Constants included from [Constants](#)*`Constants::CONNECTION_AUTH_OK, Constants::CONNECTION_AWAITING_RESPONSE,  
Constants::CONNECTION_BAD, Constants::CONNECTION_MADE, Constants::CONNECTION_NEEDED,  
Constants::CONNECTION_OK, Constants::CONNECTION_SETENV,  
Constants::CONNECTION_SSL_STARTUP, Constants::CONNECTION_STARTED,  
Constants::INVALID_OID, Constants::INV_READ, Constants::INV_WRITE, Constants::InvalidOid,  
Constants::PGRES_BAD_RESPONSE, Constants::PGRES_COMMAND_OK, Constants::PGRES_COPY_BOTH,  
Constants::PGRES_COPY_IN, Constants::PGRES_COPY_OUT, Constants::PGRES_EMPTY_QUERY,  
Constants::PGRES_FATAL_ERROR, Constants::PGRES_NONFATAL_ERROR,  
Constants::PGRES_POLLING_FAILED, Constants::PGRES_POLLING_OK,`

Constants::PGRES\_POLLING\_READING, Constants::PGRES\_POLLING\_WRITING,  
Constants::PGRES\_SINGLE\_TUPLE, Constants::PGRES\_TUPLES\_OK,  
Constants::PG\_DIAG\_COLUMN\_NAME, Constants::PG\_DIAG\_CONSTRAINT\_NAME,  
Constants::PG\_DIAG\_CONTEXT, Constants::PG\_DIAG\_DATATYPE\_NAME,  
Constants::PG\_DIAG\_INTERNAL\_POSITION, Constants::PG\_DIAG\_INTERNAL\_QUERY,  
Constants::PG\_DIAG\_MESSAGE\_DETAIL, Constants::PG\_DIAG\_MESSAGE\_HINT,  
Constants::PG\_DIAG\_MESSAGE\_PRIMARY, Constants::PG\_DIAG\_SCHEMA\_NAME,  
Constants::PG\_DIAG\_SEVERITY, Constants::PG\_DIAG\_SOURCE\_FILE,  
Constants::PG\_DIAG\_SOURCE\_FUNCTION, Constants::PG\_DIAG\_SOURCE\_LINE,  
Constants::PG\_DIAG\_SQLSTATE, Constants::PG\_DIAG\_STATEMENT\_POSITION,  
Constants::PG\_DIAG\_TABLE\_NAME, Constants::PQERRORS\_DEFAULT, Constants::PQERRORS\_TERSE,  
Constants::PQERRORS\_VERBOSE, Constants::PQPING\_NO\_ATTEMPT,  
Constants::PQPING\_NO\_RESPONSE, Constants::PQPING\_OK, Constants::PQPING\_REJECT,  
Constants::PQTRANS\_ACTIVE, Constants::PQTRANS\_IDLE, Constants::PQTRANS\_INERROR,  
Constants::PQTRANS\_INTRANS, Constants::PQTRANS\_UNKNOWN, Constants::SEEK\_CUR,  
Constants::SEEK\_END, Constants::SEEK\_SET

## Class Method Summary

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`.connect(*args) ⇒ Object`

Convenience alias for PG::Connection.new.

`.init_openssl(do_ssl, do_crypto) ⇒ nil`

Allows applications to select which security libraries to initialize.

`.init_ssl(do_ssl) ⇒ nil`

Allows applications to select which security libraries to initialize.

`.isthreadsafe ⇒ Object`

Returns true if libpq is thread-safe, false otherwise.

`.library_version ⇒ Integer`

Get the version of the libpq library in use.

`.version_string(include_buildnum = false) ⇒ Object`

Get the PG library version.

## Class Method Details

`.connect(*args) ⇒ Object`

[permalink](#)

Convenience alias for PG::Connection.new.

[\[View source\]](#)

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[permalink](#)