
pgparse

Release 0.2.0

unknown

Feb 24, 2021

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Python wrapper for `libpg_query`

INSTALLATION

```
pip install pgparse
```


DOCUMENTATION

2.1 API

The `pgparse` API is a direct wrapper of the functions provided by `libpg_query`.

2.1.1 Functions

2.1.2 Exceptions

2.2 Examples

The following snippet demonstrates how to get a query fingerprint, return a normalized query, parse SQL, and parse a PL/PgSQL function.

```
import pprint

import pgparse

sql = "SELECT * FROM pg_catalog.pg_class WHERE relname = 'foo'"
print('Fingerprint: {}'.format(pgparse.fingerprint(sql)))
print('Normalized: {!r}'.format(pgparse.normalize(sql)))
parsed = pgparse.parse(sql)
pprint.pprint(parsed)

func = """\
CREATE FUNCTION sales_tax(subtotal real) RETURNS real AS $$
    BEGIN
        RETURN subtotal * 0.06;
    END;
    $$ LANGUAGE plpgsql;
"""
parsed = pgparse.parse_pgsql(func)
pprint.pprint(parsed)
```

2.3 Version History

Version	Date	Release Notes
0.2.0	2021-02-23	Update to libpg_query 13-latest-develop, fix building in Alpine
0.1.0	2019-07-09	Initial release

More specific release information can be found on [GitHub](#)

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`