

README

Description

A working template to use [antlr 4](#) generated parsers with python 3.

This sample is fitted to PL/SQL language.

Could be used to parse any other language by providing your own .g4 Lexer & Grammar definitions.

Licence

Grammar definition was taken from [antlr/grammars-v4](#)

The software in this repo is also under [Apache licence, Version 2.0](#)

Copyright (c) 2021 Basilio Carrero Nevado

Prerequisites

- [java](#)
- Python modules:

```
pip install antlr4-python3-runtime pandas
```

Usage

1. Clone this repo

```
git clone https://bitbucket.org/Basiliocn/pyplsqlparser/src/master/
```

2. Build the antlr4 parser:

```
java -jar antlr-4.9.2-complete.jar -Dlanguage=Python3 -visitor pyPlSqlLexer.g4  
java -jar antlr-4.9.2-complete.jar -Dlanguage=Python3 -visitor pyPlSqlParser.g4
```

3. Run It!:

```
python funCallFinderPandas.py ./examples-sql-script/anonymous_block.sql
```