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
```

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. Implement your own listener/visitor classes in **sampleParserDriver.py**

4. Run It!:

```
python sampleParserDriver.py <myPLSQLfile.pls>
```