

ANTLR4 Commands

Compile & Run

1. Grammar

```
$ antlr4 Grammar.g4
```

2.a. Visitor

```
$ antlr4-visitor -f Grammar <visitor class name> <type>
```

2.b. Listener

```
$ antlr4-listener -f Grammar <listener class name> <type>
```

3. Main

```
$ antlr4-main -f -v <visitor class name> | -l <listener class name>
```

4. Build

```
$ antlr4-build
```

5. Run

```
$ antlr4-run < test.txt
```

Testing

Same first step as [Compile & Run](#).

2. Compile

```
$ antlr4-javac Grammar*.java
```

3. Feeding input

```
$ echo "hello compilers" | antlr4-test Grammar -tokens
```

or

```
$ cat text_file.txt | antlr4-test Grammar r -tokens
```

4. GUI

```
$ antlr4-test -gui
```

Then write the text and press **Ctrl + D**