

<https://github.com/banuAndrei99/FLCD/tree/master/grammar>

Read the readme.md on the github link plz, looks way better than the docs below.

GRAMMAR

`__init__(path_to_file: str) -> Grammar`

- pre: path_to_file leads to a file containing a grammar
- post: terminals, non_terminals and productions are build from that file

`get_non_terminals() -> [str]`

Returns a list of non terminals

- pre: None
- post: None

`get_terminals() -> [str]`

Returns a list of terminals

- pre: None
- post: None

`get_productions() -> dict`

Returns a dictionary containing all the productions

- pre: None
- post: None

`__def get_production_for_non_terminal(self, non_terminal: str) -> [str]`

Returns the list of production for a non terminal, or empty list of the non terminal is not in the grammar.

- pre: None
- post: None

Grammar
<ul style="list-style-type: none">-terminals: list[str]-non_terminals: list[str]-productions: dict-path_to_file: str
<ul style="list-style-type: none">-read_from_file()+get_terminals()+get_non_terminals()+get_productions()+get_production_for_non_terminal()