

Grammar Tuple: (V, Σ , R, S)

V = Non-Terminals = {s, source_file, package_declaration, import_declaration, import_path, toplevel_declaration, function_name, function, signature_rest, function_body}

Σ = Terminals = Tokens (see "Tokens" subfolder)

S = Starting Variable = S

R = Production Rules (as following):

s	= source_file.
source_file	= package_declaration “;” import_declaration.
import_declaration	= "import" import_path import_declaration. "import" import_path top_level_declaration .
package_declaration	= “package” package_name .
package_name	= PID LETTER .
import_declaration	“import” import_path “;” import_declaration “import” import_path “;” .
import_path	= STRING .
toplevel_declaration	= toplevel_declaration “func” function_name function. “func” function_name function.
function_name	= ID PID.
function	= signature_rest function_body .
signature_rest	= “(“ “)”” .
function_body	= “{“ “}”” .