Lexical Analysis Phase

token array

Syntactic Analysis Phase (Parsing)

command

Execution Phase

command name: echo
command arg: one
command arg: two
command arg: three
command stdin: NULL
command stdout: myfile

echo one two three > myfile

Command name: echo
Command arg: one
Command arg: two
Command arg: three
Command stdin: NULL
Command stdout: myfile

echo one "two three" > myfile

Command name: echo
Command arg: one
Command arg: two
Command arg: three
Command stdin: NULL
Command stdout: myfile

echo one two > myfile three

Command name: echo
Command arg: one
Command arg: two
Command arg: three
Command stdin: NULL
Command stdout: myfile