

Evaluation Item	Unacceptable (0)	Acceptable (1)		Comments
Verifiability Note: If this item is “unacceptable”, the rest of the assignment will not be marked.	The submission lacks a script for validating the parser, or the script provided could not be used to verify the parser.	The submission includes (a) a set of tests for verifying the parser and (b) a script to build your parser and to parse those tests. That scripts can be used on a lab machine to verify the parser outputs.		
Evaluation Item	Unacceptable (0)	Marginal (2)	Proficient (3)	Comments
Expressiveness Note: Typechecking is not required, so the parser may allow structurally correct but invalid code like: “cat” / 2	The CFG and parser fails to disallow significant invalid structures.	The CFG and parser allow a small number of invalid structures.	The CFG and parser correctly represent the language, are free from ambiguity, and do not allow invalid structures.	
Completeness	The CFG and parser fail to parse significant portions of the language.	The CFG and parser fail to parse one or two legal structures.	The CFG and parser accurately represent all legal structures in the language.	

Evaluation Item	Unacceptable (0)	Marginal (2)	Proficient (3)	Comments
Documentation	The submission document is missing one of the required elements.	The submission document contains all three required elements but does not <i>clearly</i> describe the IR or process for verifying the parser.	The submission contains a document that (a) describes the IR clearly, (b) lists language structures not parsed, and (c) explains how to use the provided script and tests.	The description of the IR is somewhat lacking. You're using an AST. How will this be connected to the rest of your compiler? (XML doesn't seem like a good choice.) Are "with", "at", "into", etc. nodes, are they abstracted into a single node that represents the whole system, or are they edges to sub-nodes? (2.5)

Additional Notes:

Batch (.bat) files are script files exclusive to DOS/Windows, which makes these kind of hard to test on lab machines.

Other than that – solid work!

Group Members: Dmitry Vasin and Zhang An Ni

Score: 9.5/10