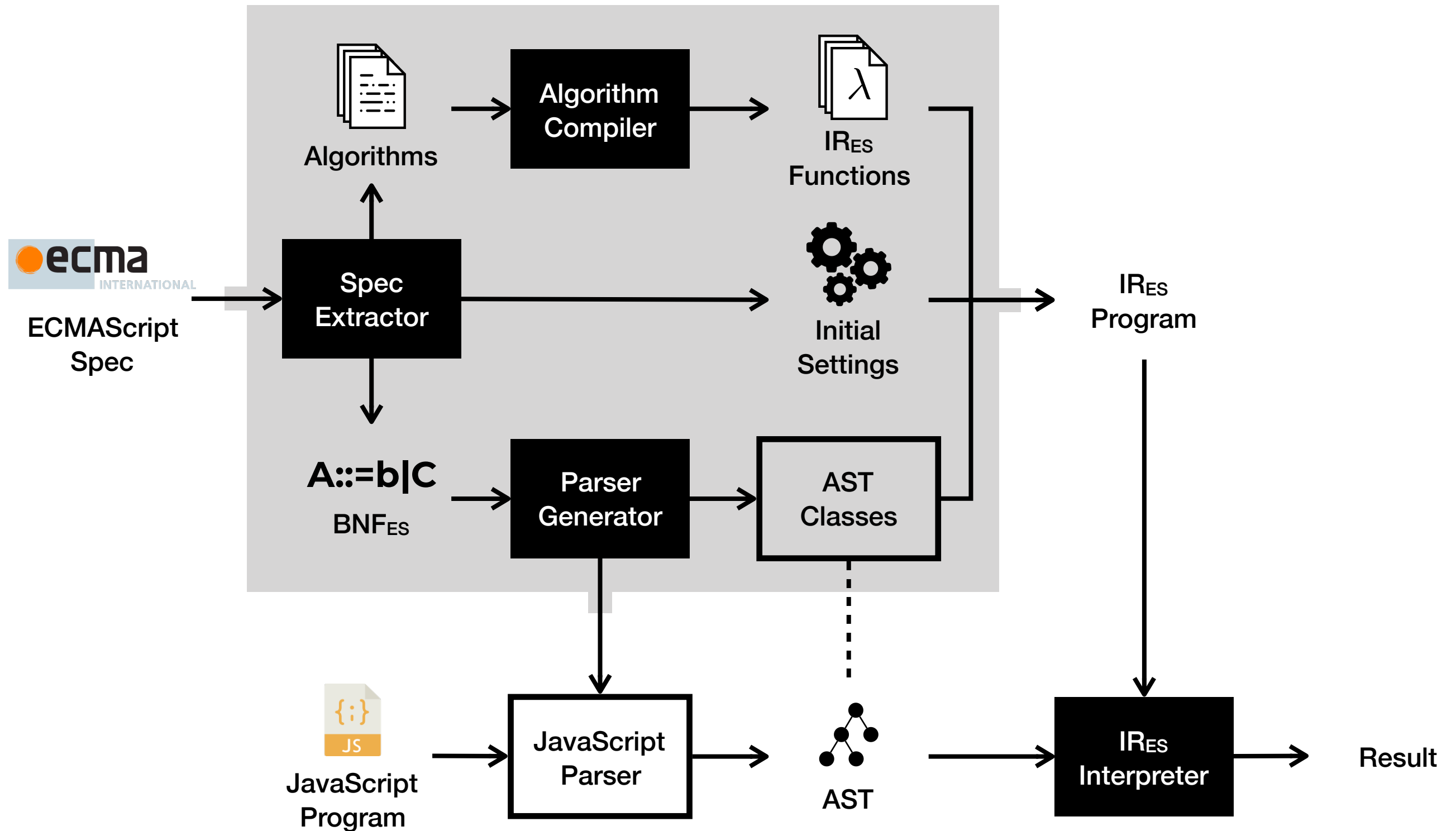




## Automatic Semantics Extractor (ASE)



ECMAScript  
Spec

Spec  
Extractor

manual

$A ::= b | C$   
BNF<sub>ES</sub>


Algorithms

Section 3

JS Parser  
Generator

Section 4

Algorithm  
Compiler

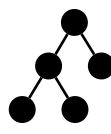
  
Compile  
Rules

  
Initial  
Setting

  
IR<sub>ES</sub>  
Functions

  
JavaScript  
Program

JavaScript  
Parser

  
JS AST

IR<sub>ES</sub>  
Interpreter

Evaluation  
Result

