

Minimal Working Interpreter

Minimal Formal Grammar

`<point> ::= <int> <int>`

`<circle> ::= <point> <int>`

`<dims> ::= <int> <int>`

`<def> ::= <name> <dims> <component>+`

`<component> ::= <name> | <circle>`

`<grammar> ::= <def>+`

Minimal Semantics

Syntax	Abstract Syntax	Type	Prec. & Assoc	Meaning
<code>point=(x, y)</code>	Point of int * int	<code>int*int</code>	n/a	Represents the vertical and horizontal coordinates of