IMP

MODULE IMP-SYNTAX

SYNTAX *AExp* ::= *Int*
| *Id*
| *AExp* `/` *AExp* [strict(strict())]
| *AExp* + *AExp* [strict(strict())]
| (*AExp*) [bracket(bracket())]

SYNTAX *BExp* ::= *Bool*
| *AExp* ≤ *AExp* [seqstrict(seqstrict())]
| `!` *BExp* [strict(strict())]
| *BExp* && *BExp* [strict(strict(1))]
| (*BExp*) [bracket(bracket())]

SYNTAX *Block* ::= {}
| {*Stmt*}

SYNTAX *Stmt* ::= *Block*
| *Id* = *AExp* `;` [strict(strict(2))]
| `if` (*BExp*)*Block* `else` *Block* [strict(strict(1))]
| `while` (*BExp*)*Block*
| *Stmt* *Stmt*

SYNTAX *Pgm* ::= `int` *Ids* `;` *Stmt*

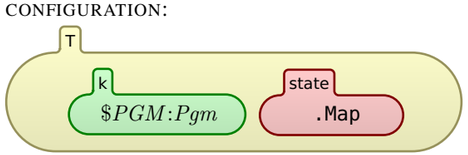
SYNTAX *Ids* ::= *List*{*Id*, “,”}

END MODULE

MODULE IMP

SYNTAX *KResult* ::= *Int*
| *Bool*

CONFIGURATION:



END MODULE