

Languages-beta: OC-L-05-Constants *

The P_{Plan}CompS Project

OC-L-05-Constants.cbs | PLAIN | PRETTY

Language "OCaml Light"

5 Constants

Syntax $CNST : constant ::=$ integer-literal
| float-literal
| char-literal
| string-literal
| constr
| 'false'
| 'true'
| '(' '*'*'
| 'begin' 'end'
| '[' '*'*'
| '[' '*'*' '*'*' '*'*'

Semantics $value[_ : constant] : \Rightarrow$ implemented-values
Rule $value[IL] =$ integer-value[*IL*]
Rule $value[FL] =$ float-value[*FL*]
Rule $value[CL] =$ character-value[*CL*]
Rule $value[SL] =$ string-value[*SL*]
Rule $value[CSTR] =$ bound(constr-name[*CSTR*])
Rule $value['false'] =$ false
Rule $value['true'] =$ true
Rule $value['(' '*'*'] =$ null
Rule $value['begin' 'end'] =$ null
Rule $value['[' '*'*'] =$ nil
Rule $value['[' '*'*' '*'*' '*'*'] =$ vector()

*Suggestions for improvement: plancomps@gmail.com.
Reports of issues: <https://github.com/plancomps/CBS-beta/issues>.