Unstable-Languages-beta: IMPPP-1 *

The PLanCompS Project

OUTLINE

1 Values

Integers Strings Identifiers

Language "IMPPP"

1 Values

Integers

```
Syntax N: int ::= '-'?\_decimal

Lexis D: decimal ::= ('0'-'9')^+

Semantics int-val[\_: int ]]: \Rightarrow integers

Rule int-val[\_D]] = decimal-natural("D")

Rule int-val[\_D]] = integer-negate(int-val[\_D]])
```

Strings

```
Syntax S: string ::= '"'\_string-chars\_'"'

Lexis SCS: string-chars ::= (\sim '"')*

Semantics string-val[\_: string]: \Rightarrow strings

Rule string-val[\_"' SCS '"'] = "SCS"
```

Identifiers

^{*}Suggestions for improvement: plancomps@gmail.com.
Reports of issues: https://github.com/plancomps/CBS-beta/issues.