

Funcons-beta: Variants *

The P_LanCompS Project

Variants.cbs | PLAIN | PRETTY

Variants

[*Datatype* variants
 Funcon variant
 Funcon variant-id
 Funcon variant-value]

Meta-variables $T <: \text{values}$

Datatype variants(T) ::= variant($_ : \text{identifiers}, _ : T$)

A value of type variants(T) is a pair formed from an identifier and a value of type T .

Funcon variant-id($_ : \text{variants}(T)$) : $\Rightarrow \text{identifiers}$

Rule variant-id(variant($I : \text{identifiers}, _ : T$)) $\rightsquigarrow I$

Funcon variant-value($_ : \text{variants}(T)$) : $\Rightarrow T$

Rule variant-value(variant($_ : \text{identifiers}, V : T$)) $\rightsquigarrow V$

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