

Funcons-beta: References *

The P_LanCompS Project

References.cbs | PLAIN | PRETTY

References and pointers

```
[ Datatype references
  Funcon reference
  Type pointers
  Funcon pointer-null
  Funcon dereference ]
```

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

Datatype `references(T) ::= reference(_ : T)`

Datatype `pointers(T) ::= pointer-null | { _ : references(T) }`

Funcon `dereference(_ : pointers(T)) : =>(T)?`

Rule `dereference(reference(V : T)) ~> V`

Rule `dereference(pointer-null) ~> ()`

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