## Funcons-beta: Continuing \*

The PLanCompS Project

Continuing.cbs | PLAIN | PRETTY

## Continuing

[ DatatypecontinuingFunconcontinuedFunconfinalise-continuingFunconcontinueFunconhandle-continue

Meta-variables T <: values

Datatype continuing ::= continued

continued is a reason for abrupt termination.

Funcon finalise-continuing $(X : \Rightarrow T) : \Rightarrow T \mid \text{null-type}$  $\rightsquigarrow \text{finalise-abrupting}(X)$ 

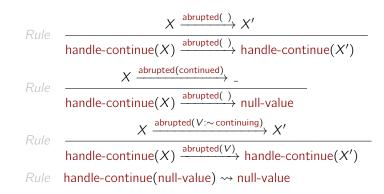
finalise-continuing(X) handles abrupt termination of X due to executing continue.

Funcon continue :  $\Rightarrow$  empty-type  $\rightarrow$  abrupt(continued)

continue abruptly terminates all enclosing computations until it is handled.

*Funcon* handle-continue( $_: \Rightarrow$  null-type) :  $\Rightarrow$  null-type

handle-continue(X) terminates normally when X terminates abruptly for the reason continued.



<sup>\*</sup>Suggestions for improvement: plancomps@gmail.com.

Reports of issues: https://github.com/plancomps/CBS-beta/issues.