Unstable-Languages-beta:
SIMPLE-THR-Unstable-Funcons-Index *

The PLanCompS Project

`SIMPLE-THR-Unstable-Funcons-Index.cbs` | PLAIN | PRETTY

OUTLINE

Computations

Unstable Funcons, for use only in Unstable Languages

Computations

Normal computation

Value indexing

[*Funcon*   allocate-index
  Funcon   lookup-index]

Memos

[*Funcon*   initialise-memos
  Funcon   memo-value
  Funcon   memo-value-recall]

Abnormal computation

Postponing

[*Funcon*   postpone
  Funcon   postpone-after-effect]

Threads

Multithreading

[*Funcon*   thread-joinable]

Activation

[*Funcon*   multithread
  Funcon   thread-activate]

Termination

[*Funcon*   thread-join]

Thread synchronisation

Locks

[*Funcon*   is-exclusive-lock-holder]

Reentrant locks

[*Funcon*   reentrant-lock-create
  Funcon   reentrant-lock-sync-else-wait
  Funcon   reentrant-lock-release
  Funcon   reentrant-lock-exit]

Notifications

Rendezvous

[*Funcon*   rendezvous-create
  Funcon   rendezvous-sync-else-wait]