

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

The P_LanCompS Project

Unstable-Languages-beta/SIMPLE-THR/SIMPLE-THR-Unstable-Funcons-Index/SIMPLE-TH

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**]

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

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 ]
```