

Languages-beta: IMP-Funcons-Index *

The PLaNCompS Project

IMP-Funcons-Index.cbs | PLAIN | PRETTY

OUTLINE

Computations

- Normal computation
 - Flowing
 - Giving
 - Binding
 - Storing
- Abnormal computation
 - Failing

Values

- Primitive values
 - Booleans
 - Integers
 - The null value
-

Computations

Normal computation

Flowing

```
[ Funcon sequential
  Alias seq
  Funcon if-true-else
  Alias if-else
  Funcon while-true
  Alias while ]
```

Giving

```
[ Funcon initialise-giving ]
```

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

Binding

- [*Type* environments
- Alias* envs
- Datatype* identifiers
- Alias* ids
- Funcon* initialise-binding
- Funcon* bind-value
- Alias* bind
- Funcon* bound-value
- Alias* bound
- Funcon* scope
- Funcon* collateral]

Storing

- [*Funcon* initialise-storing
- Funcon* allocate-initialised-variable
- Alias* alloc-init
- Funcon* assign
- Funcon* assigned]

Abnormal computation

Failing

- [*Funcon* finalise-failing
- Funcon* checked]

Values

Primitive values

Booleans

- [*Datatype* booleans
- Alias* bools
- Funcon* true
- Funcon* false
- Funcon* not]

Integers

[*Type* integers
 Alias ints
Funcon integer-add
 Alias int-add
Funcon integer-divide
 Alias int-div
Funcon integer-negate
 Alias int-neg
Funcon integer-is-less-or-equal
 Alias is-less-or-equal
Funcon decimal-natural
 Alias decimal]

The null value

[*Datatype* null-type
 Funcon null-value
 Alias null]