# Languages-beta: SL-4-Definitions \*

The PLanCompS Project

SL-4-Definitions.cbs | PLAIN | PRETTY

#### **OUTLINE**

### 4 Function definitions

Parameter lists

Language "SL"

## 4 Function definitions

## **Parameter lists**

```
Syntax IdList: id-list ::= id (',' id-list)?

Semantics pass-list [ IdList: id-list? ] : lists(values) ⇒ null-type

Rule pass-list [ ] = null-value

Rule pass-list [ Id ] =

local-variable-initialise(id [ Id ], checked head given)

Rule pass-list [ Id ',' IdList ] =

sequential(

local-variable-initialise(id [ Id ], checked head given),

give(checked tail given, pass-list [ IdList ]))
```

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