## Chapter 1

## Specification

SPAL simple compile to OpenCL.

| SPAL  | ) C   | file                                |
|---|---|-------------------------------------|
| cardinal social _top cardinal social name _nom _rea   | int main () {   | cardi-<br>nal_social_name.c         |
| social _top name_nom_rea  | void name () {  | cardi-<br>nal_social_name.c         |
| mind_top name_nom_rea   | inline void name ();                                    | li-<br>brary_cardinal_social_name.h |
|   | inline void name {<br>                                  | n-<br>brary_cardinal_social_name.c  |
| cardinal mind _top name _nom _rea   | kernel void name () {                                   | cardi-<br>nal_social_name.cl        |
| ten _num _ins indexFinger _acc down _con  | if (i < 0xA) {  | all                                 |
| finally_rea   |   | all                                 |
| name _nom three _num _cop   | name = 3;   | all                                 |
| indexFinger_nom_zero_num_cop  | i = 0;  | all                                 |
| ten _num _ins indexFinger _acc down _con indexFinger _acc one _num _ins plus _rea _and library program _rea | <pre>for {;i &lt; 0xA; ++i}{ library_program ();}</pre> | all                                 |