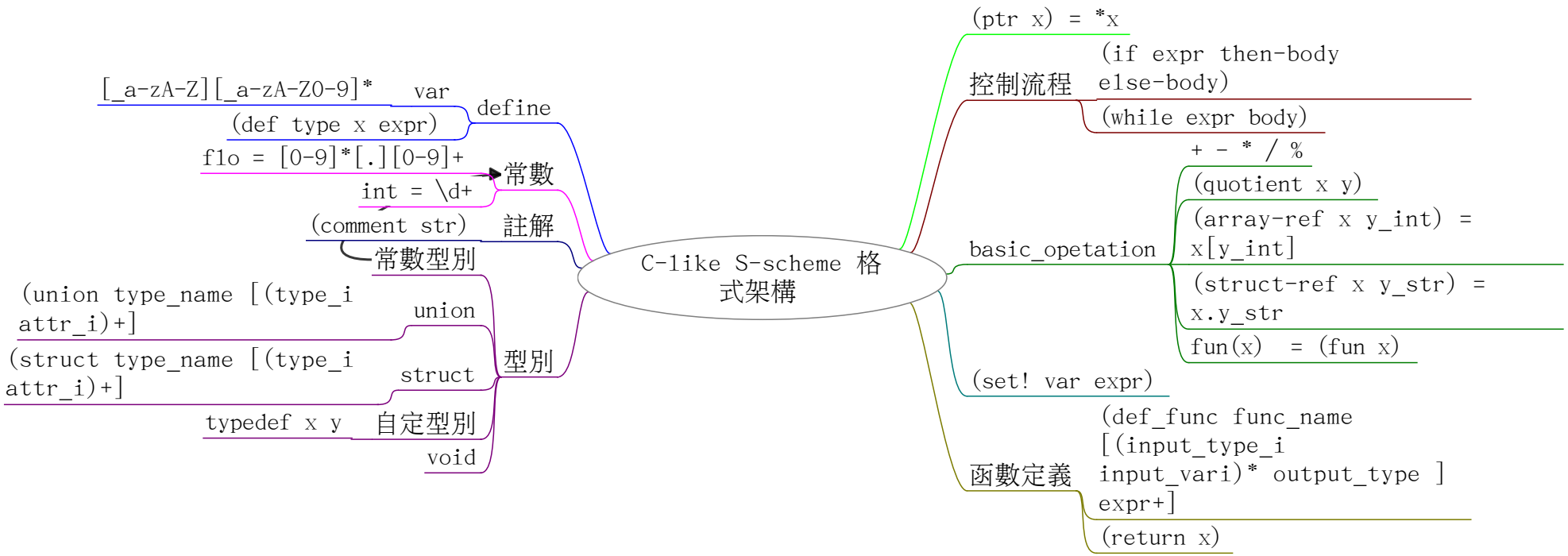
C-like S-scheme 格式架構
define
var
[_a-zA-Z][_a-zA-Z0-9]*
(def type x expr)
常數
flo = [0-9]*[.][0-9]+
int = \d+
註解
(comment str)
型別
常數型別
union
(union type_name [(type_i attr_i)+]
struct
(struct type_name [(type_i attr_i)+]
自定型別
typedef x y
void
(ptr x) = *x
控制流程
(if expr then-body else-body)
(while expr body)
basic_opetation
+ - * / %
(quotient x y)
(array-ref x y_int) = x[y_int]
(struct-ref x y_str) = x.y_str
fun(x) = (fun x)
(set! var expr)
函數定義
(def_func func_name [(input_type_i input_vari)* output_type] expr+]
(return x)