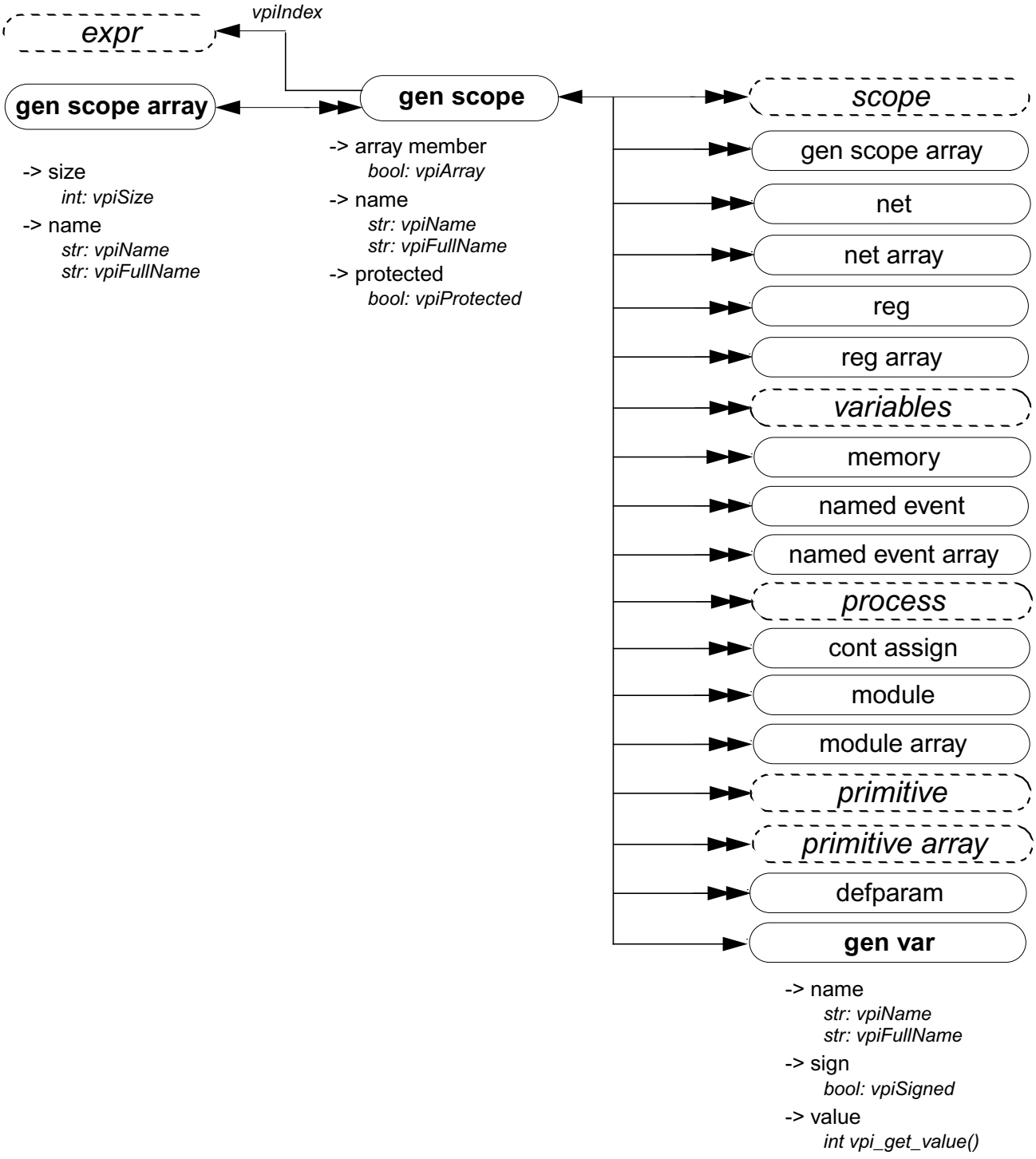
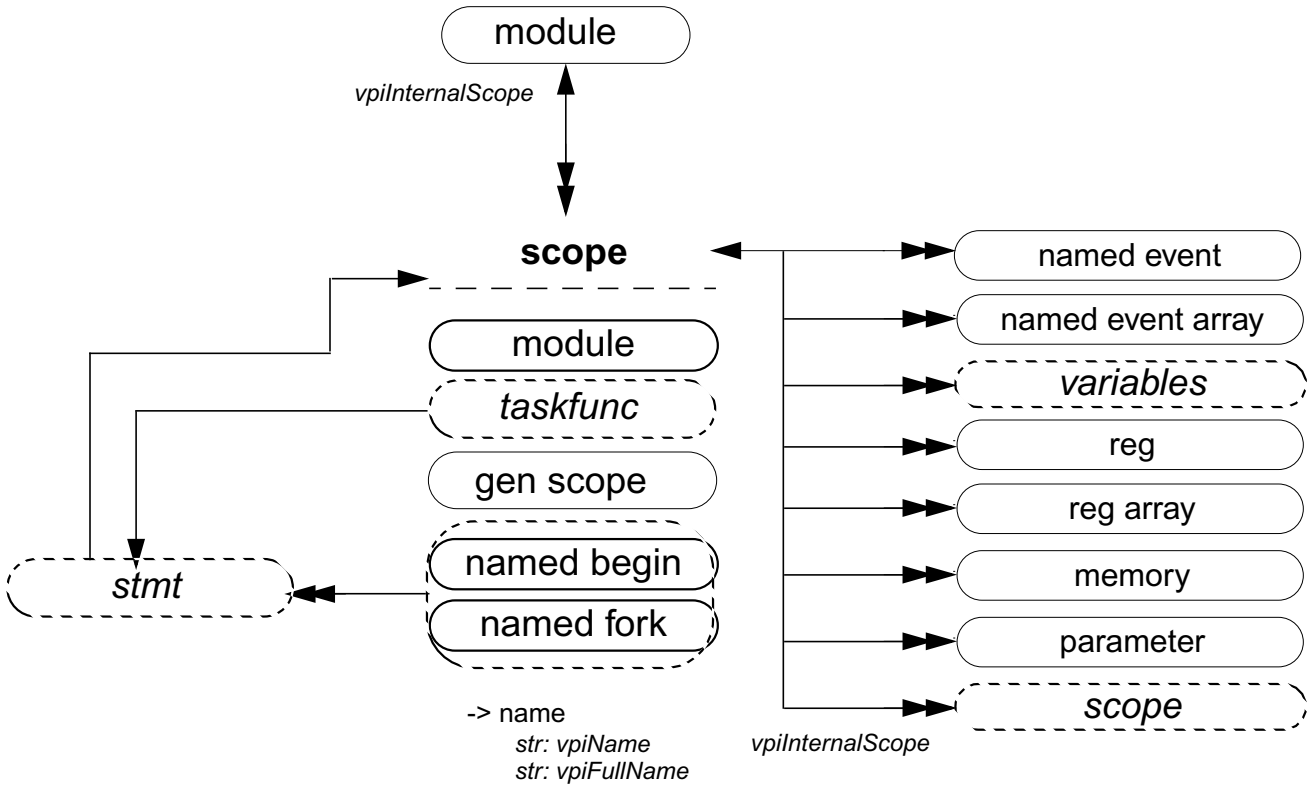
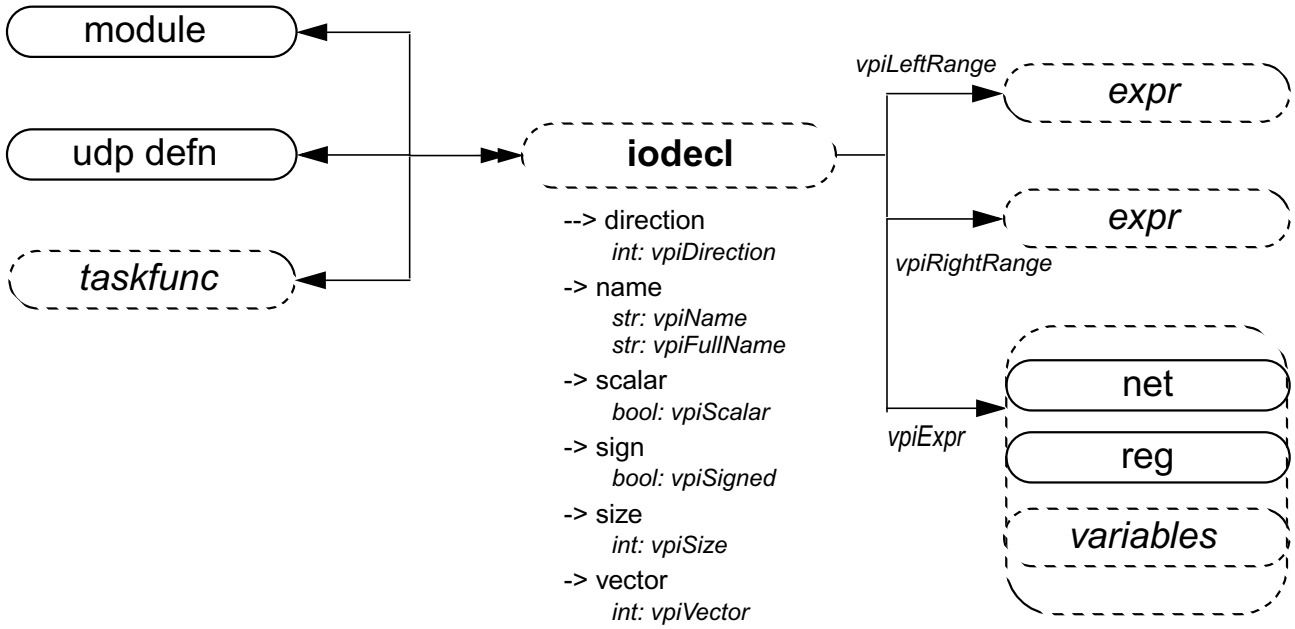

expr
vpiIndex
gen scope array
gen scope
-> size
int: vpiSize
-> name
str: vpiName
str: vpiFullName
-> array member
bool: vpiArray
-> name
str: vpiName
str: vpiFullName
-> protected
bool: vpiProtected
scope
gen scope array
net
net array
reg
reg array
variables
memory
named event
named event array
process
cont assign
module
module array
primitive
primitive array
defparam
gen var
-> name
str: vpiName
str: vpiFullName
-> sign
bool: vpiSigned
-> value
int vpi_get_value()


module
vpiInternalScope
scope
module
taskfunc
gen scope
named begin
named fork
stmt
-> name
str: vpiName
str: vpiFullName
named event
named event array
variables
reg
reg array
memory
parameter
scope
vpiInternalScope


module
udp defn
taskfunc
iodecl
--> direction
int: vpiDirection
-> name
str: vpiName
str: vpiFullName
-> scalar
bool: vpiScalar
-> sign
bool: vpiSigned
-> size
int: vpiSize
-> vector
int: vpiVector
vpiLeftRange
expr
expr
vpiRightRange
vpiExpr
net
reg
variables