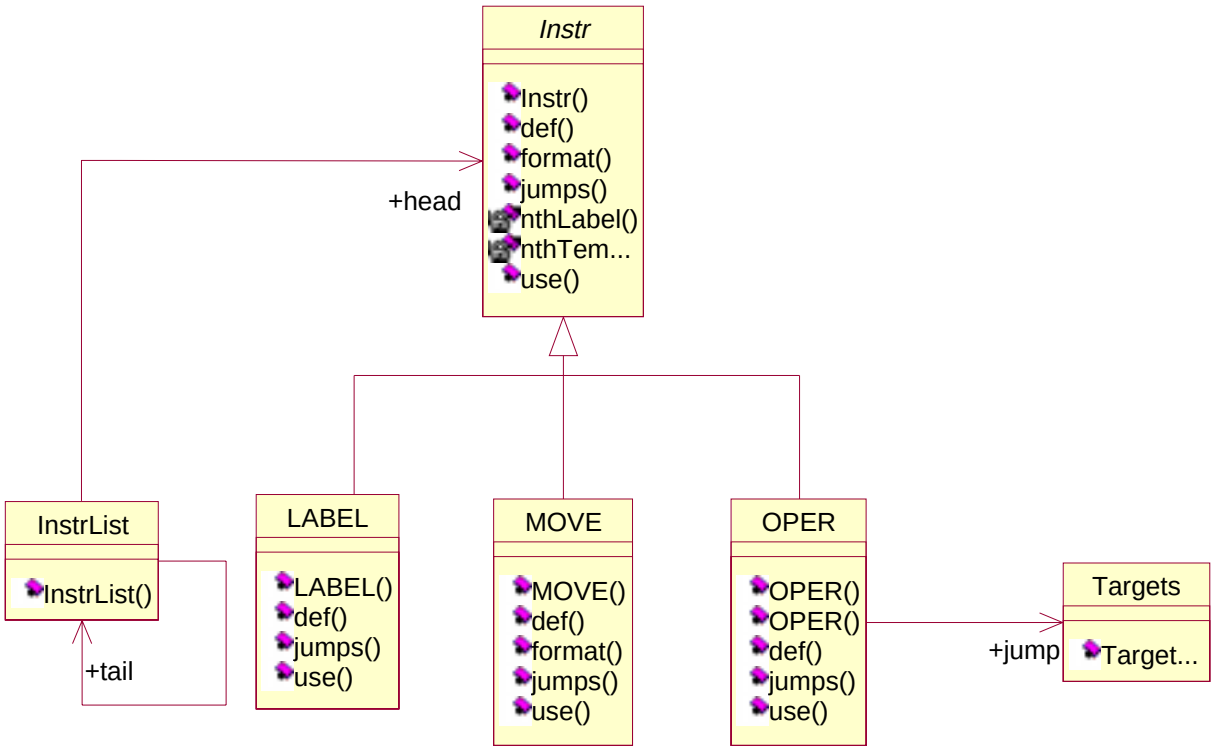
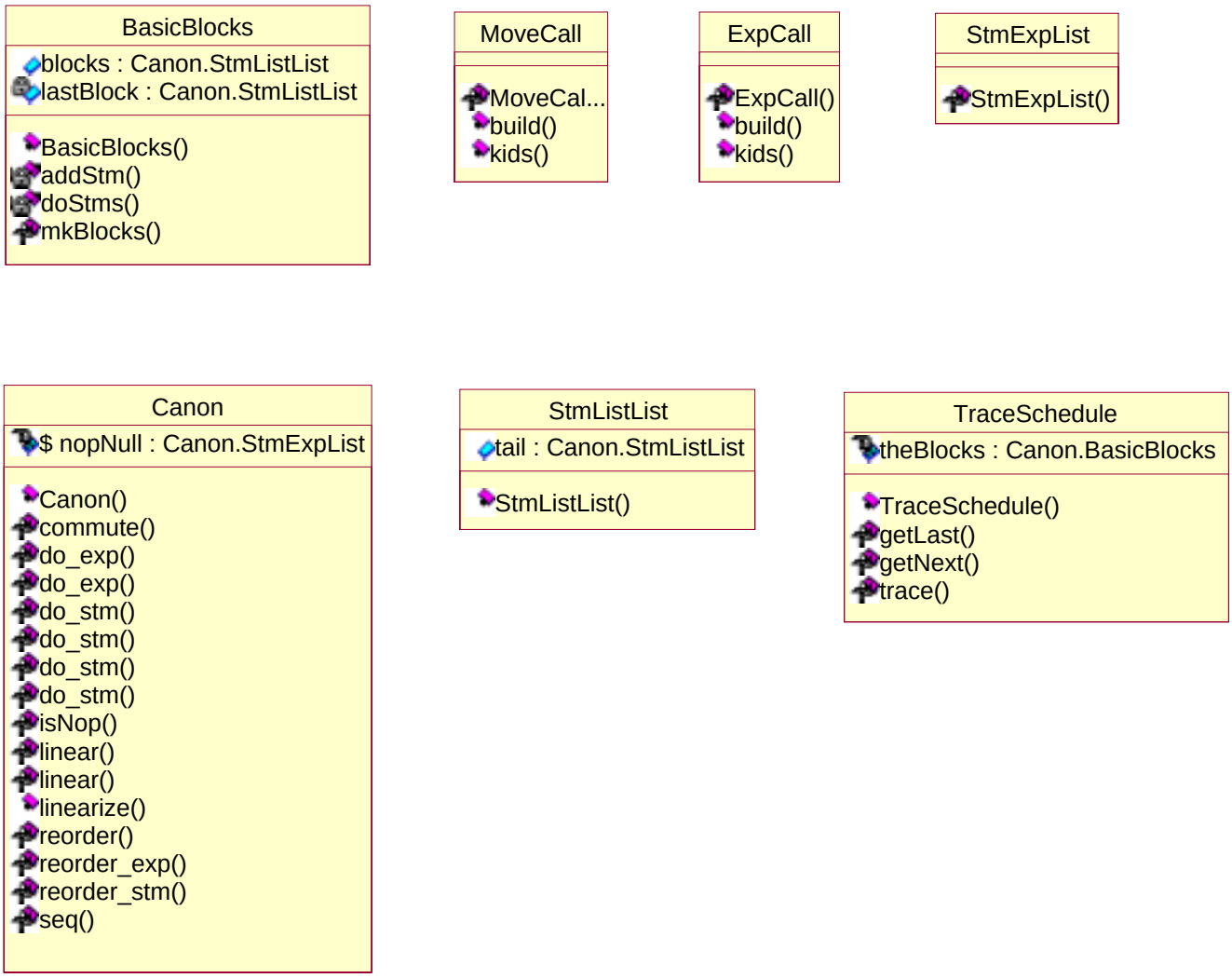
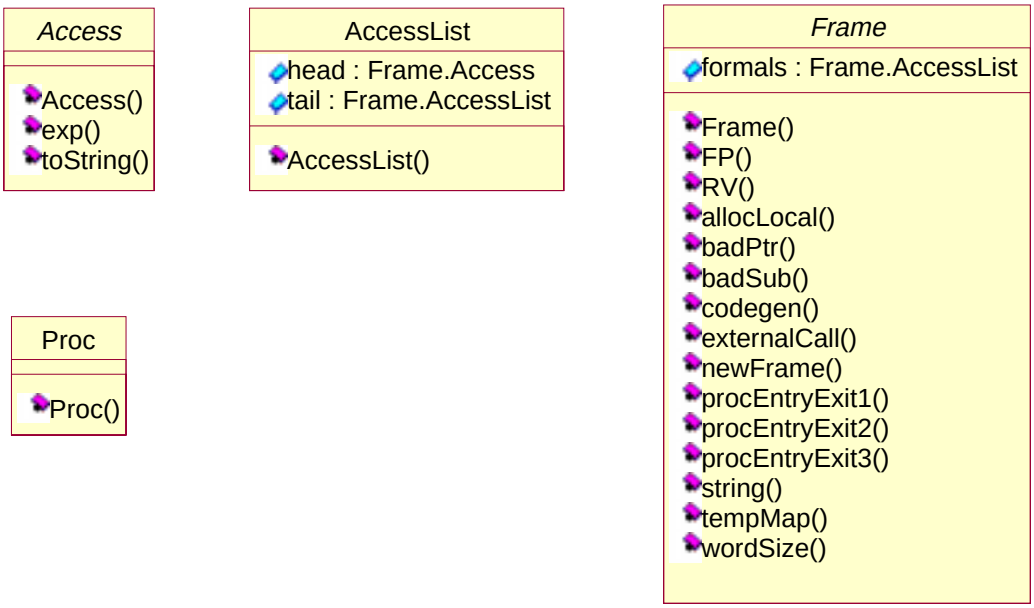
Assem


Instr
Instr()
def()
format()
jumps()
nthLabel()
nthTem...
use()
+head
InstrList
InstrList()
+tail
LABEL
LABEL()
def()
jumps()
use()
MOVE
MOVE()
def()
format()
jumps()
use()
OPER
OPER()
OPER()
def()
jumps()
use()
+jump
Targets
Target...

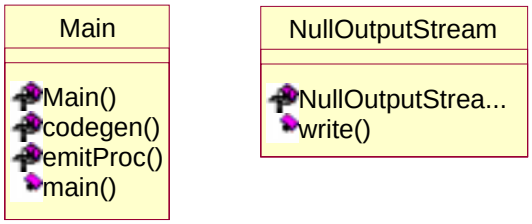
Canon


BasicBlocks
blocks : Canon.StmListList
lastBlock : Canon.StmListList
BasicBlocks()
addStm()
doStms()
mkBlocks()
MoveCall
MoveCal...
build()
kids()
ExpCall
ExpCall()
build()
kids()
StmExpList
StmExpList()
Canon
$ nopNull : Canon.StmExpList
Canon()
commute()
do_exp()
do_exp()
do_stm()
do_stm()
do_stm()
do_stm()
isNop()
linear()
linear()
linearize()
reorder()
reorder_exp()
reorder_stm()
seq()
StmListList
tail : Canon.StmListList
StmListList()
TraceSchedule
theBlocks : Canon.BasicBlocks
TraceSchedule()
getLast()
getNext()
trace()

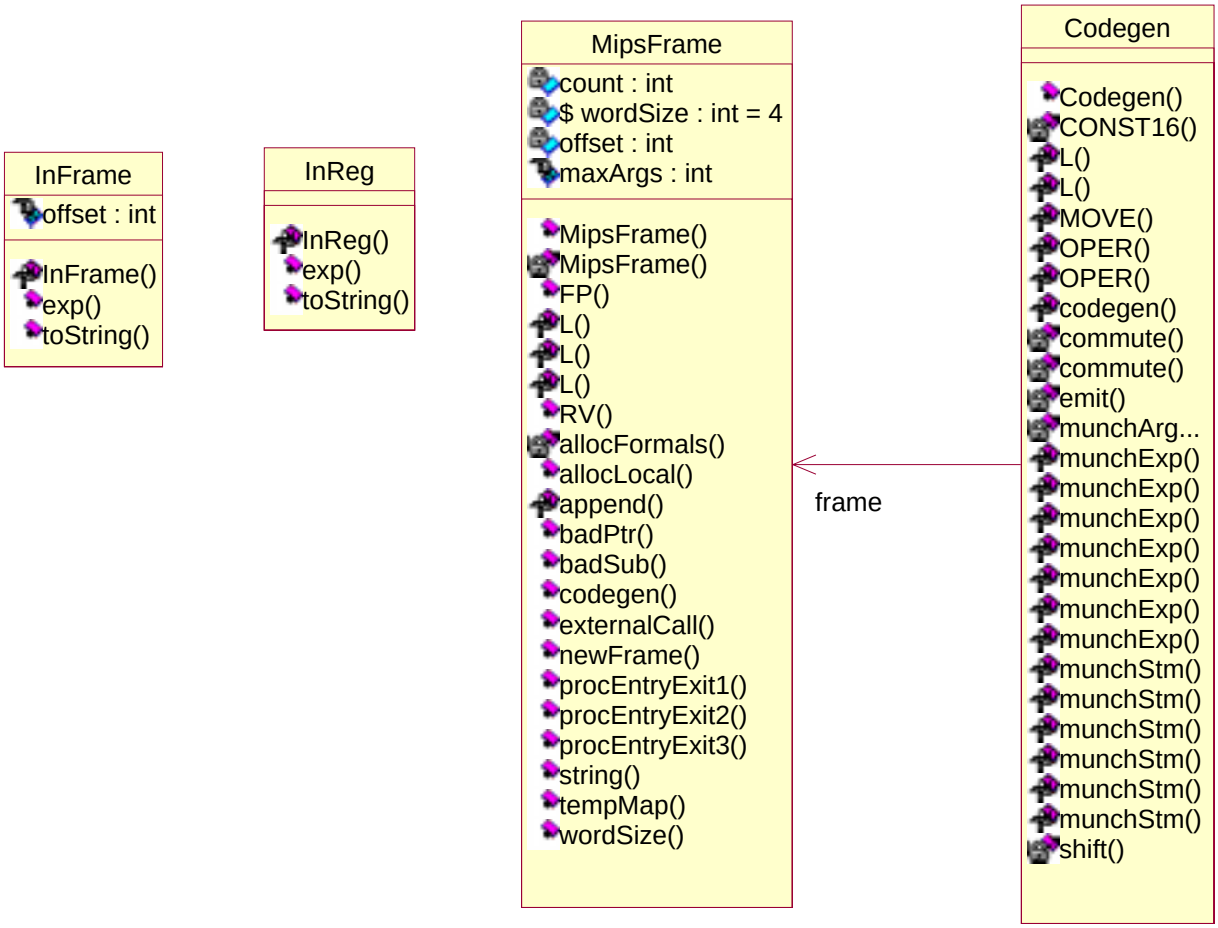
Frame


Access
Access()
exp()
toString()
AccessList
head : Frame.Access
tail : Frame.AccessList
AccessList()
Frame
formals : Frame.AccessList
Frame()
FP()
RV()
allocLocal()
badPtr()
badSub()
codegen()
externalCall()
newFrame()
procEntryExit1()
procEntryExit2()
procEntryExit3()
string()
tempMap()
wordSize()
Proc
Proc()

Main


Main
Main()
codegen()
emitProc()
main()
NullOutputStream
NullOutputStrea...
write()

Mips


InFrame
offset : int
InFrame()
exp()
toString()
InReg
InReg()
exp()
toString()
MipsFrame
count : int
$ wordSize : int = 4
offset : int
maxArgs : int
MipsFrame()
MipsFrame()
FP()
L()
L()
L()
RV()
allocFormals()
allocLocal()
append()
badPtr()
badSub()
codegen()
externalCall()
newFrame()
procEntryExit1()
procEntryExit2()
procEntryExit3()
string()
tempMap()
wordSize()
frame
Codegen
Codegen()
CONST16()
L()
L()
MOVE()
OPER()
OPER()
codegen()
commute()
commute()
emit()
munchArg...
munchExp()
munchExp()
munchExp()
munchExp()
munchExp()
munchExp()
munchExp()
munchStm()
munchStm()
munchStm()
munchStm()
munchStm()
munchStm()
shift()