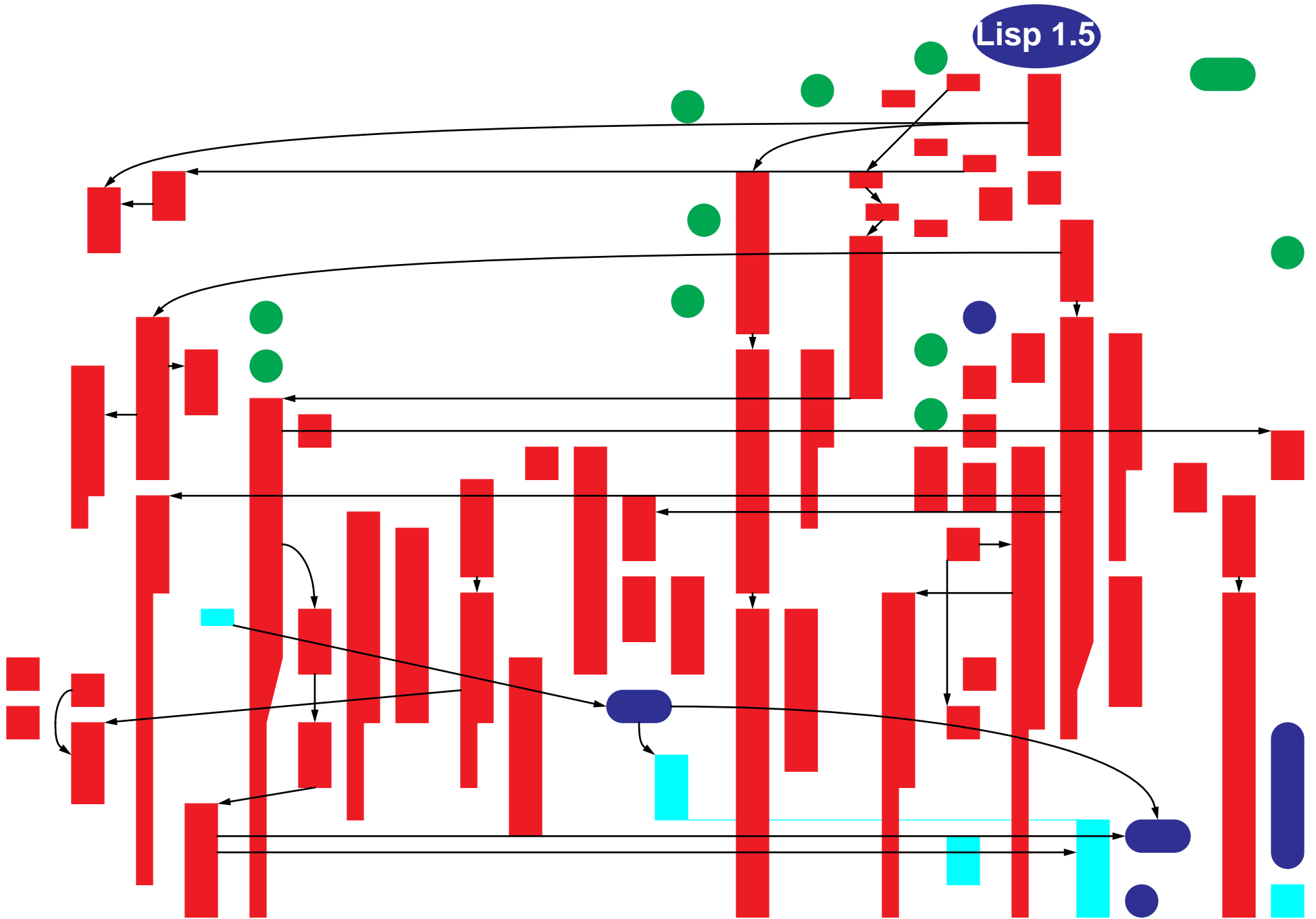
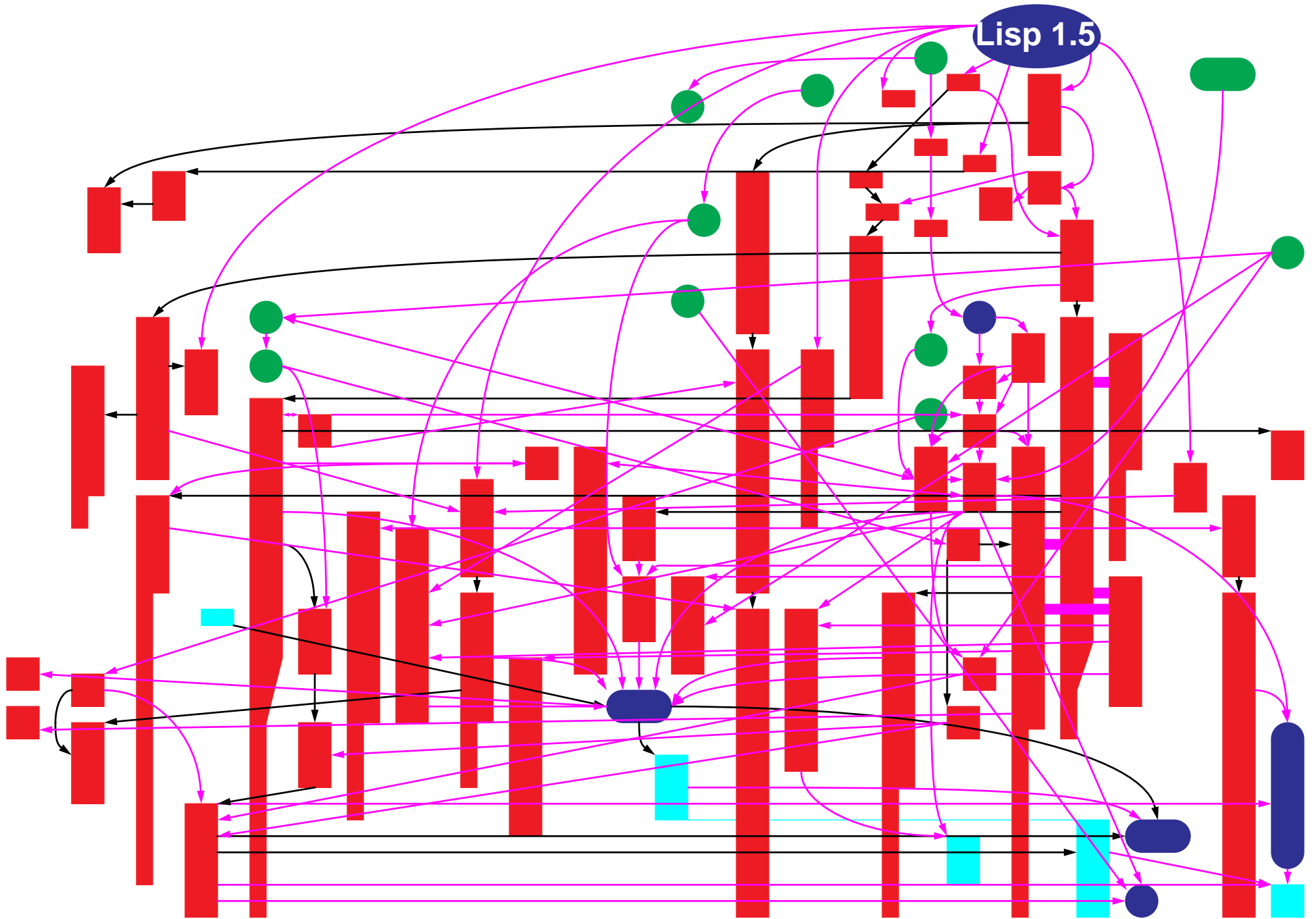




# Direct Relationships

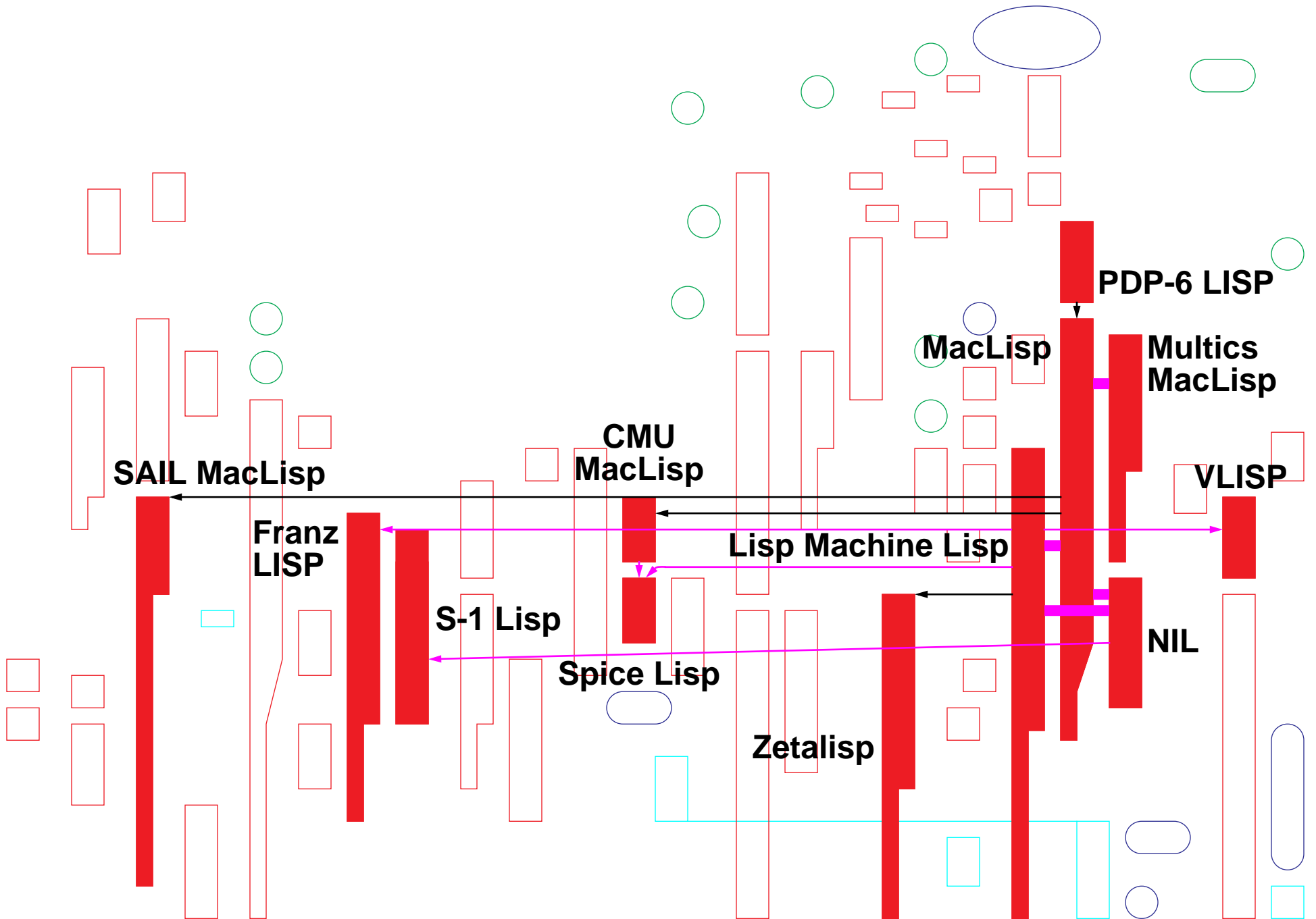


# LISP Family Graph

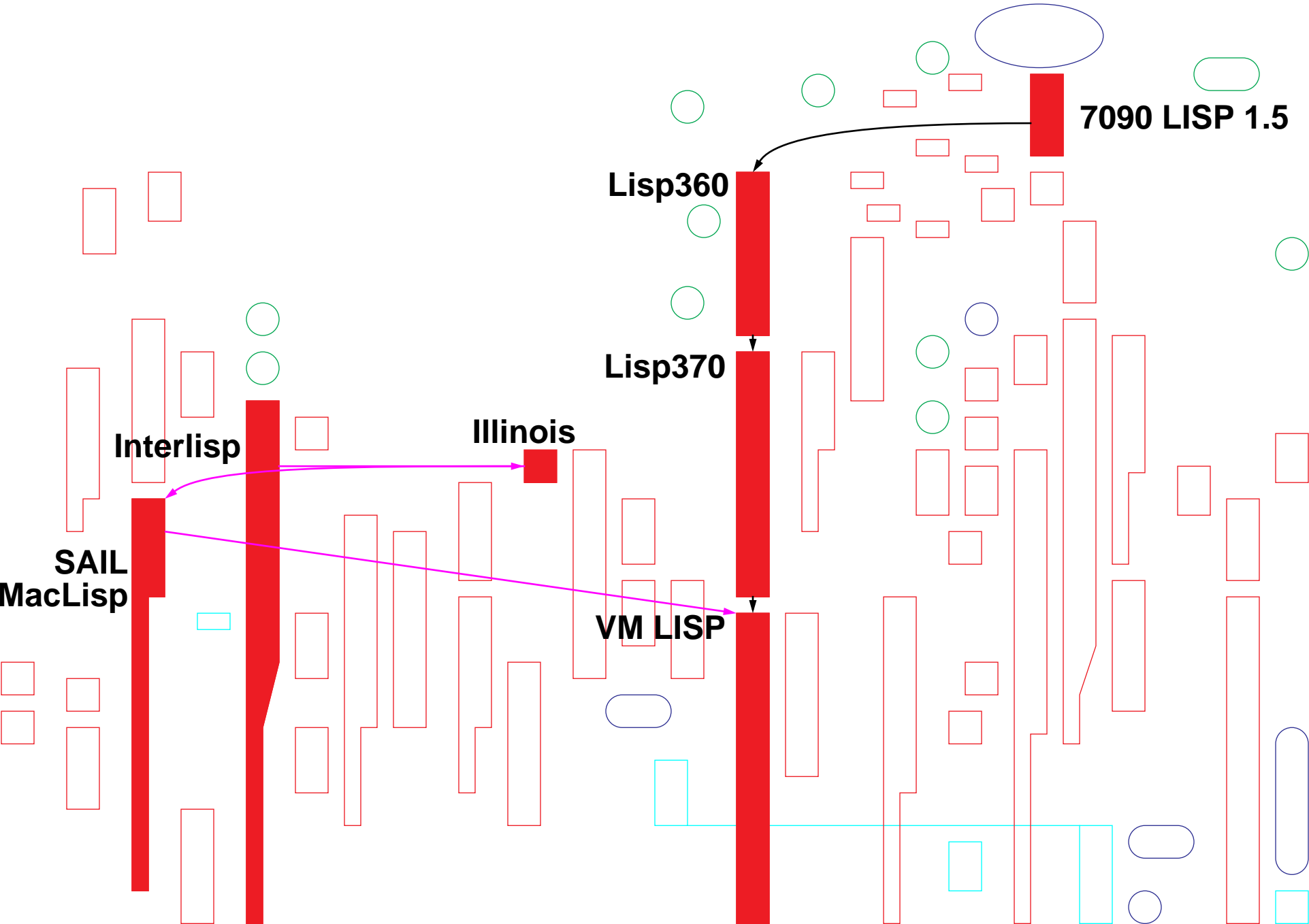




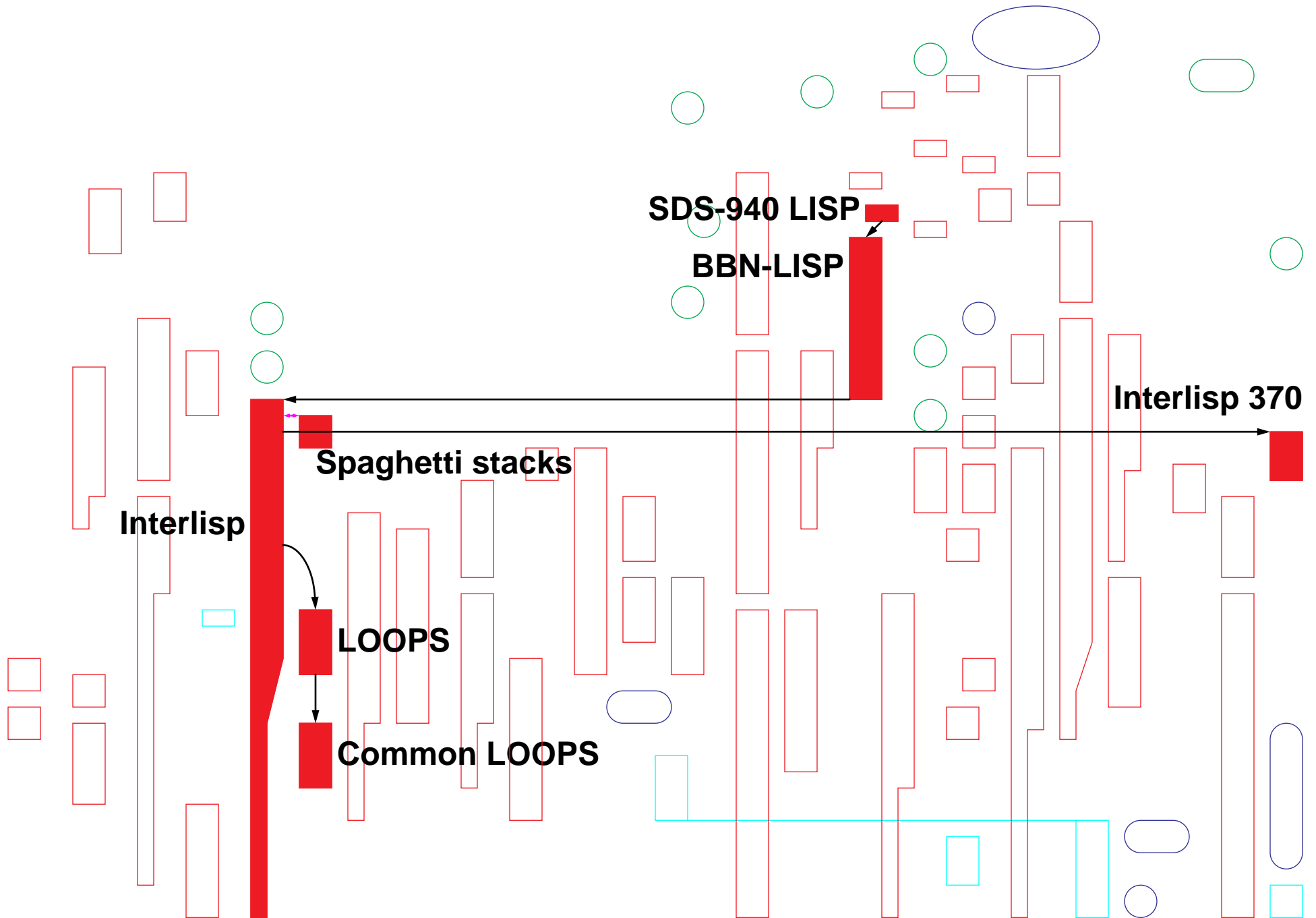
# MacLisp Family



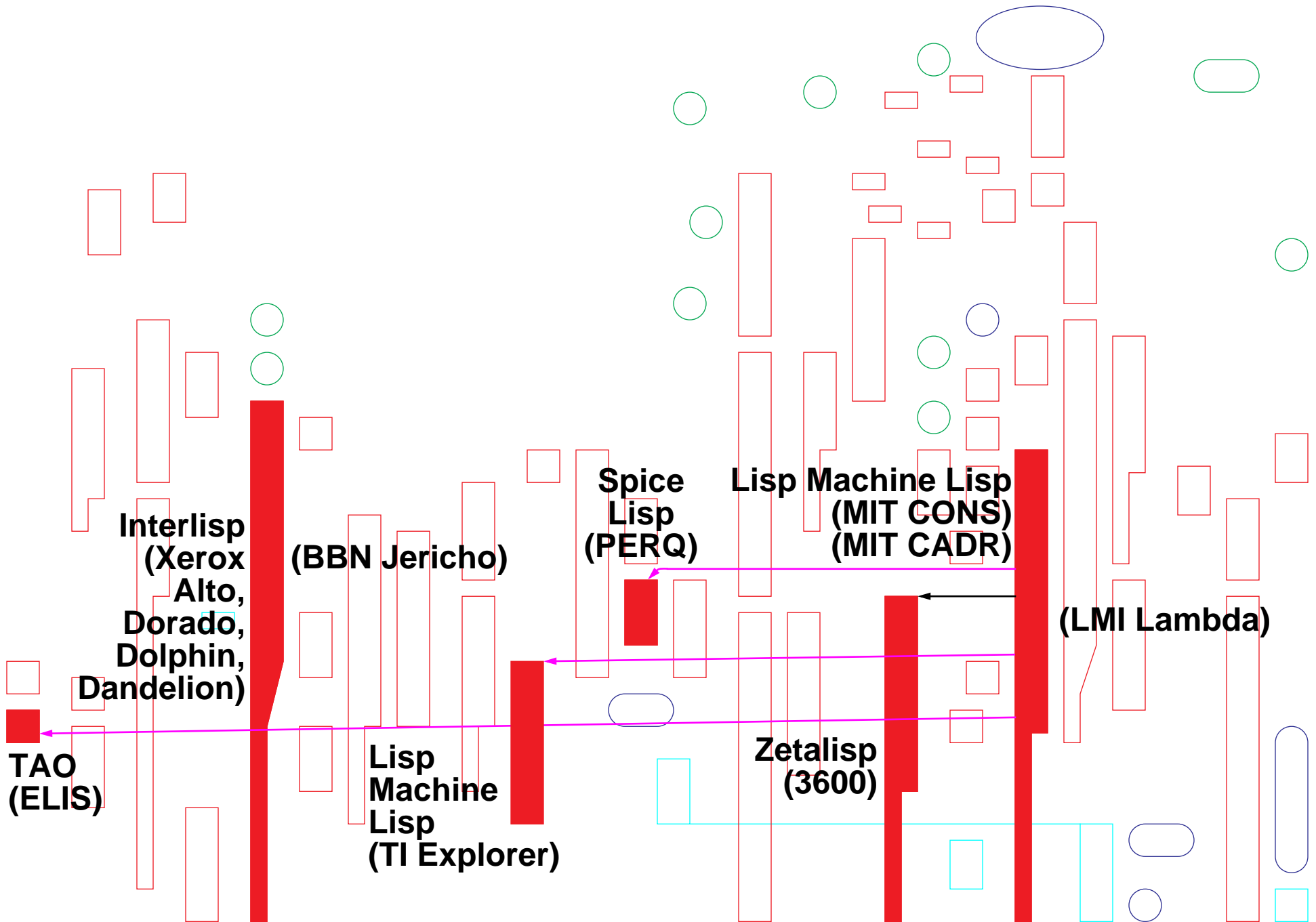
# IBM Lisp Family



# Interlisp Family

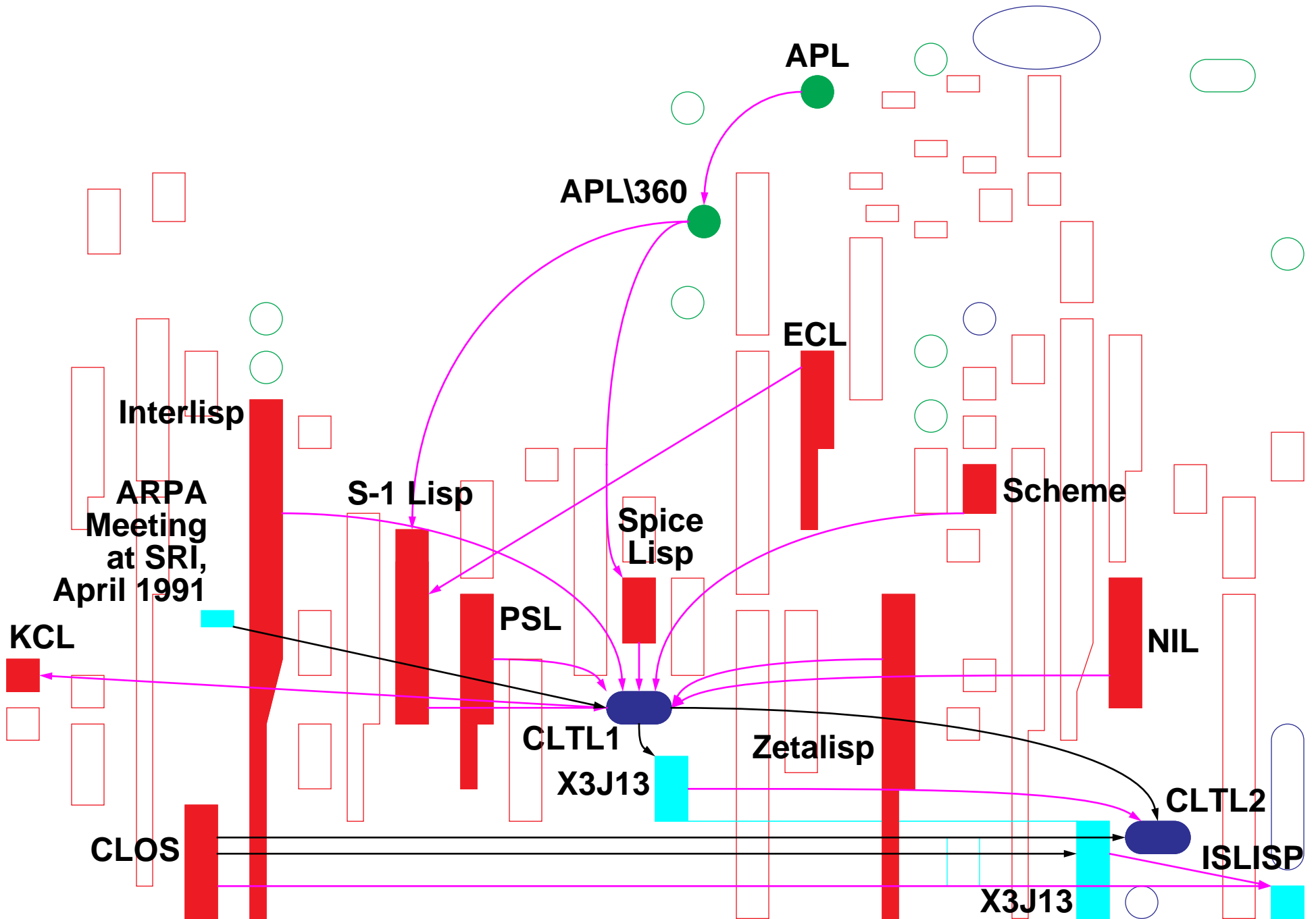


# Lisp Machines

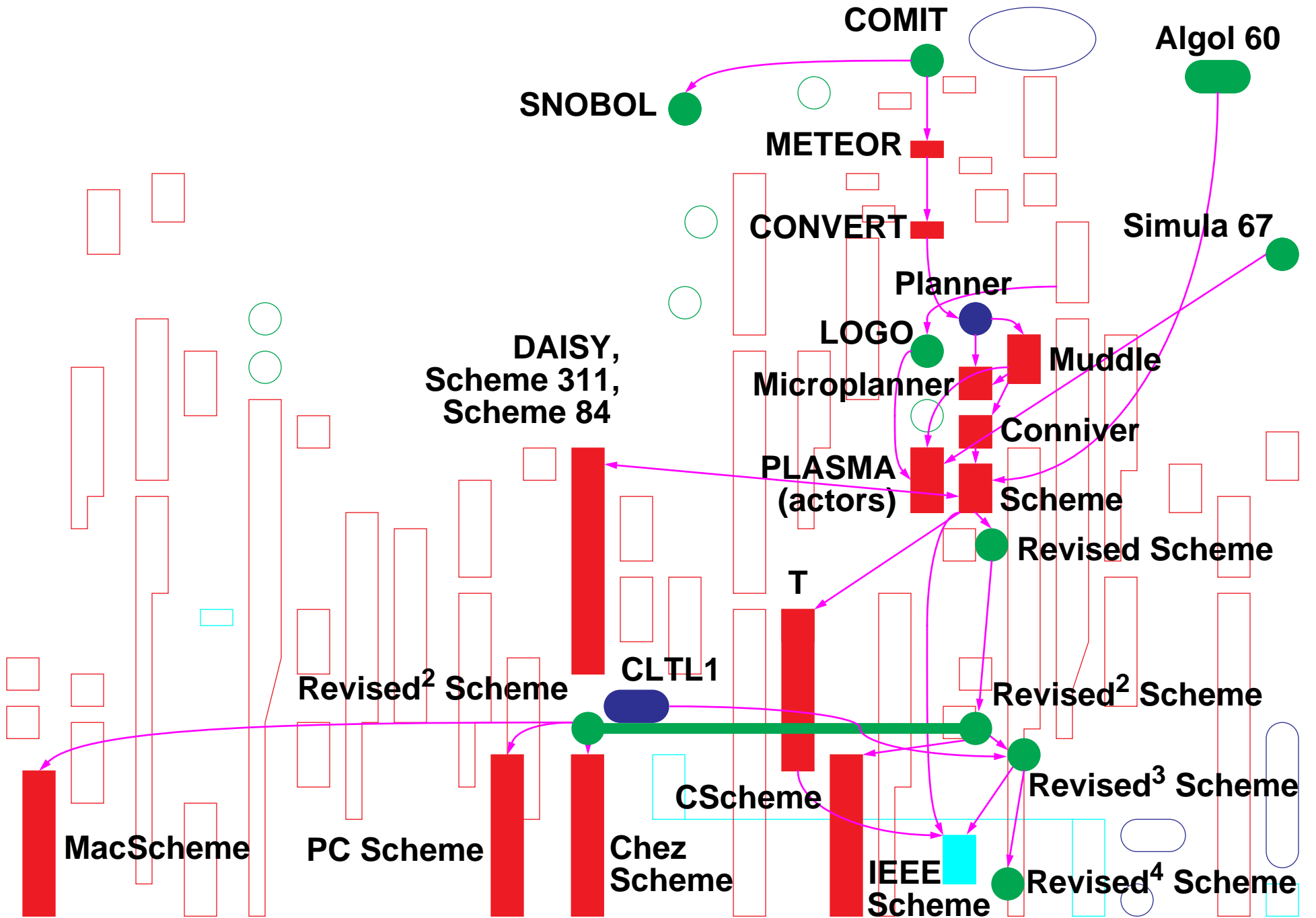




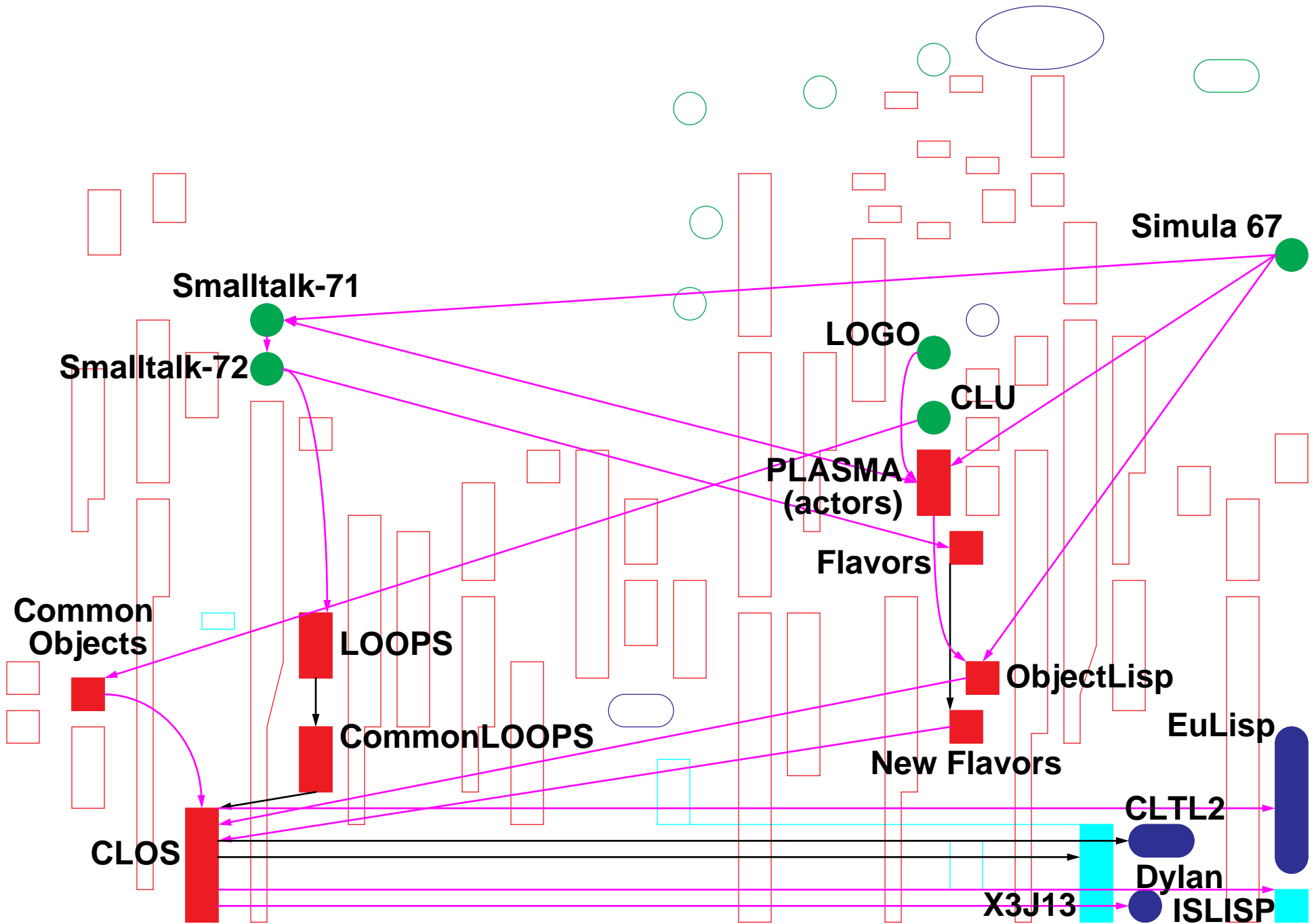
# Common Lisp Family



# Scheme Extended Family



# Object-Oriented Influence



# Lambda Calculus Influence

Church, 1941

$\lambda$

Lisp 1.5

Landin  
(SECD,  
ISWIM)

Evans (PAL)

Reynolds  
(Definitional  
Interpreters)

Lisp370

Scheme

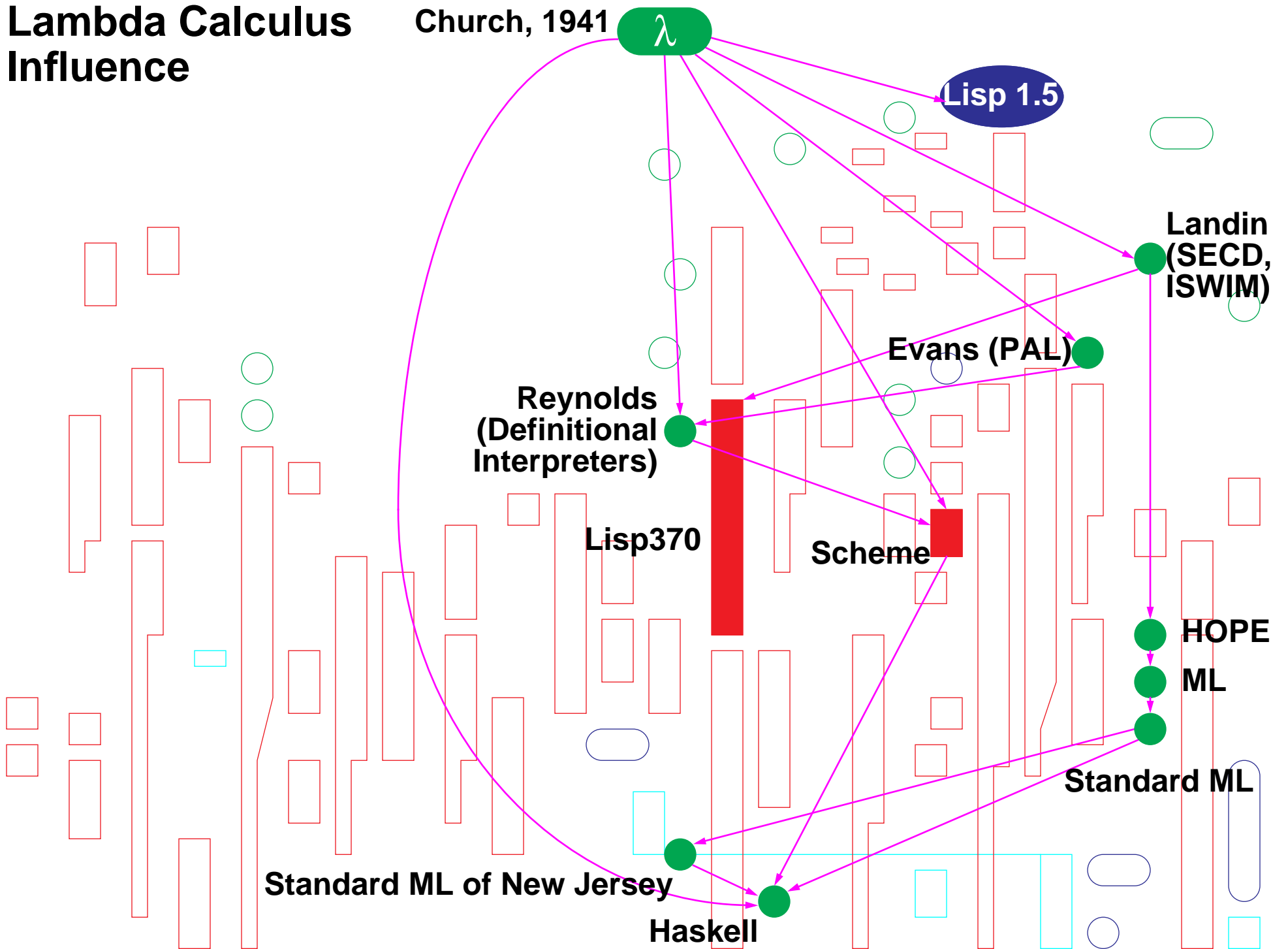
HOPE

ML

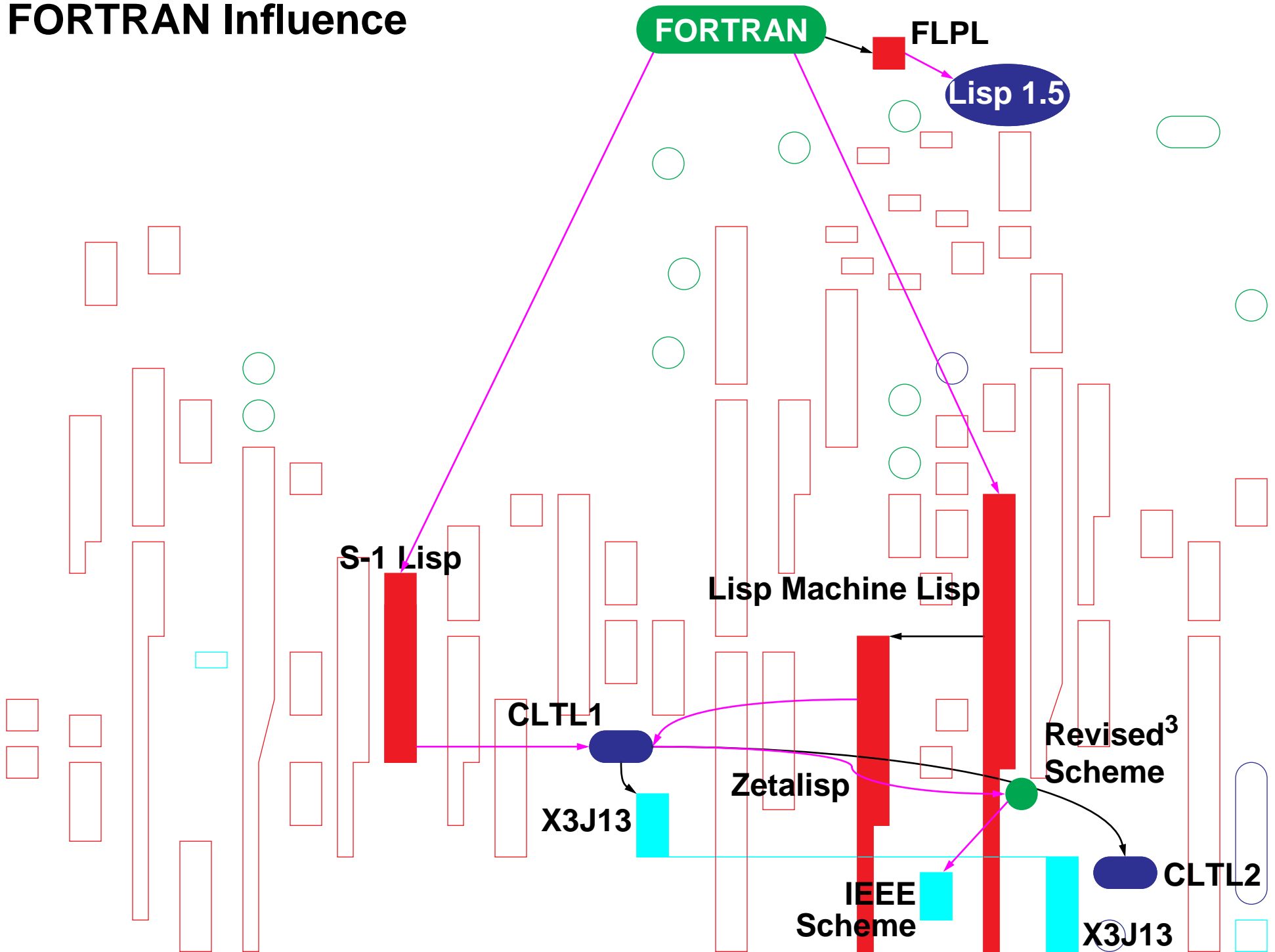
Standard ML

Standard ML of New Jersey

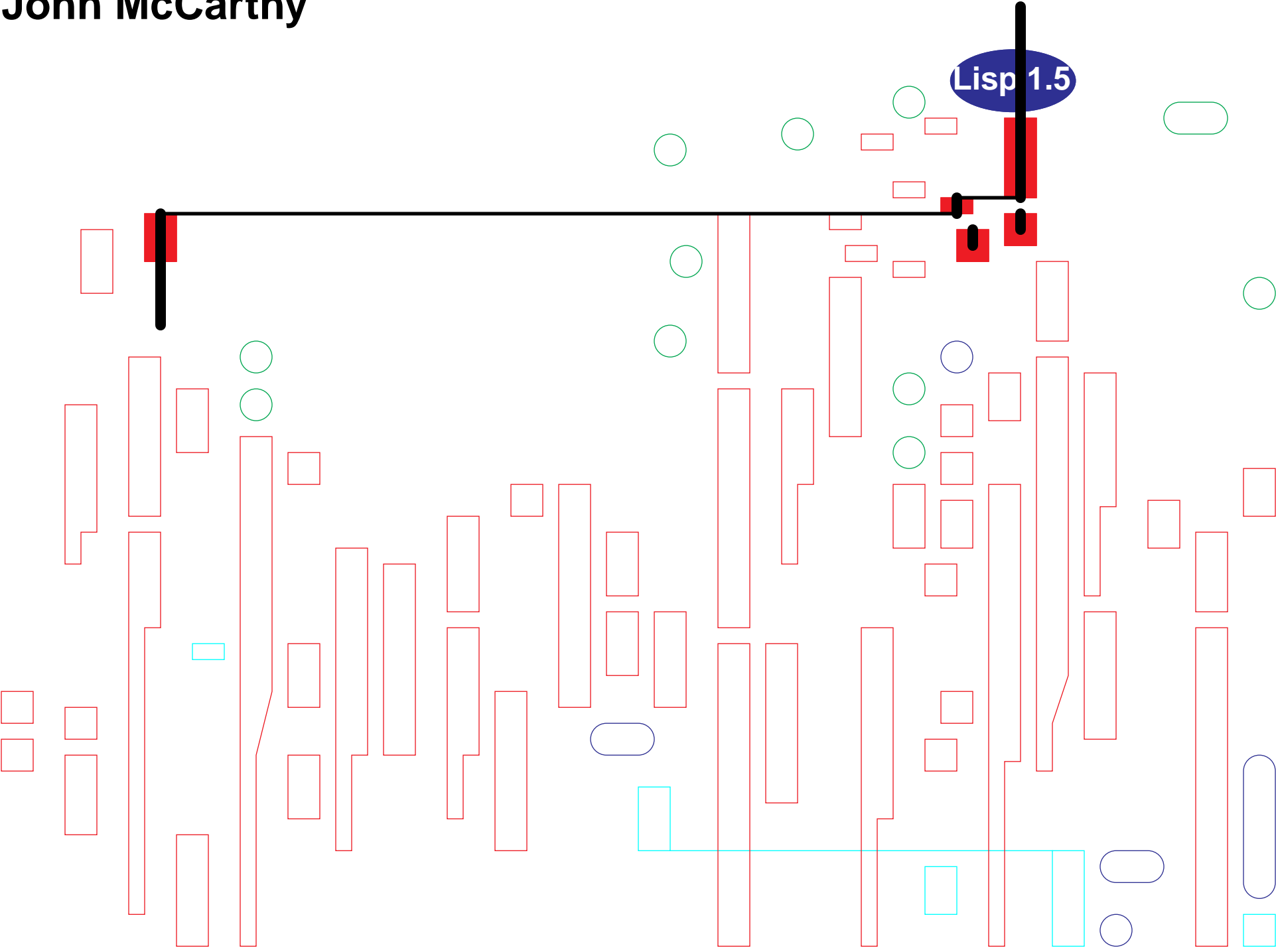
Haskell



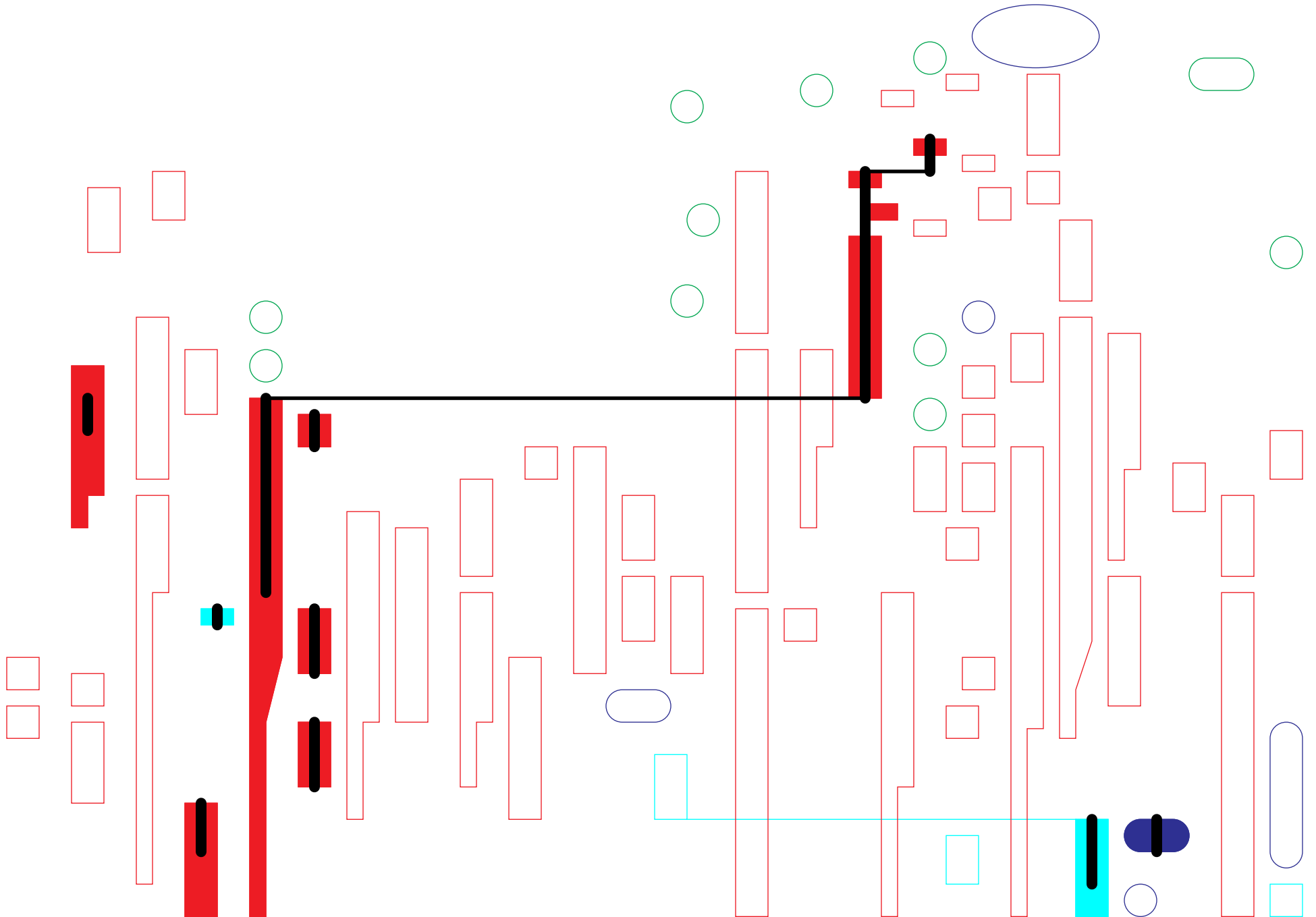
# FORTRAN Influence



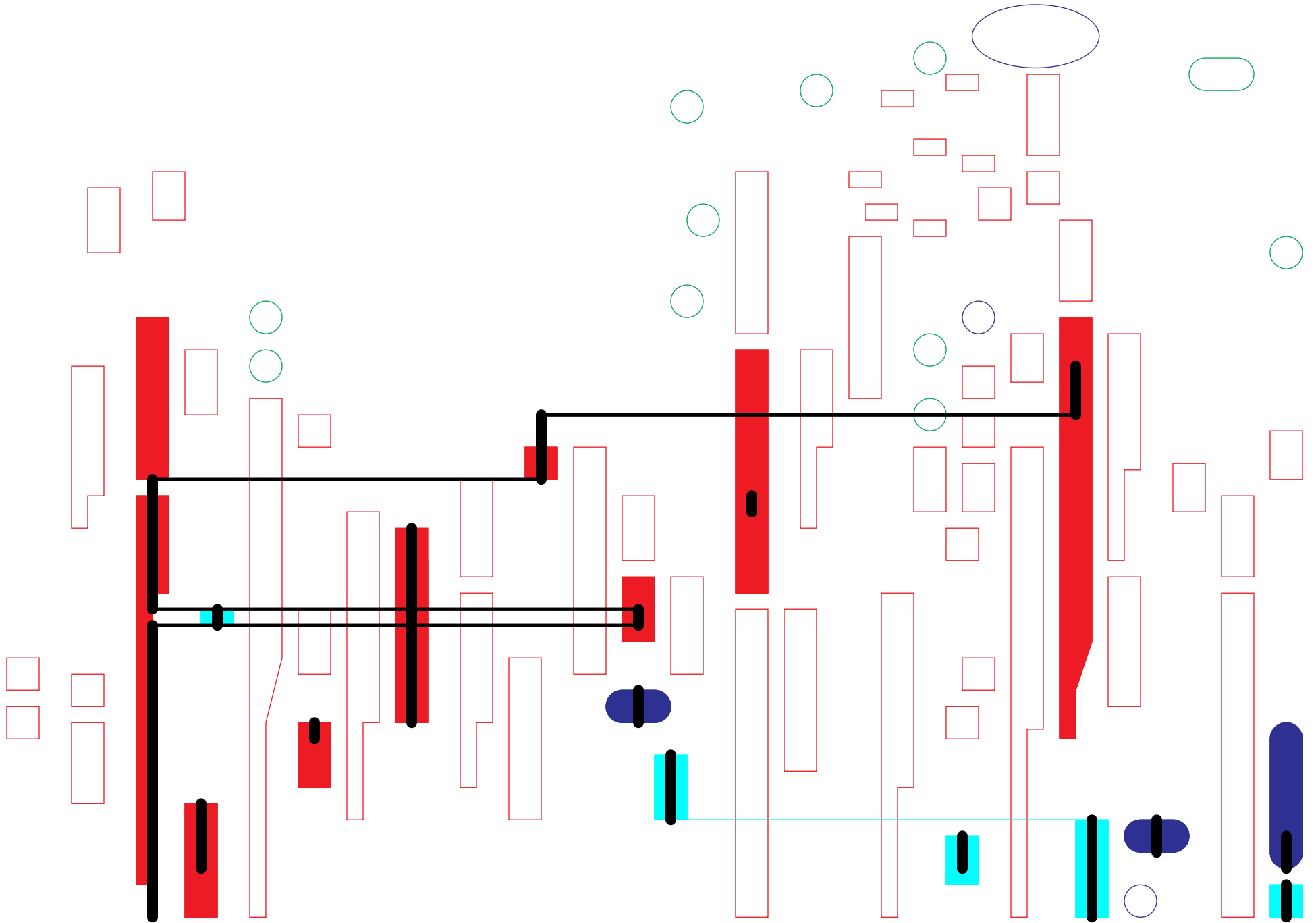
# John McCarthy



# Danny Bobrow

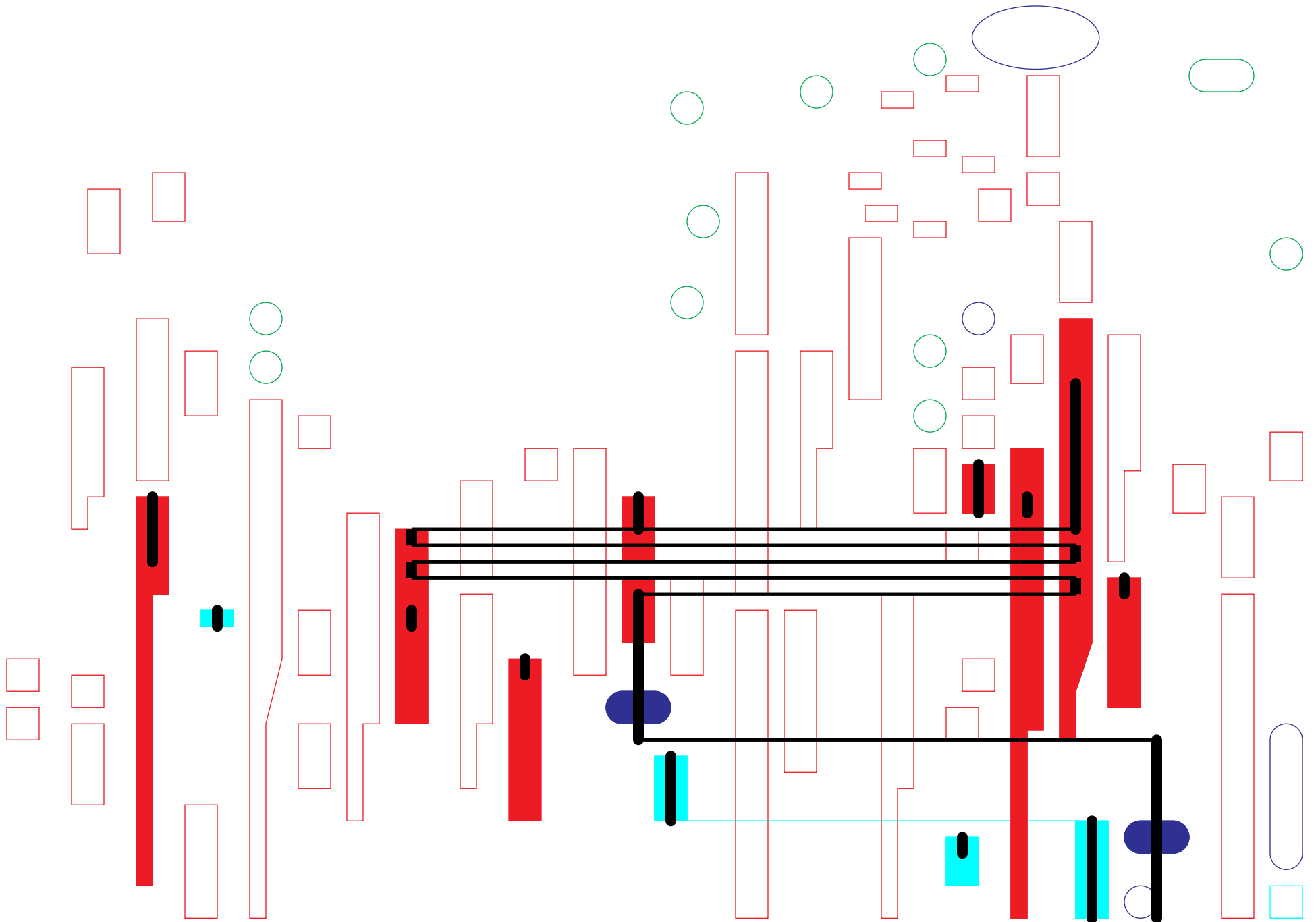


# Richard Gabriel

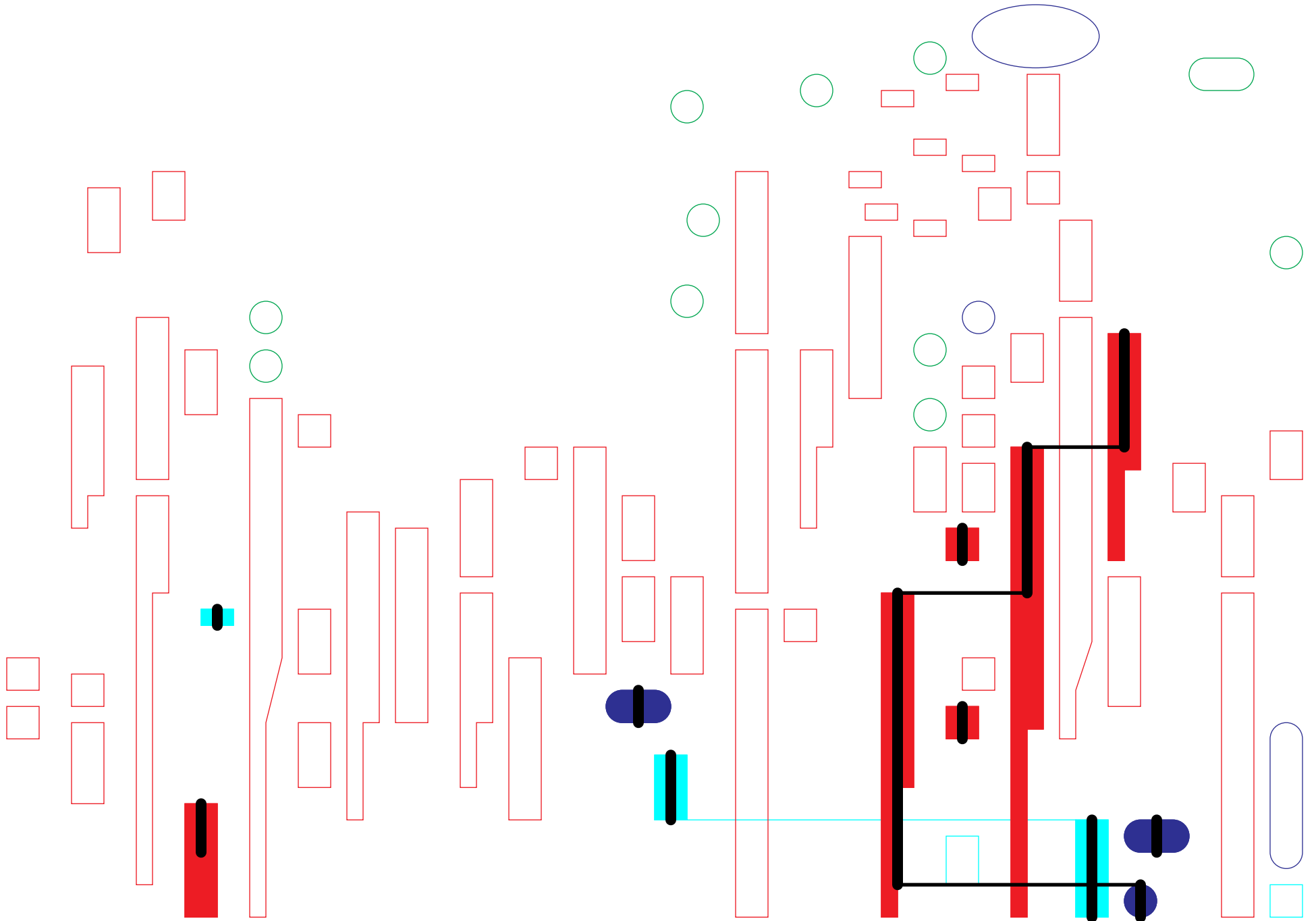




# Guy Steele



# Dave Moon



Jon L White

