



local variables us registers named places for values infinite finite arbitrary-sized word-sized compile(" x = 29") = movy % r 1 1 1 29 compiler (return x) = movy % rax, % r 1 ans' a' a' = a'!=> ans' a" their terp is bad interp Xavier Leroy : (to X86 (subset), Arm, Risku (omp Cent Agrammar: e:= in+ (read) (-e) (+ e e) | var | (let ([var e]) e)

Agrammar: e:= int | (read) | (-e) | (tee)

| van | (let ([van e]) e)

Exp [e]:= new Int (int) | new Read()

new Neg ([e]) | med Add ([exp, Exp))

nev Var (string) | new Let (string, Exp, Exp)

P:= (Program e)

- 24