· Serrion types

ALTES = ALT: KA
KES

AFTEB ((Tit); r)

Diriter: (B, FZ) Direte: (Tis) AtTZES AtTINIBITZ

A: [4 + send en ez: (B+Fn+]z; [3]

Dinte: (T1:12) A +T1~ ?Bitz A+T2 &Se

Δ; Γ r receive e: (T, - (B,Tz): Γz)

Fork

Δ: Γ1 + fork e: (Unit; Γ2)

· semon types (choice)

A HVI NTJ

Dirite: (Tis) AtT~ & (Cx: V2 & Dira: Cx + ex: (Tx; Ex)

Diffrence e of CK 2 > ex: (T1; lub(Ek))

Δ; Γ, + e: (Τ; Γ₂)

Δ: Γ, + relect (e: (Φ (C:T): Γ₂)

Nötes

· care in ornhoded: deconstructor (petterapetalis) for leterypes and for servine extend choice

· (Detergre and nerviou choice) constructors are vuigne : data D = C 1 C } not (se Norwall) data D = C } Valid (see Honkell) date E = C

date declarations in a program are collected constructor Eur I constructor Eur I washeter: Type e.g., date suthapper = Nothing I Just Int yields Nothing: Inthayles Just: Int - Tittley be

· binding de landrions, zit, in a program are collected in a Figh Error (1)

TermVar: Type ConstatuEm L. Type de danstrous are collected in a Type Varton Thypotheristype

· Expension declarations are collected in a EmpEn TermVar: Emp

The initial Type environment To contain entries for all primitive operators. E.s.,

"+" :: Int - Int - 2

"Not" :: Bool - Bool,

and all functions in the Hankell producte

E.J.,

fst :: (a, b) - a (10)

map :: (a-16) - (a) + (6]

TESTS