introduce *texpr ttype tvn tn*
introduce *targ* $=$ *ttype tvn*
foreach *nt* : *N*
   include *nt* = ≪**expand** *tn texpr** ≫
   include *nt* = ≪**if** *texpr** ≫ *nt* ≪**else**≫ *nt* ≪**endif**≫
   include *tmpl* = ≪**define** ⌊*nt*⌋ *tn targ** ≫ *nt* ≪**enddef**≫
   include *tstmt* = *nt*
   include *dn* = ⌊*nt*⌋
endfor
foreach *nt* : *M*
   fold nt_M = *nt*
   include nt_M = ≪ *texpr* ≫
   include *tstmt* = nt_M
   include *dn* = ⌊*nt*⌋
endfor
foreach *nt* : *L*
   fold nt_L = *nt*
   include nt_L = ≪**for** *tvn* **in** *texpr*≫ *nt* ≪**endfor**≫
   include *tstmt* = nt_L
endfor
introduce *tcoll* $=$ *tmpl**