```
term_typing  THM

⊢  ∀ds,da:Collection(dec()), st1:Collection(SimpleType), de:sig()
   , rho:Decl, t:Term, s:{[[ds]] rho}, e:{1of([[de]] rho)}
   , a:SimpleType, v:[[st1]] rho, tr:trace_env([[da]] rho).
   trace_consistent(rho;da;tr.proj;t) ⇒
   a ∈ term_types(ds;st1;de;t) ⇒ [[t]] e s v tr ∈ [[a]] rho
  by UnivCD THENA Auto THEN Unfold ‘member‘ 0

     THEN BackThruLemma’ ‘term_mng_equal‘ THEN Auto
END
```