```
st_app1_wf  THM

⊢  ∀s1,s2:SimpleType. st_app1(s1;s2) ∈ Collection(SimpleType)
  by Unfold ‘st_app1‘ 0 THEN Auto
THEN Unfold ‘st‘ 1 THEN TreeInd 1

     THEN Reduce 0 THEN All (Fold ‘st‘)
THEN Auto
END
```