```
Top_Inst (Top_Def)
                            Top_Inst (Top_Def)
Mid_Inst_A (Mid_Def)
                               Mid Inst A/Leaf Inst A (Leaf Def)
                               Mid Inst A/Leaf Inst B (Leaf Def)
  Leaf_Inst_A (Leaf_Def)
   Leaf_Inst_B (Leaf_Def)
                               Mid Inst A/Leaf Inst C (Leaf Def)
   Leaf_Inst_C (Leaf Def)
                               Mid Inst B/Leaf Inst A (Leaf Def)
Mid Inst B (Mid Def)
                               Mid Inst B/Leaf Inst B (Leaf Def)
  Leaf Inst A (Leaf Def)
                               Mid Inst B/Leaf Inst C (Leaf Def)
  Leaf_Inst_B (Leaf Def)
                               Mid Inst C/Leaf Inst A (Leaf Def)
   Leaf Inst C (Leaf Def)
                               Mid Inst C/Leaf Inst B (Leaf Def)
                               Mid Inst C/Leaf Inst C (Leaf Def)
Mid_Inst_C (Mid_Def)
   Leaf Inst A (Leaf Def)
   Leaf_Inst_B (Leaf Def)
   Leaf Inst C (Leaf Def)
```