```
g_eq_wf  THM

⊢  ∀V1,V2,T:Type, G1:Grammar(V1;T), G2:Grammar(V2;T). G1 = G2 ∈ Prop
| by Unfold ‘g_eq‘ 0 THEN Unfold ‘lang_eq‘ 0 THEN Unfold ‘g_lang‘ 0
|    THEN
|    UnivCD
|
1. V1 : Type
2. V2 : Type
3. T : Type
4. G1 : Grammar(V1;T)
5. G2 : Grammar(V2;T)
⊢  (∀l:(Void+T)*. (λl.[S] ⇒ l)(l) ⟺ (λl.[S] ⇒ l)(l)) ∈ Prop
| by Analyze
|
|\
| ⊢  (Void+T)* ∈ Type  by Auto
|
.\
. 6. l : (Void+T)*
. ⊢  ((λl.[S] ⇒ l)(l) ⟺ (λl.[S] ⇒ l)(l)) ∈ Prop
.   by Reduce 0
.      THEN
.      Inst Thm* ∀l:(Void+T)*. l ∈ (V+T)*    {void_union_list}
.      [V1;T;l]
.      THEN
.      Inst Thm* ∀l:(Void+T)*. l ∈ (V+T)*    {void_union_list}
.      [V2;T;l]
END
```