```
void_union_lang  THM

⊢  ∀V,T:Type, L:LangOver(V+T). L ∈ LangOver(Void+T)
| by Unfold ‘languages‘ 0 THEN UnivCD
|
1. V : Type
2. T : Type
3. L : (V+T)*→Prop
⊢  L ∈ (Void+T)*→Prop  by FunExtensionality
|
4. x : (Void+T)*
⊢  L(x) ∈ Prop  by Analyze
|
|\
| ⊢  L ∈ (V+T)*→Prop  by Trivial
|
.\
. ⊢  x ∈ (V+T)*
.   by BackThru: Thm* ∀l:(Void+T)*. l ∈ (V+T)*    {void_union_list}
END
```