```
nat_wf_stype  THM

⊢  ℕ ∈ S  by Unfolds [‘nat‘] 0
|
⊢  {i:ℤ| 0≤i } ∈ S
| by Unab [‘stype‘] THEN StrongAuto
|    THEN
|    Try (Complete (Unfold ‘label‘ 0))
|
⊢  {i:ℤ| 0≤i } ∈ {T:Type| ∃x:T. True }
| by Analyze THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
.....set predicate .....
⊢  ∃x:{i:ℤ| 0≤i }. True
  by DTerm 0 0 THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
END
```