```
fpf-single-dom  THM

⊢  ∀A:Type, eq:EqDecider(A), x,y:A, v:Top. x ∈ dom(y : v) ⟺ x = y
| by UnivCD
|
1. A : Type
2. eq : EqDecider(A)
3. x : A
4. y : A
5. v : Top
⊢  x ∈ dom(y : v) ⟺ x = y
| by Unfolds [‘fpf-dom‘;‘fpf-single‘] 0 THEN Reduce 0
|    THEN
|    RW assert_pushdownC 0
|
1. A : Type
2. eq : EqDecider(A)
3. x : A
4. y : A
5. Top
⊢  eqof(eq)(y,x) ∨ False ⟺ x = y
  by RWO "deq_property<" 0 THEN SplitOrHyps THEN OrLeft
END
```