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ma-pre_wf  THM

⊢  ∀M:MsgA, a:Id, s:M.state, v:M.da(locl(a)). M.pre(a,s,v) ∈ Prop
| by All_MsgA THEN Unfold ‘fpf-val‘ 0
|
.....subterm .....
1. ds : x:Id fp-> Type
2. da : a:Knd fp-> Type
3. x:Id fp-> ds(x)?Void
4. pre : a:Id fp-> State(ds)→ma-valtype(da; locl(a))→Prop
5. kx:Knd×Id fp-> State(ds)→ma-valtype(da; 1of(kx))→ds(2of(kx))?Void
6. kl:Knd×IdLnk fp-> (tg:Id
                      ×State(ds)→ma-valtype(da; 1of(kl))→
                      (da(rcv(2of(kl); tg))?Void List)) List
7. x:Id fp-> Knd List
8. ltg:IdLnk×Id fp-> Knd List
9. Top
10. a : Id
11. State(ds)
12. v : da(locl(a))?Top
13. a ∈ dom(pre)
⊢  v ∈ ma-valtype(da; locl(a))  by Unfold ‘ma-valtype‘ 0
END
```