ma-single-pre-init-feasible[0,22]

$\forall a$:Id, T:Type, ds:x:Id fp$\rightarrow$ Type, P:(State(ds)$\rightarrow T \rightarrow$Prop), $init$:x:Id fp$\rightarrow$ $ds(x)$?Void.
T
$\Rightarrow$ AtomFree(Type;T)
$\Rightarrow \forall x \in$dom($ds$). A=$ds(x) \Rightarrow A$
$\Rightarrow \forall x \in$dom($ds$). A=$ds(x) \Rightarrow$ AtomFree(Type;A)
$\Rightarrow$ ($\forall s$:State(ds). Dec($\exists v$:T. $P(s,v)$))
$\Rightarrow$ Feasible(with ds: ds init: $init$action a:T precondition a(v) is P)

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/
p13_344338_{ma-single-pre-init-feasible}.html