pre-rule[11,40]

$\forall i$, a:Id, q:FinProbSpace, ds:x:Id fp→ Type, P:(State(ds)→ $\mathbb{B}$).
@i (with ds: ds
    action a:q
    precondition a is
    P s)
realizes es.
@i Precondition for a:Outcome(q) is
    P:State(ds)→ $\mathbb{B}$

http://www.nuprl.org/FDLcontent/p0_963683_/p70_483354_{pre-rule}.html