Let $PERSON$ be the set of all people: [PERSON]. A 'club' has a set of members and a president, who must be a member: Club members: PERSON president: PERSON president $\subseteq members$ To enroll somebody in the club, we just add them to the set of members: Enroll $\Delta Club$

$new? : PERSON members' = members \cup new?$

$president' = president$ The president doesn't change when a new member is enrolled.