

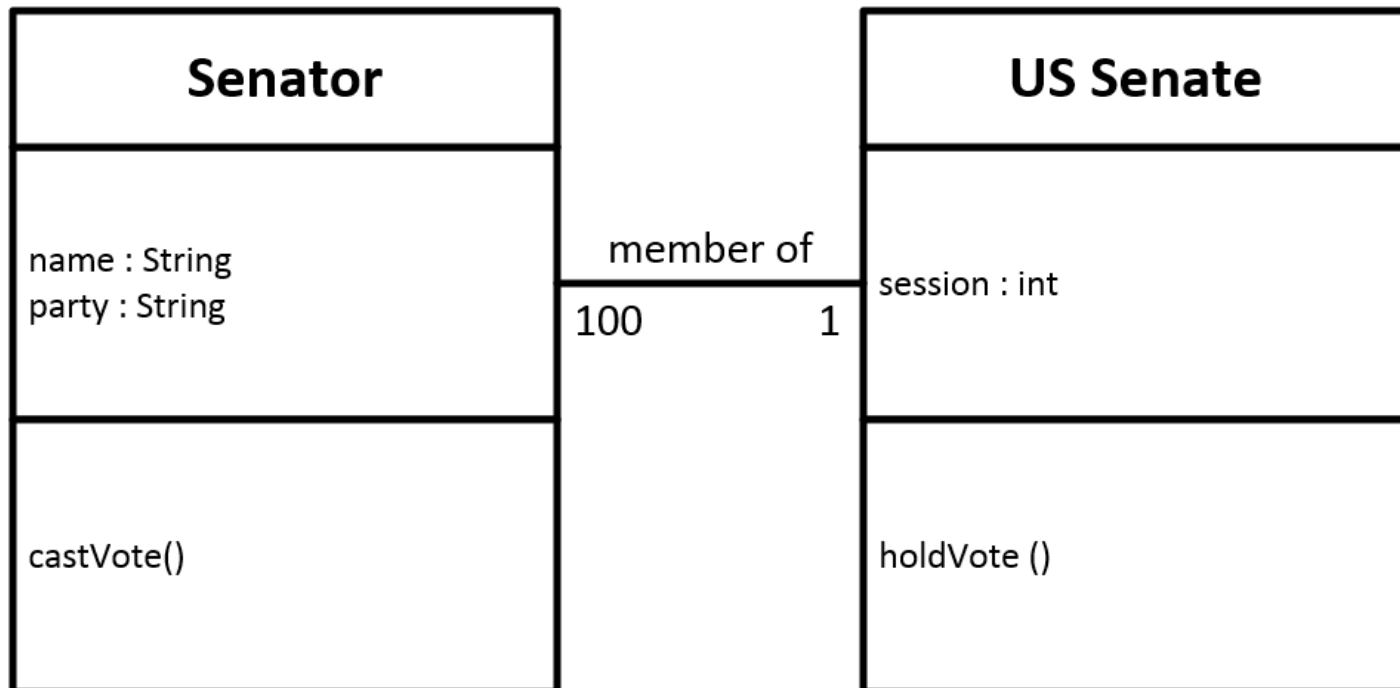


Association Adornments

- Multiplicity
- Roles
- Comments

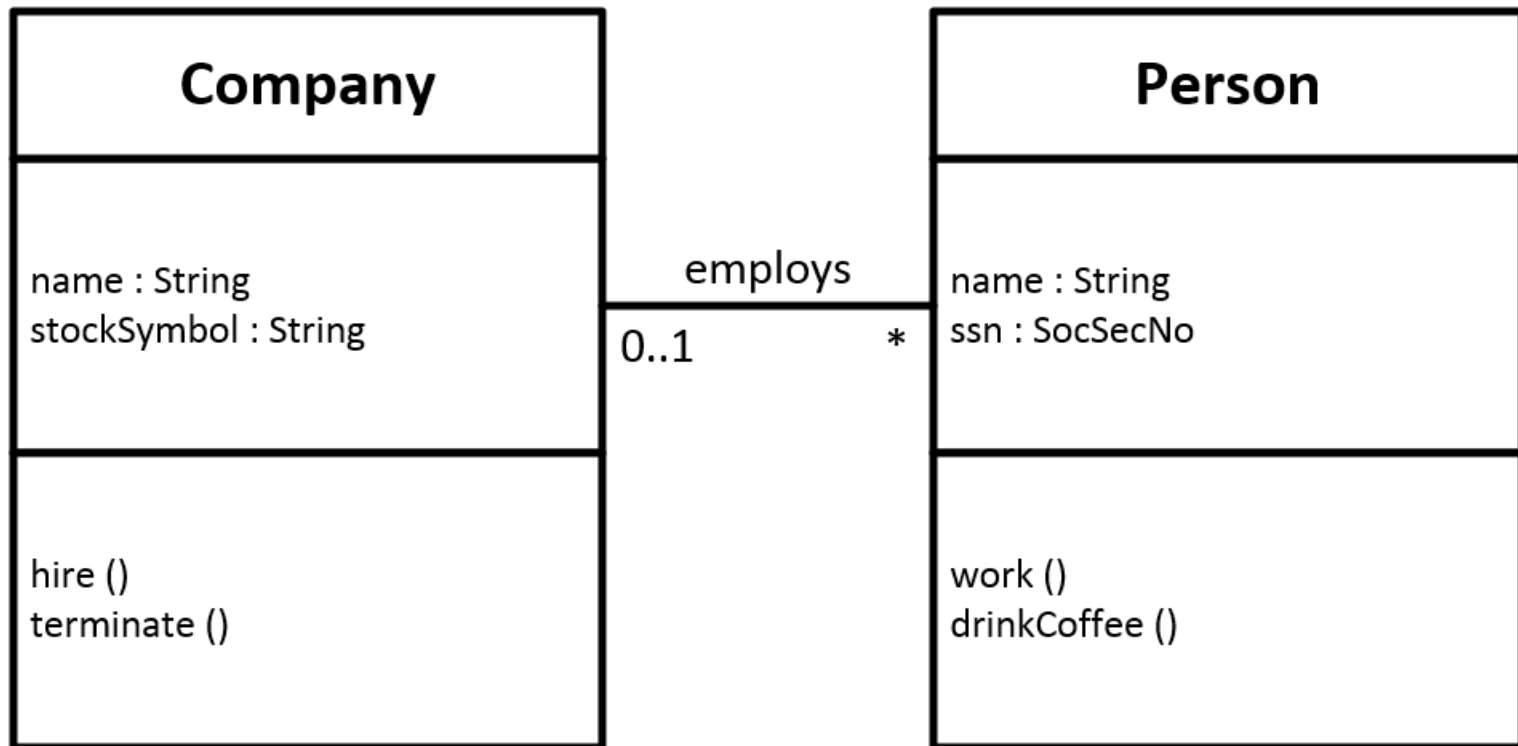


Multiplicity: Fixed



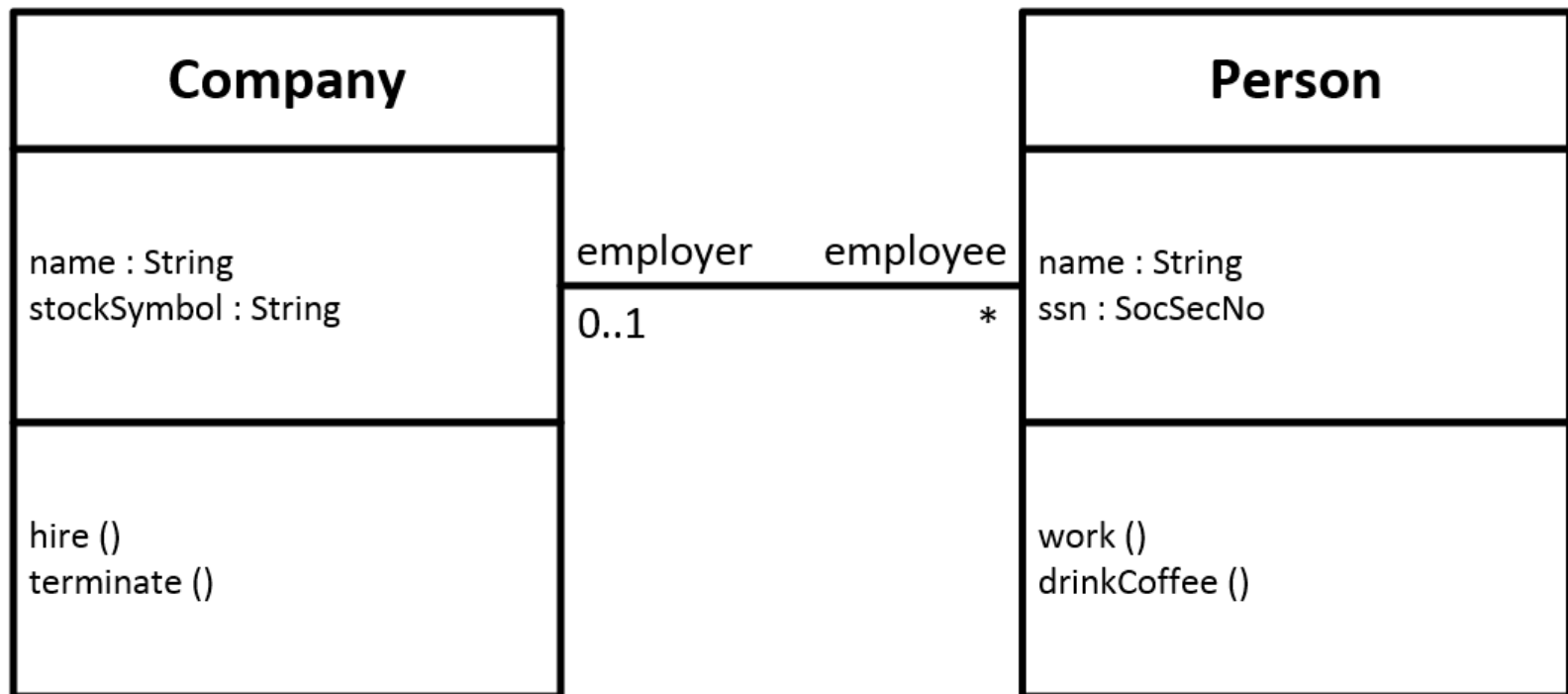


Multiplicity: Range





Roles





UML Comments

- Written inside curly braces {like this}
- Or inside dog-eared boxes
- Constraints restrict data
 - Attributes
 - Links



Like this



Constraint Semantics

- Must be true when object is instantiated
- Operations must preserve the constraints



Next

- Composition

