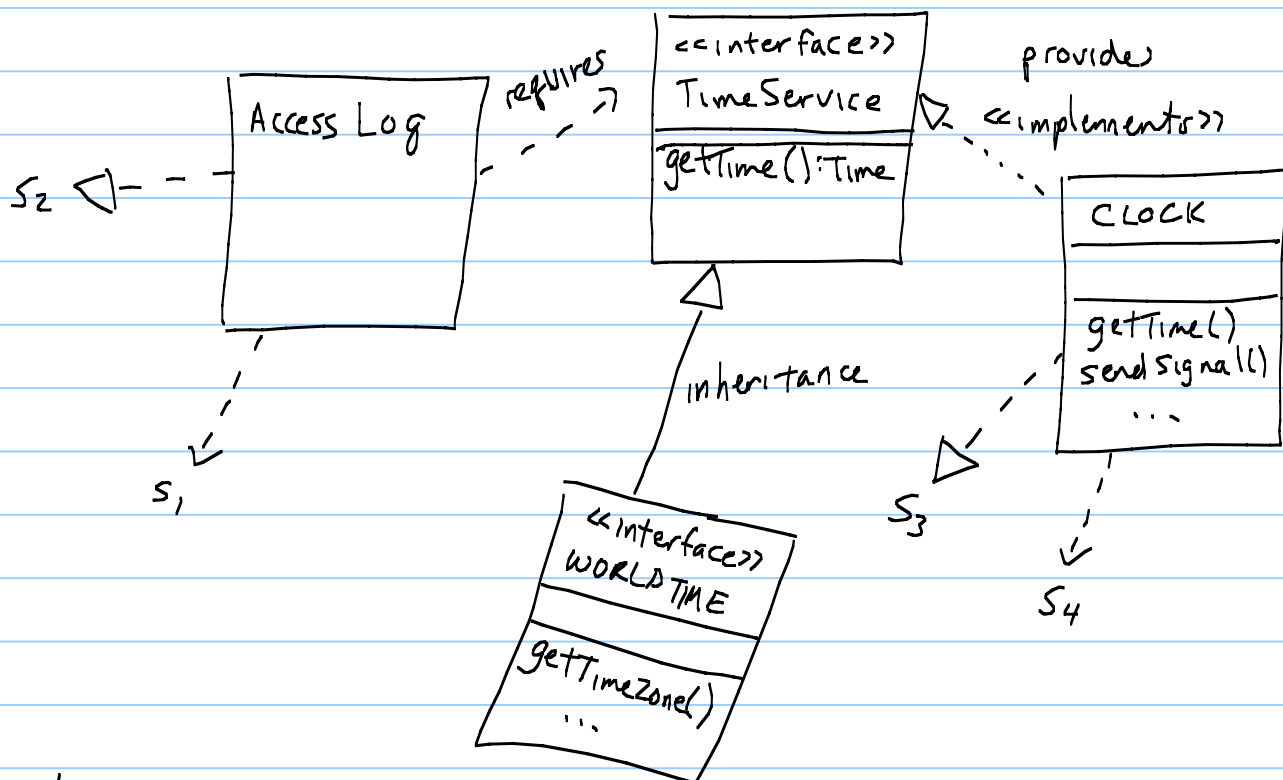


—(requires service (interface) O— provides service (interface)

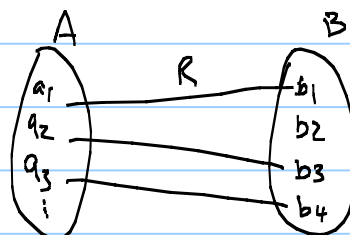


Inheritance is okay here.

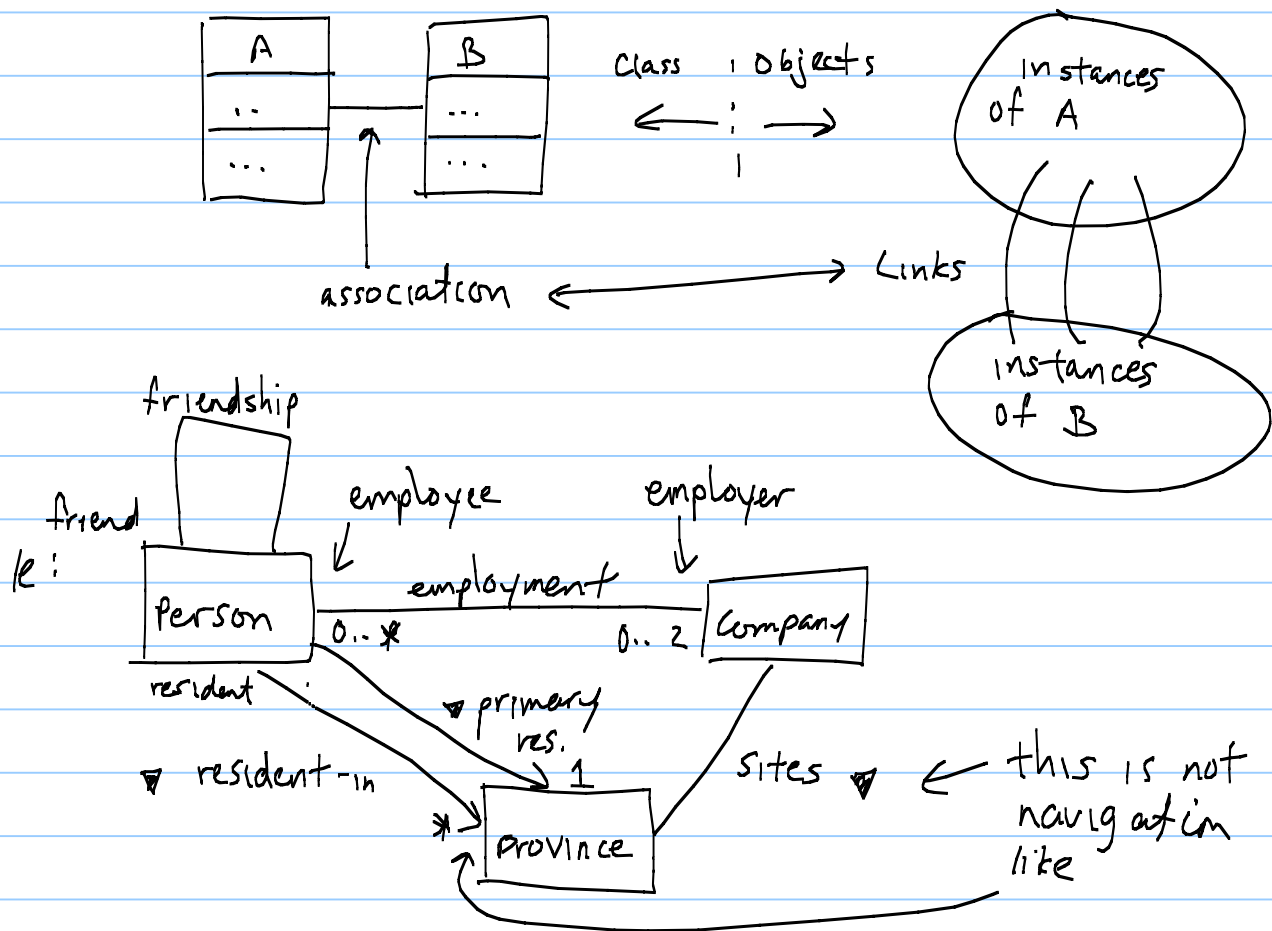
Associations

like a relation in math:

$$R \subseteq A \times B$$



As Class/object diagram:



▼ means which direction to read diagram in.
 person is a resident-in province
 NOT province is a resident-in person

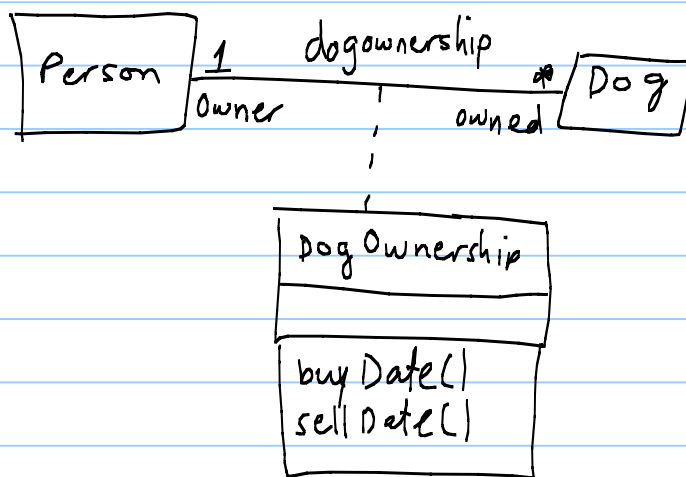
Can put roles at end of connectors (ie resident, employee, ...)

Numbers @ end of connectors means cardinality (multiplicity). (ie: a person works for 2 companies) (a company has 0 or more employees)

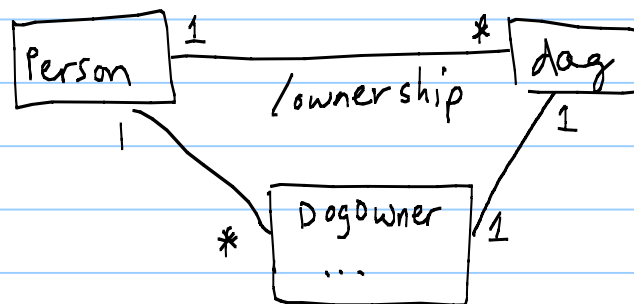
Person has 2 associations to province, this is allowed.

Association names are usually nouns, not verbs!

We can have association classes e:



Same as



/ownership means it is derived from other relations