**Accessibility/visibility/override ability modifiers**

final:

– prevents inheritance from the unit

**final unit** A

**end**

**unit** B **extend** A // Validity error

**end**

* Prevents overriding the unit member

**unit** A

**final** foo () **do end**

**final** goo: **as this**

**end**

protected - own: {}

* prevents access to this unit member from clients of the unit, ancestors have full access

**unit** A

{} foo () **do end**

{} goo: **as this**

too **do**

foo ()

goo := **this**

**end**

**end**

**unit** B **extend** A

rtn () **do**

foo ()

goo := **this**

**end**

**end**

a **is** A

a.foo () // validity error!

private - hidden: {this}

* prevents access to this unit members from all ancestors of this unit and all its clients

**unit** A

**{this}** foo **do end**

**{this}** goo: **as this**

too **do**

foo ()

goo := **this**

**end**

**end**

**unit** B **extend** A

rtn **do**

foo () // Validity error!

goo := **this** // Validity error!

**end**

**end**

a **is** A

a.foo () // Validity error!