UBL Order

ubl:OrderImpl

Header

ubl:HeaderImpl

Address

ubl:AddressImpl

Street

xs:string

CountryCode

ubl: CountryCodeImpl

Company X Order

ubl:OrderImpl

Header

ubl:HeaderImpl

Address

companyX:AddressImpl

Street

xs:string

CountryCode

ubl: CountryCodeImpl

POBox

xs:string

Company Y Order

ubl:OrderImpl

Header

ubl:HeaderImpl

Address

companyY:AddressImpl

Street

xs:string

POBox

xs:string

CountryCode

ubl: CountryCodeImpl

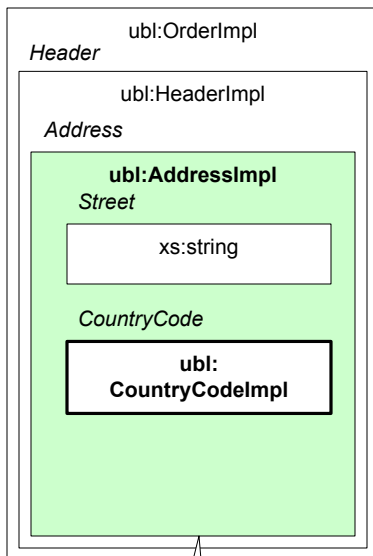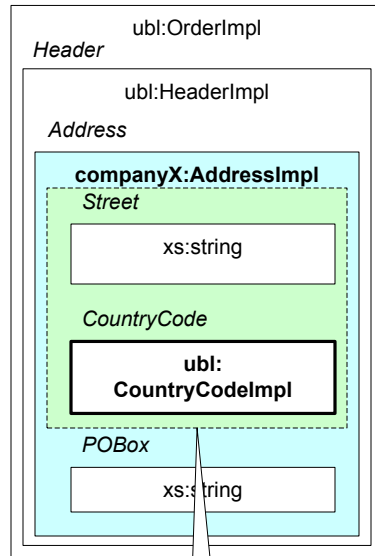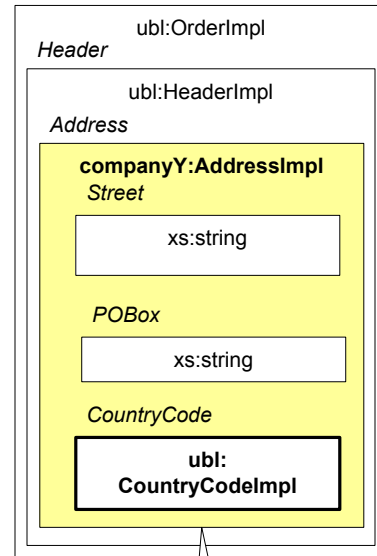
This UBL order instance document contains an instance of the UBL address *implementation* type. That element (in the instance document) contains an instance of the UBL CountryCode *implementation* type.

Company X's address type is derived from the UBL address implementation type — it inherits Street and CountryCode elements and adds a POBox element. This Company X order document contains an instance of that derived address type, which in turn contains an instance of the (unaltered) UBL CountryCode implementation type. **The UBL CountryCode implementation type has *tunneled* through an intermediate non-UBL type** (companyX:AddressImpl).

Company Y's address type is derived from the UBL address *interface* type — it inherits no elements, but defines Street, POBox and CountryCode elements. This Company Y order document contains an instance of that derived address type, which in turn contains an instance of the (unaltered) UBL CountryCode *implementation* type. **The UBL CountryCode implementation type has *tunneled* through an intermediate non-UBL type** (companyY:AddressImpl).