Conversion rules UML to OWL

Simple Class	Declaration (Class(:A))
A	
Class with primitive Type Attribute	If p_Type is a String:
A + Attr: p_Type	Declaration(DataProperty (: Attr)) DataPropertyDomain(:Attr :A) DataPropertyRange(:Attr xsd:String) Use native OWL Datatypes for the DataPropertyRange
Examples for p_Type:	
Class with Custom Type Attribute	Declaration (Class(:A)) Declaration (Class(:c_Type))
A c_Type + Attr: c_Type + Attr1: String + Attr2: Integer	Declaration (DataProperty(:Attr1)) DataPropertyDomain(:Attr1 :c_Type) DataPropertyRande(:Attr1 xsd:String) Declaration (DataProperty(:Attr2))
	DataPropertyRande(:Attr2 :c_Type) DataPropertyRande(:Attr2 xsd:String)
	Declaration (ObjectProperty(:Attr)) ObjectPropertyDomain(:Attr:A) ObjectPropertyRange(:Attr:c_Type)



