

OWL Element	Symbol	Syntax	Example	Meaning of example
allValuesFrom	\forall	\forall property.Class	\forall children.Male	All children must be of type Male
someValuesFrom	\exists	\exists property.Class	\exists children.Lawyer	At least one child must be of type Lawyer
hasValue	\ni	property \ni individual	rich \ni true	The rich property must have the value true
cardinality	=	= number property	=3 children	There must be exactly three children
minCardinality	\geq	\geq number property	≥ 3 children	There must be at least three children
maxCardinality	\leq	\leq number property	≤ 3 children	There must be at most three children
complementOf	\neg	\neg Class	\neg Parent	Anything that is not of type Parent
intersectionOf	\sqcap	Class1 \sqcap Class2	Human \sqcap Male	All Humans that are Male
unionOf	\sqcup	Class 1 \sqcup Class2	Doctor \sqcup Lawyer	Anything that is either a Doctor or a Lawyer
enumeration	{...}	{Individual1 Individual2 ...}	{John Alice}	The individuals John or Alice