

Property Creation Rules:

1. A property class is any class that does NOT extend from Identifiable at any point in its inheritance chain and is not a primitive (<http://lion.ddialliance.org/package/primitives>) (e.g, xs:string, xs:anyURI).
2. An enumeration list is a specialized form of a property class which provides either a regular expression or list of allowed enumeration values. Lion refers to this as a Datatype under the Add Content screen. If you do not have an option for creating this type of object file a request with the Modeling Team (JIRA list DMT) and it will be entered for you.
3. All non-abstract property classes MUST reside in the package ComplexDataTypes (<http://lion.ddialliance.org/package/complexdatatypes>)
4. All ABSTRACT property classes that are part of a pattern should reside in the package of that pattern. Abstract means that the modeler will need to realize the class in order to make use of it in the model.
5. When creating an Abstract property class, check isProperty on the edit screen when creating the class this will allow you to select it as a Datatype when creating other classes.
 - a. Note that some ComplexDataTypes have the isProperty UNCHECKED. This was done to prevent the use of the data type outside of a very specific usage (for example, a LanguageSpecificString can ONLY be used by InternationalString, users should select InternationalString as the property datatype within other classes).

Failure to follow these rules causes major issues in the automated creation of the bindings. Please follow them and notify the Modeling Team if you see content which does not follow these rules.