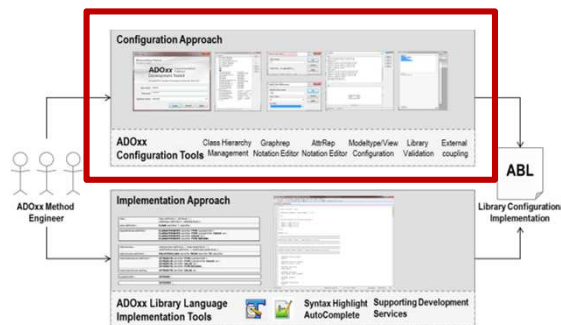
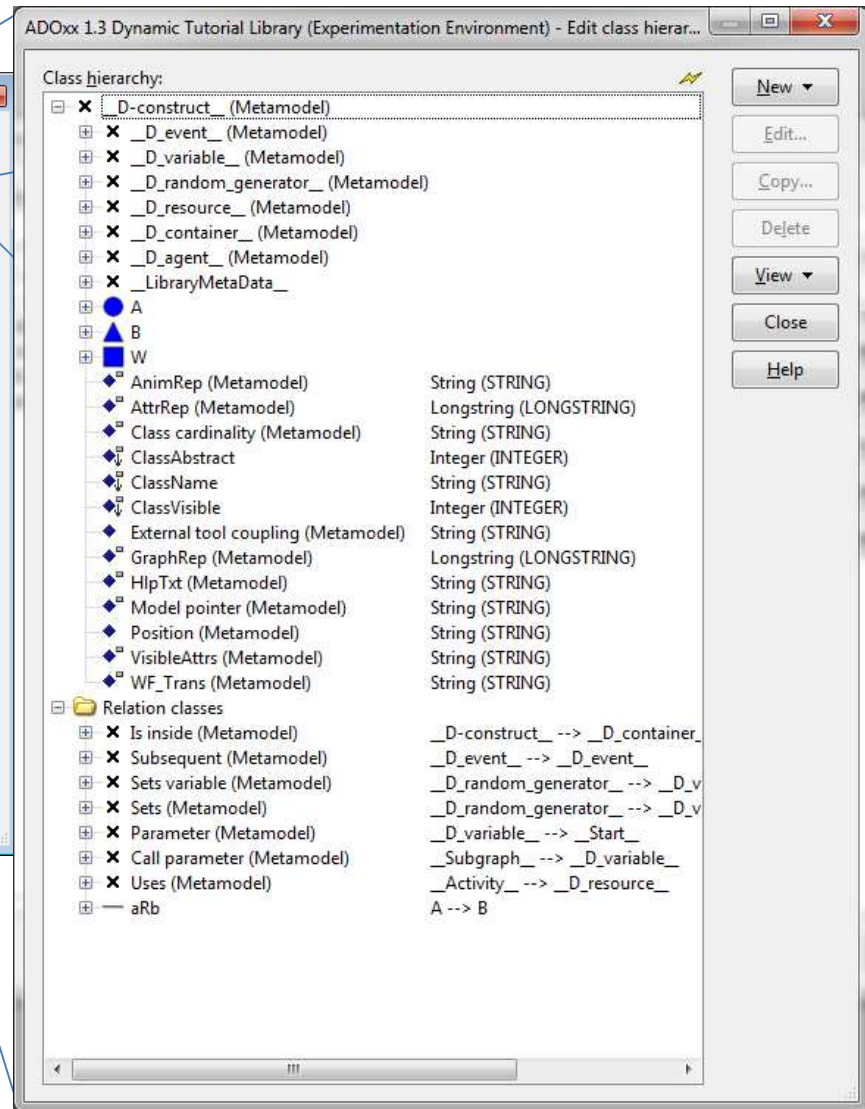
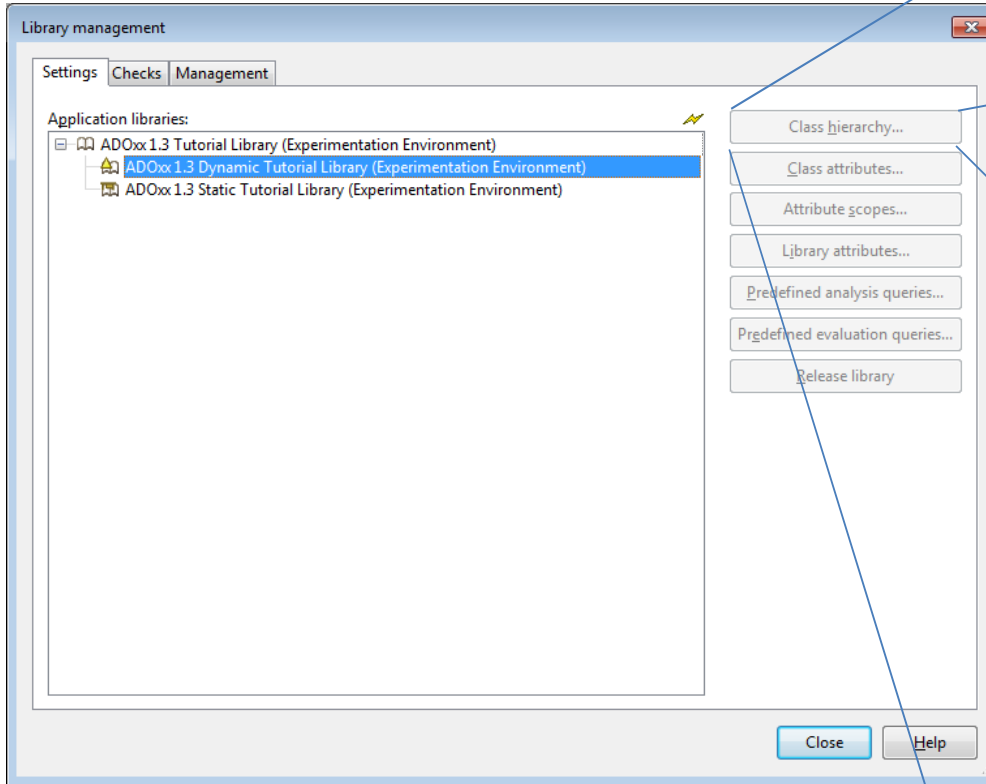
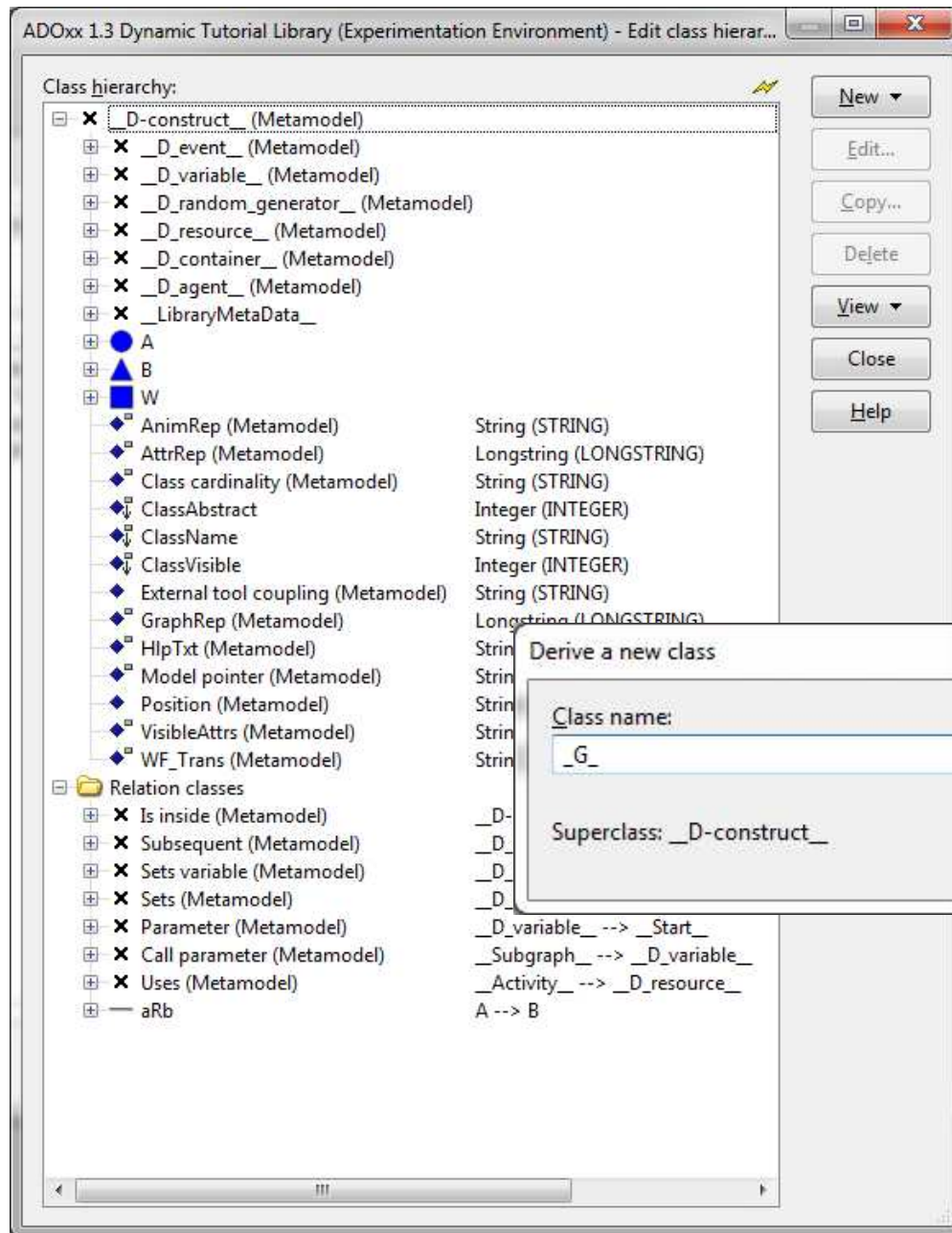


1. CLASSES and RELATIONS HANDS-ON

Modification of class hierarchy of dynamic library





Add a new abstract class below the root element that is used to define “_G_” related issues

1. Select root class, click “New” -> “New class”

2. Name new class as an abstract class

Naming convention: start and end with “_”



ADOxx 1.3 Dynamic Tutorial Library (Experimentation Environment) START - Edit class...

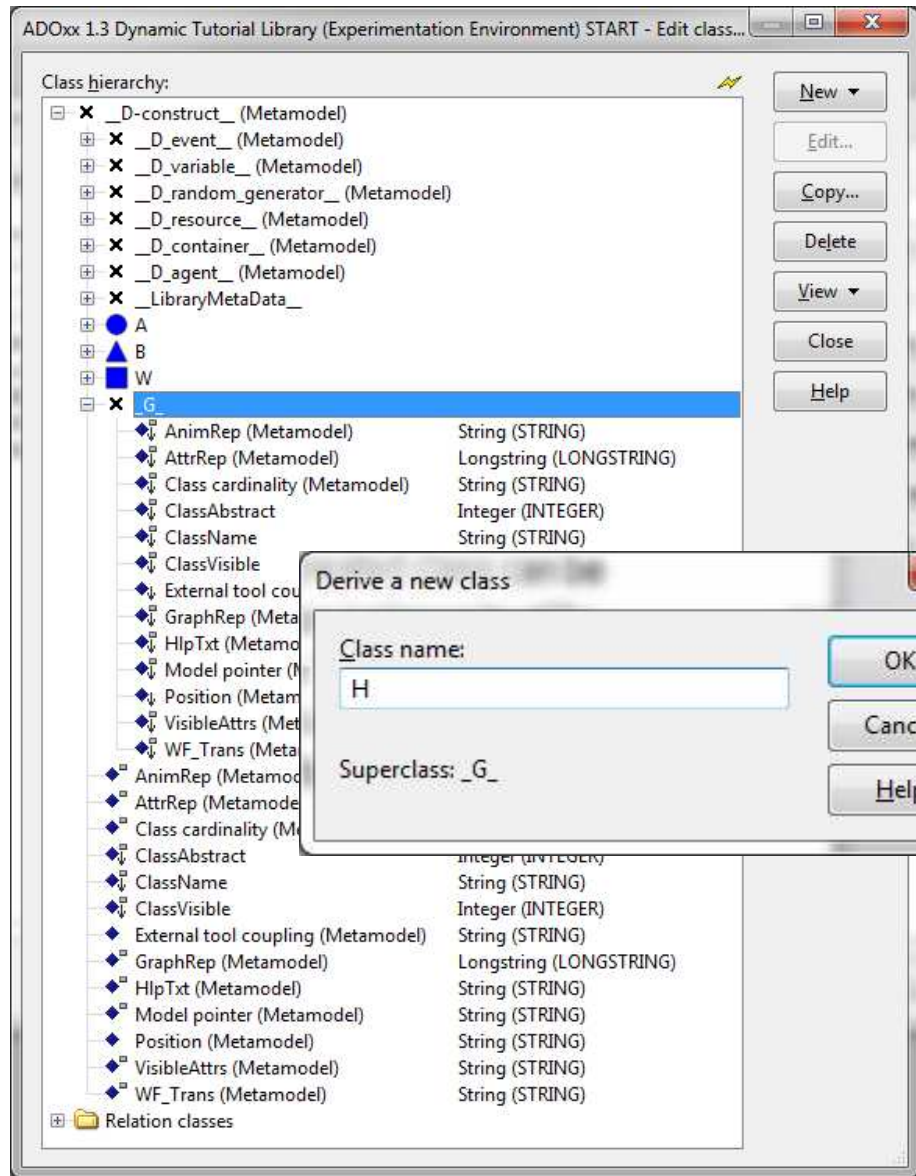
Class hierarchy:

- [-] X __D-construct__ (Metamodel)
- [+] X __D_event__ (Metamodel)
- [+] X __D_variable__ (Metamodel)
- [+] X __D_random_generator__ (Metamodel)
- [+] X __D_resource__ (Metamodel)
- [+] X __D_container__ (Metamodel)
- [+] X __D_agent__ (Metamodel)
- [+] X __LibraryMetaData__
- [+] ● A
- [+] ▲ B
- [+] ■ W
- [-] X G
 - ◆ AnimRep (Metamodel) String (STRING)
 - ◆ AttrRep (Metamodel) Longstring (LONGSTRING)
 - ◆ Class cardinality (Metamodel) String (STRING)
 - ◆ **ClassAbstract Integer (INTEGER)**
 - ◆ ClassName String (STRING)
 - ◆ ClassVisible Integer (INTEGER)
 - ◆ External tool coupling (Metamodel) String (STRING)
 - ◆ GraphRep (Metamodel) Longstring (LONGSTRING)
 - ◆ HlpTxt (Metamodel) String (STRING)
 - ◆ Model pointer (Metamodel) String (STRING)
 - ◆ Position (Metamodel) String (STRING)
 - ◆ VisibleAttrs (Metamodel) String (STRING)
 - ◆ WF_Trans (Metamodel) String (STRING)
- ◆ AnimRep (Metamodel) String (STRING)
- ◆ AttrRep (Metamodel) Longstring (LONGSTRING)
- ◆ Class cardinality (Metamodel) String (STRING)
- ◆ ClassAbstract Integer (INTEGER)
- ◆ ClassName String (STRING)
- ◆ ClassVisible Integer (INTEGER)
- ◆ External tool coupling (Metamodel) String (STRING)
- ◆ GraphRep (Metamodel) Longstring (LONGSTRING)
- ◆ HlpTxt (Metamodel) String (STRING)
- ◆ Model pointer (Metamodel) String (STRING)
- ◆ Position (Metamodel) String (STRING)
- ◆ VisibleAttrs (Metamodel) String (STRING)
- ◆ WF_Trans (Metamodel) String (STRING)

[+] Relation classes

Buttons: New, Edit..., Copy..., Delete, View, Close, Help

**Make class abstract using
“ClassAbstract” attribute
-> Effect: class can not be
instantiated in the modelling
tool, modeltype definition+**

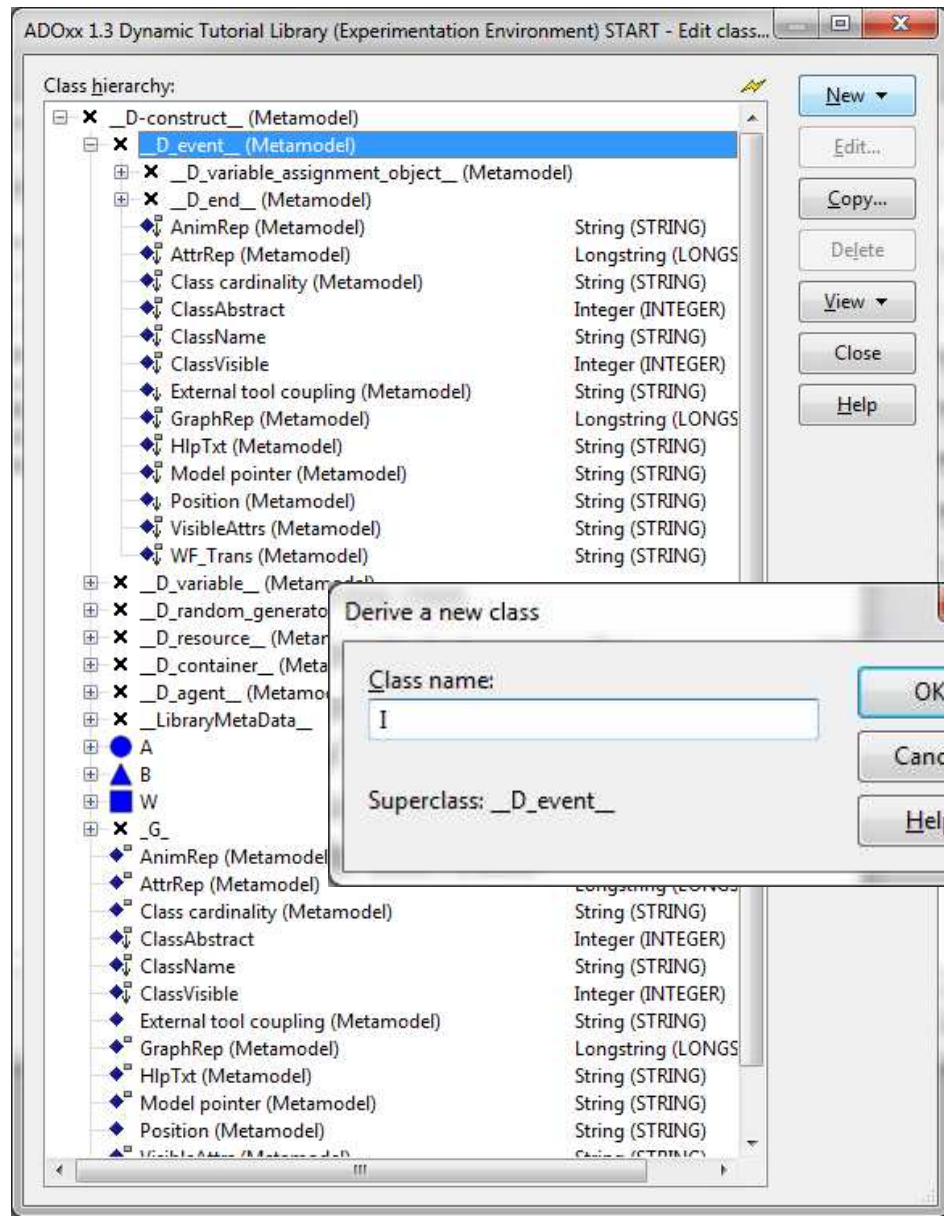


Add a new concrete class below the abstract element that is used to define a concrete class

Select the abstract class, click “New” -> “New class”

Name new class

The new created class can be identified on instance level by the “Name” attribute. This attribute is automatically/implicit available for each class

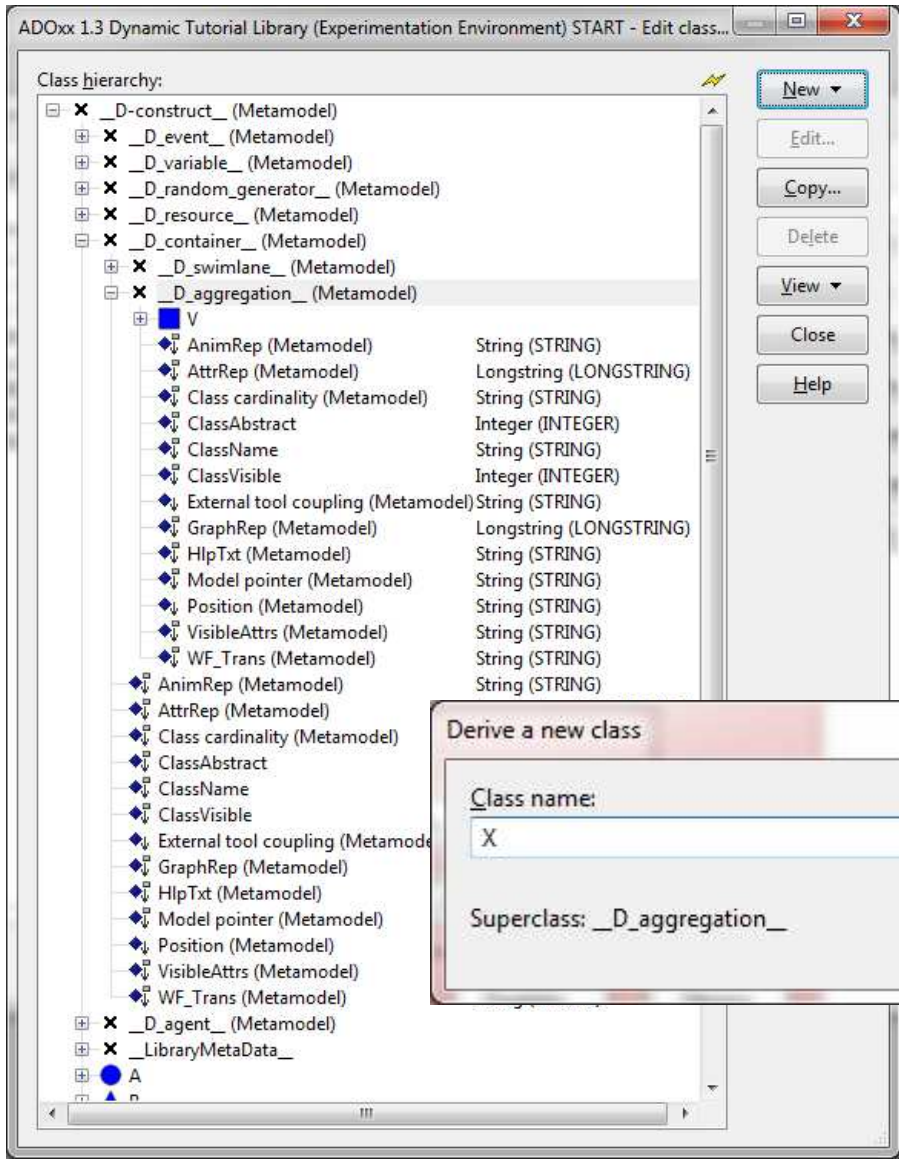


Add a new concrete class below the `__D_event__` element that is used to define a flow class

Select “`__D_event__`” class, click “New” -> “New class”

Name new class

The new created class can be identified on instance level by the “Name” attribute. This attribute is automatically/implicit available for each class



Add a new concrete class below the `__D_aggregation__` element that is used to define Grouping

Select "`__D_aggregation__`" class, click "New" -> "New class"

Name new class

The new created class can be identified on instance level by the "Name" attribute. This attribute is automatically/implicit available for class