



# 1. CORE FUNCTIONS FOR MODEL MANIPULATION

# TRANSFORMATION

# Standard Export / Import



- ▶ **Generation of ADL**  
Text file in complimentary ADOxx Definition Language
- ▶ **Generation of XML**  
Text file in complimentary ADOxx defined XML syntax

# XML Export Sample



```
<?xml version="1.0" encoding="UTF-8" ?>
<DOCTYPE ADOXML (View Source for full doctype...)>
- <ADOXML version="3.1" date="28.06.2012" time="13:32" database="adoxx13" username="sample1" adoversion="Version 1.0">
- <MODELS>
- <MODEL id="mod.13813" name="model-1" version="1.1" modeltype="Sample" libtype="bp" applib="ADOxx 1.3 Dynamic Experimentation Library - START">
+ <MODELATTRIBUTES>
- <INSTANCE id="obj.13814" class="E" name="E1">
  <ATTRIBUTE name="Position" type="STRING">NODE x:4cm y:11cm w:2cm h:2cm index:1</ATTRIBUTE>
  <ATTRIBUTE name="External tool coupling" type="STRING" />
  <ATTRIBUTE name="a1" type="INTEGER">0</ATTRIBUTE>
  <RECORD name="a2" />
  <ATTRIBUTE name="a3" type="STRING" />
  <ATTRIBUTE name="b1" type="INTEGER">0</ATTRIBUTE>
  <RECORD name="b2" />
  <ATTRIBUTE name="b3" type="STRING" />
  <ATTRIBUTE name="e1" type="INTEGER">0</ATTRIBUTE>
  <RECORD name="e2" />
  <ATTRIBUTE name="e3" type="STRING">11</ATTRIBUTE>
  <ATTRIBUTE name="a4" type="INTEGER">0</ATTRIBUTE>
  <ATTRIBUTE name="b4" type="STRING" />
</INSTANCE>
+ <INSTANCE id="obj.13817" class="A" name="A1">
+ <INSTANCE id="obj.13826" class="B" name="B1">
+ <INSTANCE id="obj.13832" class="C" name="C-13010">
+ <INSTANCE id="obj.13835" class="D" name="D-13013">
+ <INSTANCE id="obj.16408" class="B" name="B-16408">
+ <INSTANCE id="obj.16604" class="V" name="V1">
+ <INSTANCE id="obj.17004" class="W" name="W1">
+ <INSTANCE id="obj.17007" class="B" name="B-16408-17007">
+ <INSTANCE id="obj.17291" class="E" name="E-17291">
+ <INSTANCE id="obj.17294" class="E" name="E-17294">
+ <INSTANCE id="obj.17297" class="E" name="E-17297">
+ <INSTANCE id="obj.17328" class="E" name="D-13013-17321">
+ <INSTANCE id="obj.17334" class="E" name="C-13010-17318">
+ <CONNECTOR id="con.13841" class="aRb">
+ <CONNECTOR id="con.13842" class="aRb">
+ <CONNECTOR id="con.13843" class="aRb">
+ <CONNECTOR id="con.13844" class="aRb">
+ <CONNECTOR id="con.13845" class="aRb">
+ <CONNECTOR id="con.16607" class="Is inside">
</MODEL>
</MODELS>
</ADOXML>
```

# ADL Export Sample



```
INSTANCE <E1> : <E>
  ATTRIBUTE <Position>
  VALUE "NODE x:4cm y:11cm w:2cm h:2cm index:1"
  ATTRIBUTE <External tool coupling>
  VALUE ""
  ATTRIBUTE <a1>
  VALUE 0
  ATTRIBUTE <a2>
  VALUE
  ATTRIBUTE <a3>
  VALUE ""
  ATTRIBUTE <b1>
  VALUE 0
  ATTRIBUTE <b2>
  VALUE
  ATTRIBUTE <b3>
  VALUE ""
  ATTRIBUTE <e1>
  VALUE 0
  ATTRIBUTE <e2>
  VALUE
```