



# TRANSFORMATION

## AdoScript

### **3. EXTERNAL COUPLING ADOXX FUNCTIONALITY**

# Transformation Example 1



```
## Open Model
CC "Modeling" GET_ACT_MODEL
SETL id_source_model:(modelid)

SETL s_classname_source:("A")
SETL s_classname_target:("E")

# BEGIN set new model
CC "CoreUI" MODEL_SELECT_BOX mgroup-sel without-models
title:"Zielmodellgruppe"
                                boxtext:"Selektieren Sie die Ziel-
Modellgruppe in der Datenbank:"

CC "Core" CREATE_MODEL modeltype:"Sample"
                                modelname:"My First sample"
                                version:"1.0"
                                mgroups:(mgroupids)
SETL id_target_model:(modelid)

# END set new model

CC "Core" GET_ALL_OBJS_OF_CLASSNAME modelid:(id_source_model)
classname:(s_classname_source)
SETL id_objects:(objids)
```

## Transformation Example 2



```
# BEGIN set x, y pos
SETL xoffset:5cm
SETL yoffset:5cm
SETL xpos:5.0cm
SETL ypos:5.0cm
SETL counter:1
FOR id_object in:(id_objects)
{
    # get class ID from class name
    CC "Core" GET_CLASS_ID classname:(s_classname_source)

    # get all Notebook attributes
    CC "Core" GET_ALL_NB_ATTRS classid:(classid)

    # and show them
    CC "AdoScript" INFOBOX (attrids)
    CC "Core" GET_ATTR_VAL objid:(VAL (id_object)) attrid:(VAL
("9"))
    SETL s_attr_name:(val)

    # Make new model
    CC "Core" GET_CLASS_ID classname:(s_classname_target)
    SETL id_class_target:(classid)

    CC "Core" debug CREATE_OBJ modelid:(id_target_model)
classid:(id_class_target) objname:(s_attr_name)
    CC "Modeling" debug SET_OBJ_POS objid:(objid) x:"5cm" y:"5cm"
}
}
```