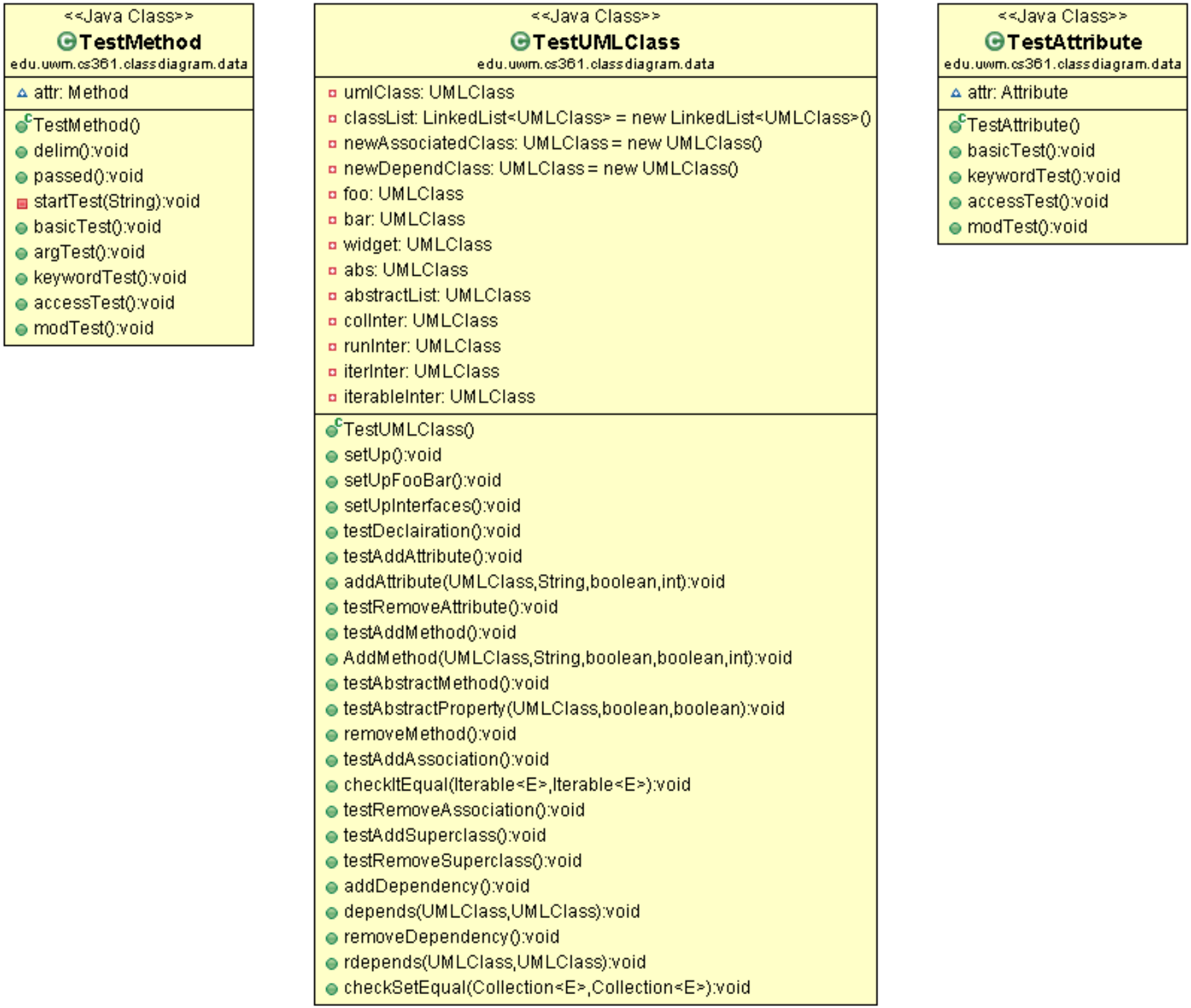
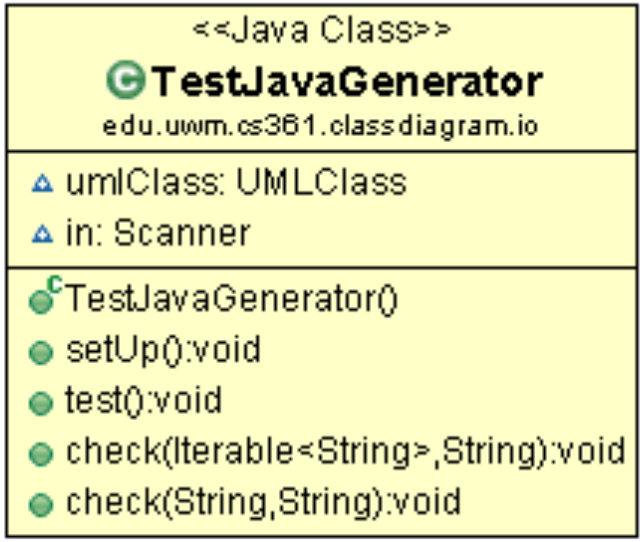
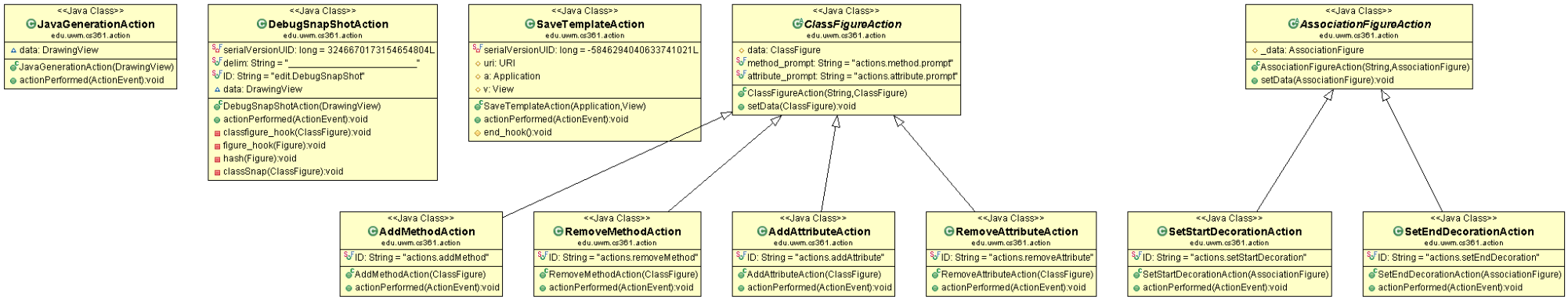
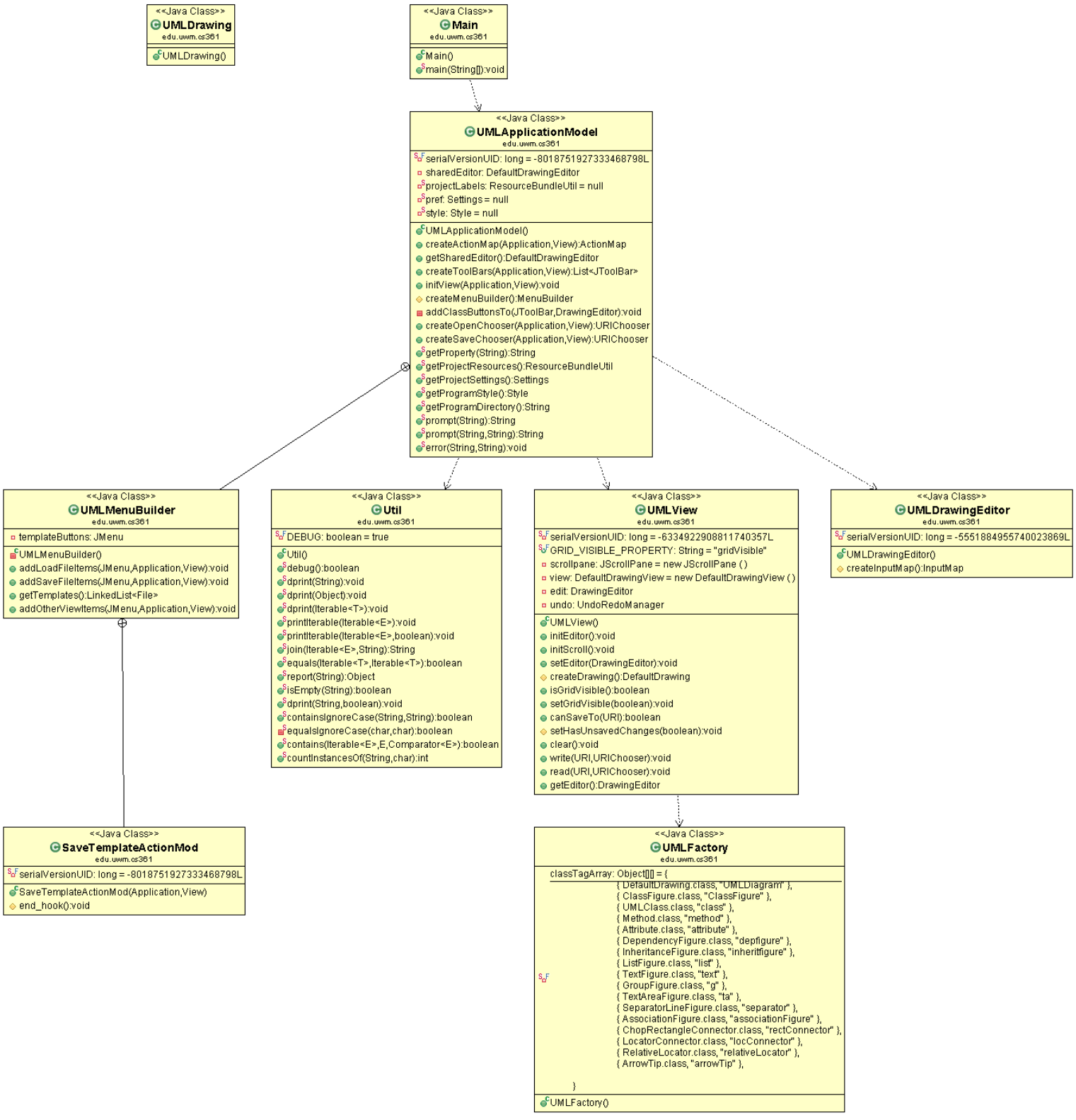
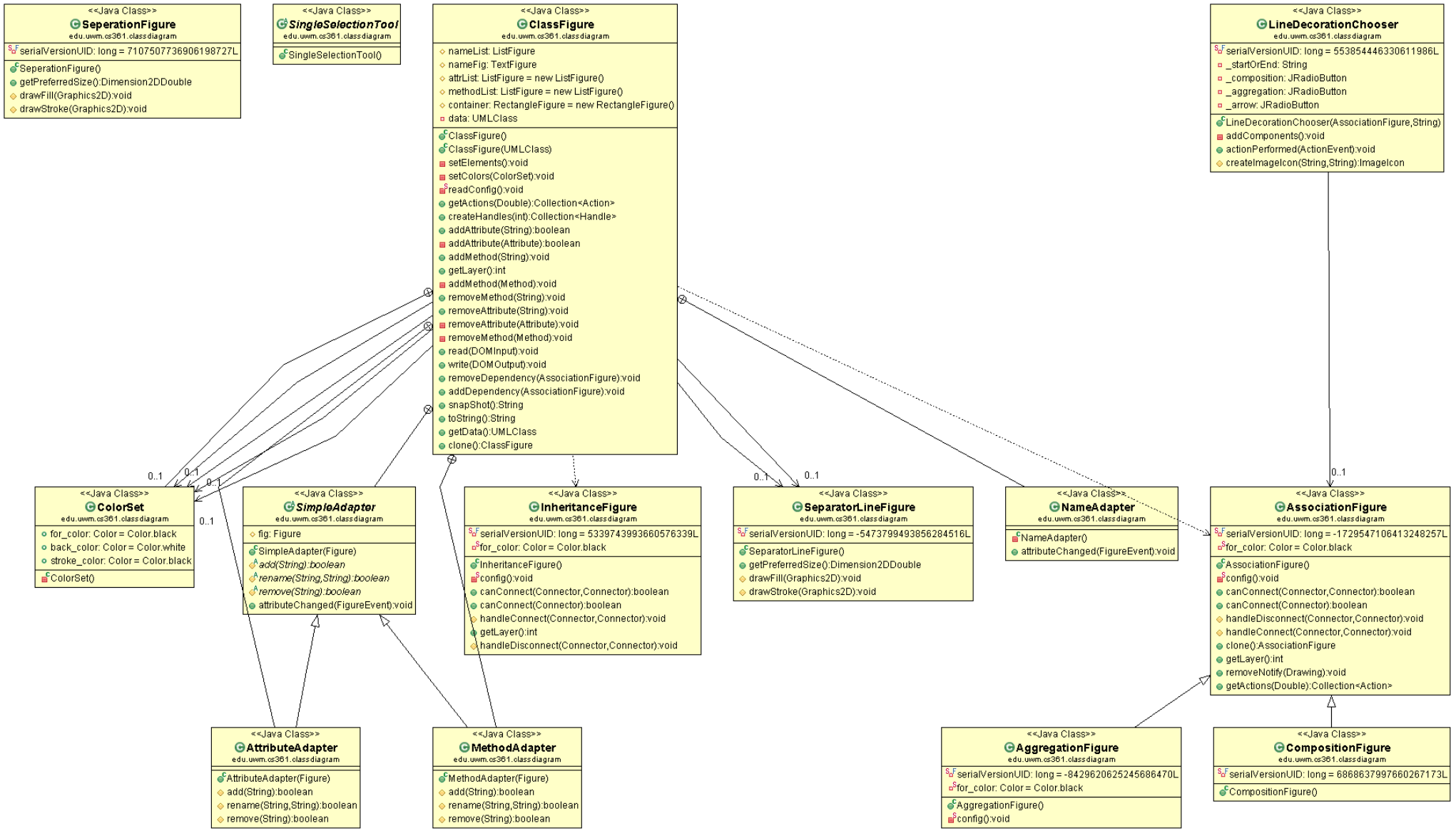
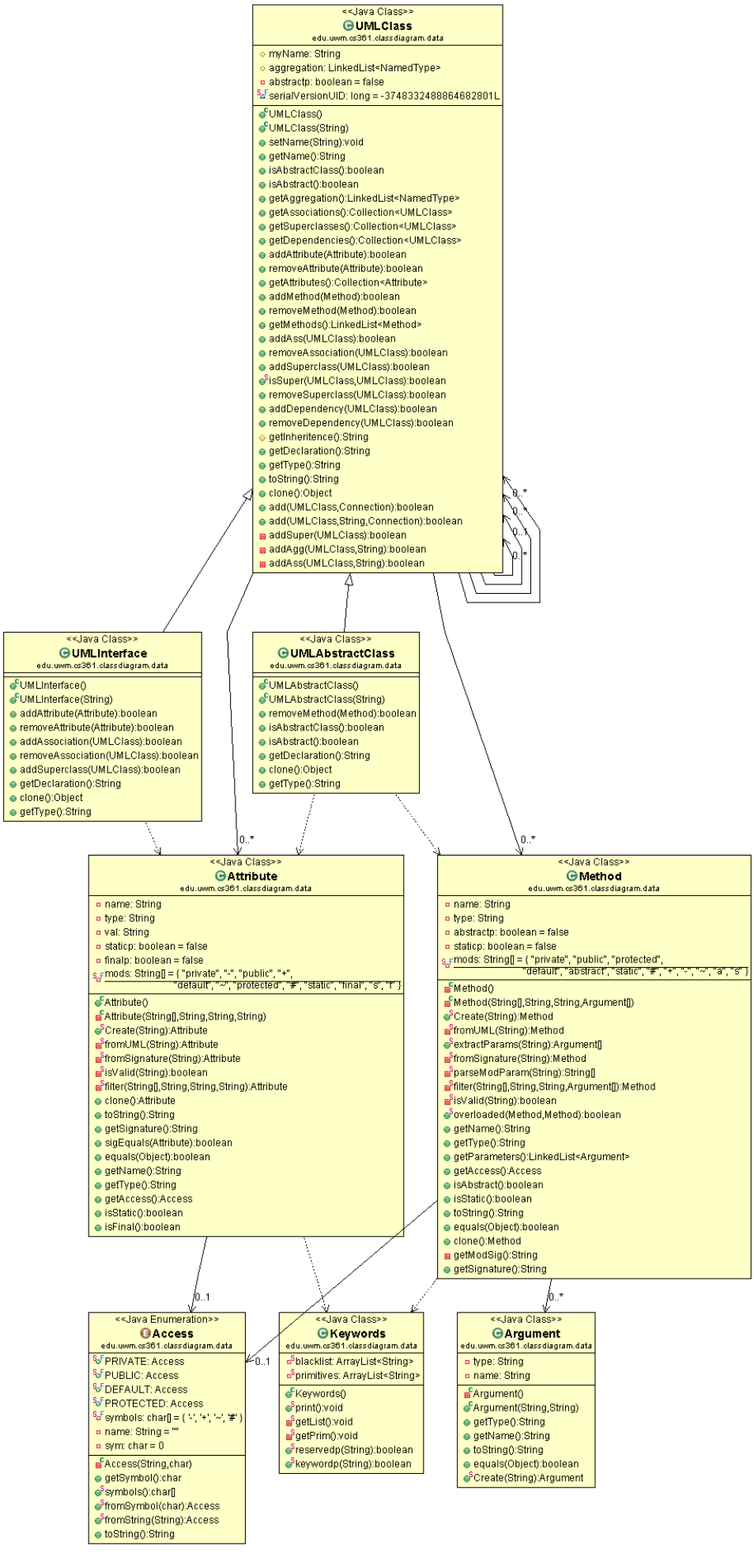

<<Java Class>>
TestMethod
edu.uwm.cs361.classdiagram.data
attr: Method
TestMethod()
delim():void
passed():void
startTest(String):void
basicTest():void
argTest():void
keywordTest():void
accessTest():void
modTest():void
<<Java Class>>
TestUMLClass
edu.uwm.cs361.classdiagram.data
umlClass: UMLClass
classList: LinkedList<UMLClass> = new LinkedList<UMLClass>()
newAssociatedClass: UMLClass = new UMLClass()
newDependClass: UMLClass = new UMLClass()
foo: UMLClass
bar: UMLClass
widget: UMLClass
abs: UMLClass
abstractList: UMLClass
collnter: UMLClass
runInter: UMLClass
iterInter: UMLClass
iterableInter: UMLClass
TestUMLClass()
setUp():void
setUpFooBar():void
setUpInterfaces():void
testDeclairation():void
testAddAttribute():void
addAttribute(UMLClass,String,boolean,int):void
testRemoveAttribute():void
testAddMethod():void
AddMethod(UMLClass,String,boolean,boolean,int):void
testAbstractMethod():void
testAbstractProperty(UMLClass,boolean,boolean):void
removeMethod():void
testAddAssociation():void
checkItEqual(Iterable<E>,Iterable<E>):void
testRemoveAssociation():void
testAddSuperclass():void
testRemoveSuperclass():void
addDependency():void
depends(UMLClass,UMLClass):void
removeDependency():void
rdepends(UMLClass,UMLClass):void
checkSetEqual(Collection<E>,Collection<E>):void
<<Java Class>>
TestAttribute
edu.uwm.cs361.classdiagram.data
attr: Attribute
TestAttribute()
basicTest():void
keywordTest():void
accessTest():void
modTest():void

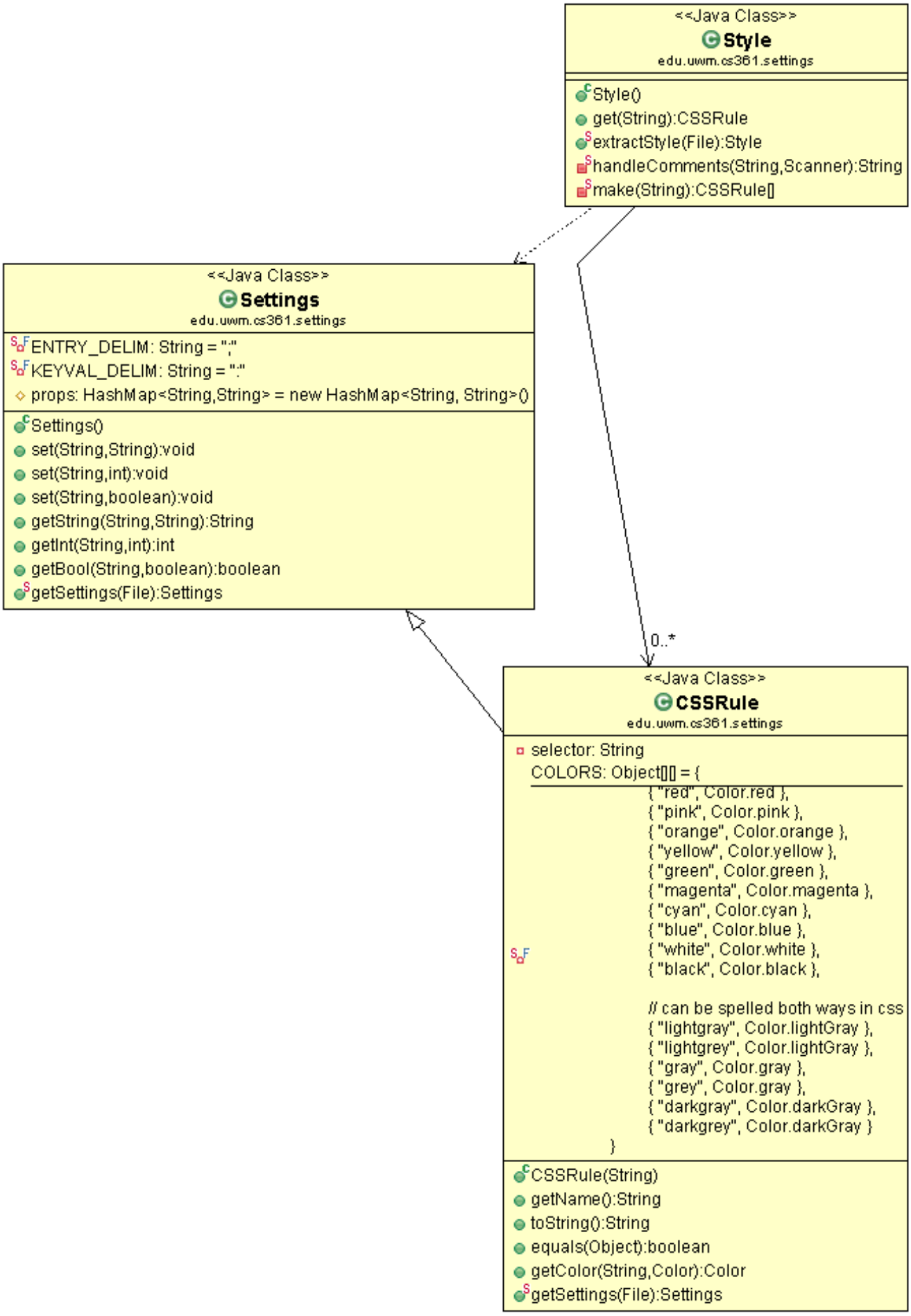

<<Java Class>>
TestJavaGenerator
edu.uwm.cs361.classdiagram.io
umlClass: UMLClass
in: Scanner
TestJavaGenerator()
setUp():void
test():void
check(Iterable<String>,String):void
check(String,String):void

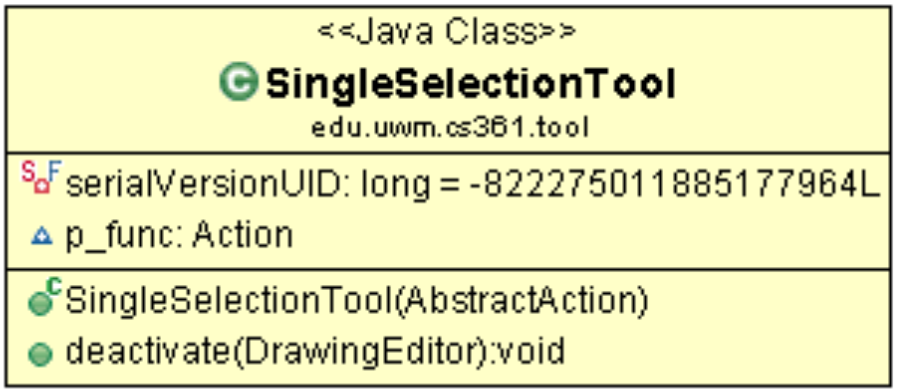

<<Java Class>>
JavaGenerationAction
edu.uwm.cs361.action
data: DrawingView
JavaGenerationAction(DrawingView)
actionPerformed(ActionEvent):void
<<Java Class>>
DebugSnapShotAction
edu.uwm.cs361.action
serialVersionUID: long = 3246670173154654804L
delim: String = "_____"
ID: String = "edit.DebugSnapShot"
data: DrawingView
DebugSnapShotAction(DrawingView)
actionPerformed(ActionEvent):void
classfigure_hook(ClassFigure):void
figure_hook(Figure):void
hash(Figure):void
classSnap(ClassFigure):void
<<Java Class>>
SaveTemplateAction
edu.uwm.cs361.action
serialVersionUID: long = -5846294040633741021L
uri: URI
a: Application
v: View
SaveTemplateAction(Application,View)
actionPerformed(ActionEvent):void
end_hook():void
<<Java Class>>
ClassFigureAction
edu.uwm.cs361.action
data: ClassFigure
method_prompt: String = "actions.method.prompt"
attribute_prompt: String = "actions.attribute.prompt"
ClassFigureAction(String,ClassFigure)
setData(ClassFigure):void
<<Java Class>>
AssociationFigureAction
edu.uwm.cs361.action
_data: AssociationFigure
AssociationFigureAction(String,AssociationFigure)
setData(AssociationFigure):void
<<Java Class>>
AddMethodAction
edu.uwm.cs361.action
ID: String = "actions.addMethod"
AddMethodAction(ClassFigure)
actionPerformed(ActionEvent):void
<<Java Class>>
RemoveMethodAction
edu.uwm.cs361.action
ID: String = "actions.removeMethod"
RemoveMethodAction(ClassFigure)
actionPerformed(ActionEvent):void
<<Java Class>>
AddAttributeAction
edu.uwm.cs361.action
ID: String = "actions.addAttribute"
AddAttributeAction(ClassFigure)
actionPerformed(ActionEvent):void
<<Java Class>>
RemoveAttributeAction
edu.uwm.cs361.action
ID: String = "actions.removeAttribute"
RemoveAttributeAction(ClassFigure)
actionPerformed(ActionEvent):void
<<Java Class>>
SetStartDecorationAction
edu.uwm.cs361.action
ID: String = "actions.setStartDecoration"
SetStartDecorationAction(AssociationFigure)
actionPerformed(ActionEvent):void
<<Java Class>>
SetEndDecorationAction
edu.uwm.cs361.action
ID: String = "actions.setEndDecoration"
SetEndDecorationAction(AssociationFigure)
actionPerformed(ActionEvent):void

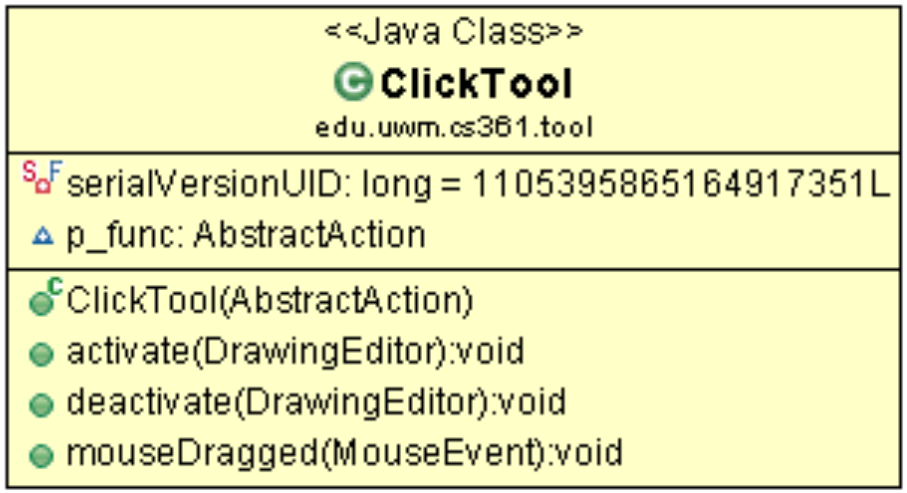

<<Java Class>>
UMLDrawing
edu.uwm.cs361
UMLDrawing()
<<Java Class>>
Main
edu.uwm.cs361
Main()
main(String[]):void
<<Java Class>>
UMLApplicationModel
edu.uwm.cs361
serialVersionUID: long = -8018751927333468798L
sharedEditor: DefaultDrawingEditor
projectLabels: ResourceBundleUtil = null
pref: Settings = null
style: Style = null
UMLApplicationModel()
createActionMap(Application,View):ActionMap
getSharedEditor():DefaultDrawingEditor
createToolBars(Application,View):List<JToolBar>
initView(Application,View):void
createMenuBuilder():MenuBuilder
addClassButtonsTo(JToolBar,DrawingEditor):void
createOpenChooser(Application,View):URIChooser
createSaveChooser(Application,View):URIChooser
getProperty(String):String
getProjectResources():ResourceBundleUtil
getProjectSettings():Settings
getProgramStyle():Style
getProgramDirectory():String
prompt(String):String
prompt(String,String):String
error(String,String):void
<<Java Class>>
UMLMenuBuilder
edu.uwm.cs361
templateButtons: JMenu
UMLMenuBuilder()
addLoadFileItems(JMenu,Application,View):void
addSaveFileItems(JMenu,Application,View):void
getTemplates():LinkedList<File>
addOtherViewItems(JMenu,Application,View):void
<<Java Class>>
Util
edu.uwm.cs361
DEBUG: boolean = true
Util()
debug():boolean
dprint(String):void
dprint(Object):void
dprint(Iterable<T>):void
printIterable(Iterable<E>):void
printIterable(Iterable<E>,boolean):void
join(Iterable<E>,String):String
equals(Iterable<T>,Iterable<T>):boolean
report(String):Object
isEmpty(String):boolean
dprint(String,boolean):void
containsIgnoreCase(String,String):boolean
equalsIgnoreCase(char,char):boolean
contains(Iterable<E>,E,Comparator<E>):boolean
countInstancesOf(String,char):int
<<Java Class>>
UMLView
edu.uwm.cs361
serialVersionUID: long = -6334922908811740357L
GRID_VISIBLE_PROPERTY: String = "gridVisible"
scrollpane: JScrollPane = new JScrollPane ()
view: DefaultDrawingView = new DefaultDrawingView ()
edit: DrawingEditor
undo: UndoRedoManager
UMLView()
initEditor():void
initScroll():void
setEditor(DrawingEditor):void
createDrawing():DefaultDrawing
isGridVisible():boolean
setGridVisible(boolean):void
canSaveTo(URI):boolean
setHasUnsavedChanges(boolean):void
clear():void
write(URI,URIChooser):void
read(URI,URIChooser):void
getEditor():DrawingEditor
<<Java Class>>
UMLDrawingEditor
edu.uwm.cs361
serialVersionUID: long = -5551884955740023869L
UMLDrawingEditor()
createInputMap():InputMap
<<Java Class>>
SaveTemplateActionMod
edu.uwm.cs361
serialVersionUID: long = -8018751927333468798L
SaveTemplateActionMod(Application,View)
end_hook():void
<<Java Class>>
UMLFactory
edu.uwm.cs361
classTagArray: Object[][] = {
{ DefaultDrawing.class, "UMLDiagram" },
{ ClassFigure.class, "ClassFigure" },
{ UMLClass.class, "class" },
{ Method.class, "method" },
{ Attribute.class, "attribute" },
{ DependencyFigure.class, "depfigure" },
{ InheritanceFigure.class, "inheritfigure" },
{ ListFigure.class, "list" },
{ TextFigure.class, "text" },
{ GroupFigure.class, "g" },
{ TextAreaFigure.class, "ta" },
{ SeparatorLineFigure.class, "separator" },
{ AssociationFigure.class, "associationFigure" },
{ ChopRectangleConnector.class, "rectConnector" },
{ LocatorConnector.class, "locConnector" },
{ RelativeLocator.class, "relativeLocator" },
{ ArrowTip.class, "arrowTip" },
}
UMLFactory()

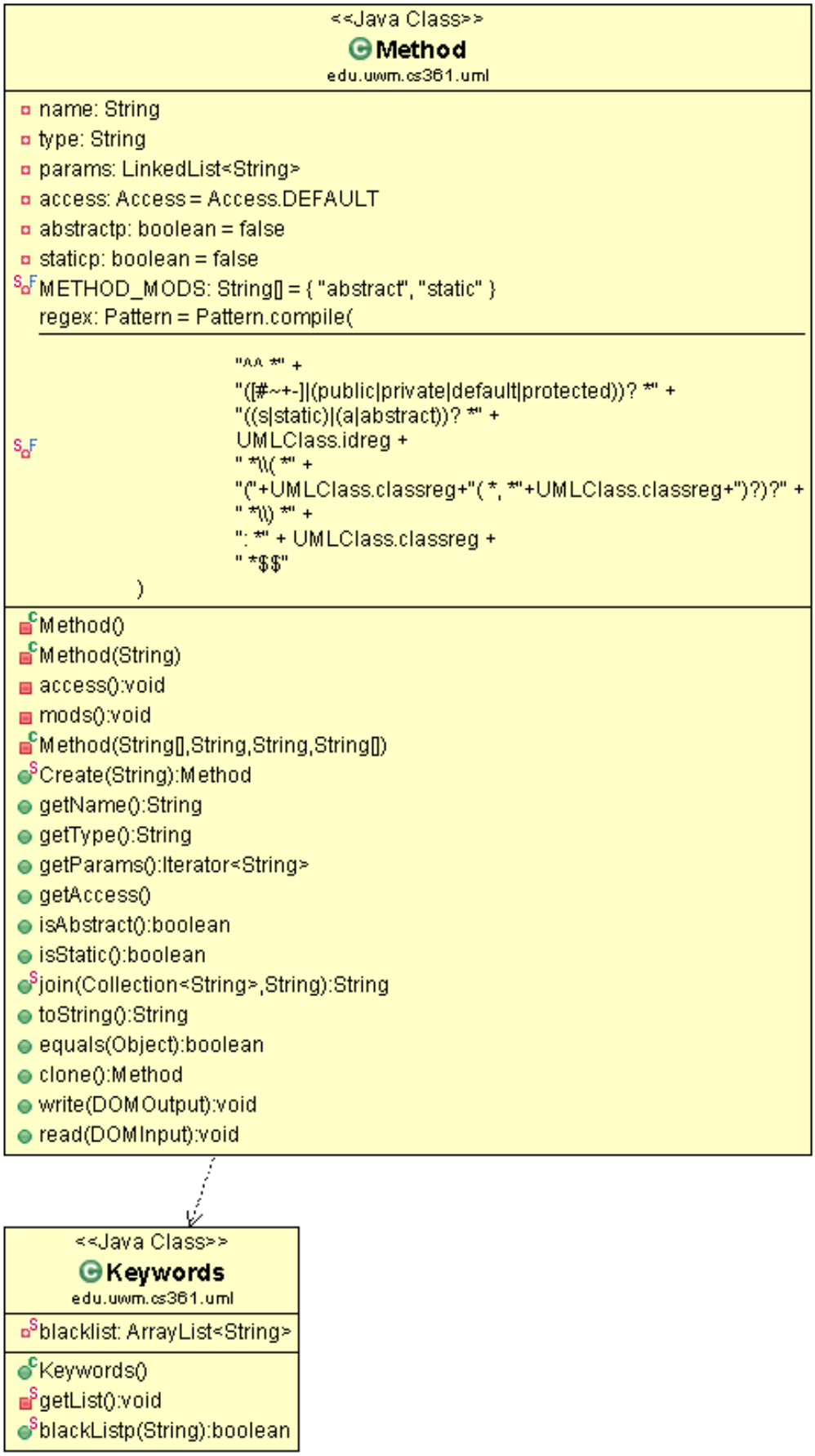

«Java Class»
SeperationFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = 710750773690619872 7L
SeperationFigure()
getPreferredSize():Dimension2DDouble
drawFill(Graphics2D):void
drawStroke(Graphics2D):void
«Java Class»
SingleSelectionTool
edu.uwm.cs361.classdiagram
SingleSelectionTool()
«Java Class»
ClassFigure
edu.uwm.cs361.classdiagram
nameList: ListFigure
nameFig: TextFigure
attrList: ListFigure = new ListFigure()
methodList: ListFigure = new ListFigure()
container: RectangleFigure = new RectangleFigure()
data: UMLClass
ClassFigure()
ClassFigure(UMLClass)
setElements():void
setColors(ColorSet):void
readConfig():void
getActions(Double):Collection<Action>
createHandles(int):Collection<Handle>
addAttribute(String):boolean
addAttribute(Attribute):boolean
addMethod(String):void
getLayer():int
addMethod(Method):void
removeMethod(String):void
removeAttribute(String):void
removeAttribute(Attribute):void
removeMethod(Method):void
read(DOMInput):void
write(DOMOutput):void
removeDependency(AssociationFigure):void
addDependency(AssociationFigure):void
snapShot():String
toString():String
getData():UMLClass
clone():ClassFigure
«Java Class»
LineDecorationChooser
edu.uwm.cs361.classdiagram
serialVersionUID: long = 553854446330611986L
_startOrEnd: String
_composition: JRadioButton
_aggregation: JRadioButton
_arrow: JRadioButton
LineDecorationChooser(AssociationFigure,String)
addComponents():void
actionPerformed(ActionEvent):void
createImageIcon(String,String):ImageIcon
0..1
0..1
0..1
0..1
«Java Class»
ColorSet
edu.uwm.cs361.classdiagram
for_color: Color = Color.black
back_color: Color = Color.white
stroke_color: Color = Color.black
ColorSet()
«Java Class»
SimpleAdapter
edu.uwm.cs361.classdiagram
fig: Figure
SimpleAdapter(Figure)
add(String):boolean
rename(String,String):boolean
remove(String):boolean
attributeChanged(FigureEvent):void
«Java Class»
InheritanceFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = 5339743993660576339L
for_color: Color = Color.black
InheritanceFigure()
config():void
canConnect(Connector,Connector):boolean
canConnect(Connector):boolean
handleConnect(Connector,Connector):void
getLayer():int
handleDisconnect(Connector,Connector):void
0..1
0..1
«Java Class»
SeparatorLineFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = -5473799493856284516L
SeparatorLineFigure()
getPreferredSize():Dimension2DDouble
drawFill(Graphics2D):void
drawStroke(Graphics2D):void
«Java Class»
NameAdapter
edu.uwm.cs361.classdiagram
NameAdapter()
attributeChanged(FigureEvent):void
0..1
«Java Class»
AssociationFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = -1729547106413248257L
for_color: Color = Color.black
AssociationFigure()
config():void
canConnect(Connector,Connector):boolean
canConnect(Connector):boolean
handleDisconnect(Connector,Connector):void
handleConnect(Connector,Connector):void
clone():AssociationFigure
getLayer():int
removeNotify(Drawing):void
getActions(Double):Collection<Action>
«Java Class»
AttributeAdapter
edu.uwm.cs361.classdiagram
AttributeAdapter(Figure)
add(String):boolean
rename(String,String):boolean
remove(String):boolean
«Java Class»
MethodAdapter
edu.uwm.cs361.classdiagram
MethodAdapter(Figure)
add(String):boolean
rename(String,String):boolean
remove(String):boolean
«Java Class»
AggregationFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = -84296206252456864 70L
for_color: Color = Color.black
AggregationFigure()
config():void
«Java Class»
CompositionFigure
edu.uwm.cs361.classdiagram
serialVersionUID: long = 6868637997660267173L
CompositionFigure()


<<Java Class>>
UMLClass
edu.uwm.cs361.classdiagram.data
myName: String
aggregation: LinkedList<NamedType>
abstractp: boolean = false
serialVersionUID: long = -3748332488864682801L
UMLClass()
UMLClass(String)
setName(String):void
getName():String
isAbstractClass():boolean
isAbstract():boolean
getAggregation():LinkedList<NamedType>
getAssociations():Collection<UMLClass>
getSuperclasses():Collection<UMLClass>
getDependencies():Collection<UMLClass>
addAttribute(Attribute):boolean
removeAttribute(Attribute):boolean
getAttributes():Collection<Attribute>
addMethod(Method):boolean
removeMethod(Method):boolean
getMethods():LinkedList<Method>
addAss(UMLClass):boolean
removeAssociation(UMLClass):boolean
addSuperclass(UMLClass):boolean
isSuper(UMLClass,UMLClass):boolean
removeSuperclass(UMLClass):boolean
addDependency(UMLClass):boolean
removeDependency(UMLClass):boolean
getInheritence():String
getDeclaration():String
getType():String
toString():String
clone():Object
add(UMLClass,Connection):boolean
add(UMLClass,String,Connection):boolean
addSuper(UMLClass):boolean
addAgg(UMLClass,String):boolean
addAss(UMLClass,String):boolean
0..*
0..*
0..1
0..*
<<Java Class>>
UMLInterface
edu.uwm.cs361.classdiagram.data
UMLInterface()
UMLInterface(String)
addAttribute(Attribute):boolean
removeAttribute(Attribute):boolean
addAssociation(UMLClass):boolean
removeAssociation(UMLClass):boolean
addSuperclass(UMLClass):boolean
getDeclaration():String
clone():Object
getType():String
<<Java Class>>
UMLAbstractClass
edu.uwm.cs361.classdiagram.data
UMLAbstractClass()
UMLAbstractClass(String)
removeMethod(Method):boolean
isAbstractClass():boolean
isAbstract():boolean
getDeclaration():String
clone():Object
getType():String
0..*
0..*
<<Java Class>>
Attribute
edu.uwm.cs361.classdiagram.data
name: String
type: String
val: String
staticp: boolean = false
finalp: boolean = false
mods: String[] = { "private", "-", "public", "+", "default", "~", "protected", "#", "static", "final", "s", "f" }
Attribute()
Attribute(String[],String,String,String)
Create(String):Attribute
fromUML(String):Attribute
fromSignature(String):Attribute
isValid(String):boolean
filter(String[],String,String,String):Attribute
clone():Attribute
toString():String
getSignature():String
sigEquals(Attribute):boolean
equals(Object):boolean
getName():String
getType():String
getAccess():Access
isStatic():boolean
isFinal():boolean
<<Java Class>>
Method
edu.uwm.cs361.classdiagram.data
name: String
type: String
abstractp: boolean = false
staticp: boolean = false
mods: String[] = { "private", "public", "protected", "default", "abstract", "static", "#", "+", "-", "~", "a", "s" }
Method()
Method(String[],String,String,Argument[])
Create(String):Method
fromUML(String):Method
extractParams(String):Argument[]
fromSignature(String):Method
parseModParam(String):String[]
filter(String[],String,String,Argument[]):Method
isValid(String):boolean
overloaded(Method,Method):boolean
getName():String
getType():String
getParameters():LinkedList<Argument>
getAccess():Access
isAbstract():boolean
isStatic():boolean
toString():String
equals(Object):boolean
clone():Method
getModSig():String
getSignature():String
0..1
0..*
<<Java Enumeration>>
Access
edu.uwm.cs361.classdiagram.data
PRIVATE: Access
PUBLIC: Access
DEFAULT: Access
PROTECTED: Access
symbols: char[] = { '-', '+', '~', '#' }
name: String = ""
sym: char = 0
Access(String,char)
getSymbol():char
symbols():char[]
fromSymbol(char):Access
fromString(String):Access
toString():String
0..1
<<Java Class>>
Keywords
edu.uwm.cs361.classdiagram.data
blacklist: ArrayList<String>
primitives: ArrayList<String>
Keywords()
print():void
getList():void
getPrim():void
reservedp(String):boolean
keywordp(String):boolean
<<Java Class>>
Argument
edu.uwm.cs361.classdiagram.data
type: String
name: String
Argument()
Argument(String,String)
getType():String
getName():String
toString():String
equals(Object):boolean
Create(String):Argument


<<Java Class>>
Style
edu.uwm.cs361.settings
Style()
get(String):CSSRule
extractStyle(File):Style
handleComments(String,Scanner):String
make(String):CSSRule[]
<<Java Class>>
Settings
edu.uwm.cs361.settings
ENTRY_DELIM: String = ","
KEYVAL_DELIM: String = ":"
props: HashMap<String,String> = new HashMap<String, String>()
Settings()
set(String,String):void
set(String,int):void
set(String,boolean):void
getString(String,String):String
getInt(String,int):int
getBool(String,boolean):boolean
getSettings(File):Settings
0..*
<<Java Class>>
CSSRule
edu.uwm.cs361.settings
selector: String
COLORS: Object[][] = {
{ "red", Color.red },
{ "pink", Color.pink },
{ "orange", Color.orange },
{ "yellow", Color.yellow },
{ "green", Color.green },
{ "magenta", Color.magenta },
{ "cyan", Color.cyan },
{ "blue", Color.blue },
{ "white", Color.white },
{ "black", Color.black },
// can be spelled both ways in css
{ "lightgray", Color.lightGray },
{ "lightgrey", Color.lightGray },
{ "gray", Color.gray },
{ "grey", Color.gray },
{ "darkgray", Color.darkGray },
{ "darkgrey", Color.darkGray }
}
CSSRule(String)
getName():String
toString():String
equals(Object):boolean
getColor(String,Color):Color
getSettings(File):Settings


<<Java Class>>
SingleSelectionTool
edu.uwm.cs361.tool
serialVersionUID: long = -8222750118851779 64L
p_func: Action
SingleSelectionTool(AbstractAction)
deactivate(DrawingEditor):void


<<Java Class>>
ClickTool
edu.uwm.cs361.tool
serialVersionUID: long = 1105395865164917351L
p_func: AbstractAction
ClickTool(AbstractAction)
activate(DrawingEditor):void
deactivate(DrawingEditor):void
mouseDragged(MouseEvent):void


<<Java Class>>
Method
edu.uwm.cs361.uml
name: String
type: String
params: LinkedList<String>
access: Access = Access.DEFAULT
abstractp: boolean = false
staticp: boolean = false
METHOD_MODS: String[] = { "abstract", "static" }
regex: Pattern = Pattern.compile(
"^^ *" +
"([#~+-]|(public|private|default|protected))? *" +
"((s|static)|(a|abstract))? *" +
UMLClass.idreg +
" *\\(*" +
"("+UMLClass.classreg+"(*, *"+UMLClass.classreg+")?)?" +
" *\\) *" +
": *" + UMLClass.classreg +
" *$$"
)
Method()
Method(String)
access():void
mods():void
Method(String[],String,String,String[])
Create(String):Method
getName():String
getType():String
getParams():Iterator<String>
getAccess()
isAbstract():boolean
isStatic():boolean
join(Collection<String>,String):String
toString():String
equals(Object):boolean
clone():Method
write(DOMOutput):void
read(DOMInput):void
<<Java Class>>
Keywords
edu.uwm.cs361.uml
blacklist: ArrayList<String>
Keywords()
getList():void
blackListp(String):boolean