

RootDraw			
Strategy			
RAM			
ID Context	Strategy		
1 CH.fla.draw.accollet DrawAccollet	CH.fla.draw.framework.Tool		
2 CH.fla.draw.contrib PolygonHandle	CH.fla.draw.framework.Locator		
3 CH.fla.draw.foures.GroupCommand	CH.fla.draw.framework.DrawingView		
4 CH.fla.draw.foures.InsertImageCommand	CH.fla.draw.framework.DrawingView		
5 CH.fla.draw.foures.LineConnection	CH.fla.draw.framework.Connector		
6 CH.fla.draw.foures.UnroucCommand	CH.fla.draw.framework.DrawingView		
7 CH.fla.draw.samples.javadrw Animator	CH.fla.draw.framework.DrawingView		
8 CH.fla.draw.samples.javadrw URL.Tool	CH.fla.draw.framework.Figure		
9 CH.fla.draw.standard AbstractConnector	CH.fla.draw.framework.Figure		
10 CH.fla.draw.standard AbstractFigure	CH.fla.draw.framework.FigureChangeListener		
11 CH.fla.draw.standard AbstractTool	CH.fla.draw.framework.DrawingView		
12 CH.fla.draw.standard AlignCommand	CH.fla.draw.framework.DrawingView		
13 CH.fla.draw.standard BringToFrontCommand	CH.fla.draw.framework.DrawingView		
14 CH.fla.draw.standard ChangeAttributeCommand	CH.fla.draw.framework.DrawingView		
15 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.Figure		
16 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.ConnectionFigure		
17 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.ConnectionFigure		
18 CH.fla.draw.standard FigureTransferCommand	CH.fla.draw.framework.DrawingView		
19 CH.fla.draw.standard SelectionTool	CH.fla.draw.framework.Tool		
20 CH.fla.draw.standard SendToBackCommand	CH.fla.draw.framework.DrawingView		
21 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.Drawing		
22 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.DrawingEditor		
23 CH.fla.draw.standard ToggleGridCommand	CH.fla.draw.framework.DrawingView		
24 CH.fla.draw.util CommandButton	CH.fla.draw.util.Command		
25 CH.fla.draw.util PaletteButton	CH.fla.draw.util.PaletteListener		
DDP			
ID Context	Strategy		
1 CH.fla.draw.standard AbstractFigure	CH.fla.draw.framework.FigureChangeListener		
2 CH.fla.draw.applet DrawApplet	CH.fla.draw.framework.Tool		
3 CH.fla.draw.applet DrawApplet	CH.fla.draw.framework.Drawing		
4 CH.fla.draw.application DrawApplication	CH.fla.draw.framework.Tool		
5 CH.fla.draw.application DrawApplication	CH.fla.draw.framework.Drawing		
6 CH.fla.draw.contrib PolygonHandle	CH.fla.draw.framework.Locator		
7 CH.fla.draw.foures.GroupCommand	CH.fla.draw.framework.DrawingView		
8 CH.fla.draw.foures.InsertImageCommand	CH.fla.draw.framework.DrawingView		
9 CH.fla.draw.foures.LineConnection	CH.fla.draw.framework.Connector		
10 CH.fla.draw.foures.PolyLineFigure	CH.fla.draw.foures.LineDecoration		
11 CH.fla.draw.foures.TextTool	CH.fla.draw.standard.TextHolder		
12 CH.fla.draw.foures.UnroucCommand	CH.fla.draw.framework.DrawingView		
13 CH.fla.draw.samples.javadrw Animator	CH.fla.draw.framework.DrawingView		
14 CH.fla.draw.samples.javadrw Animator	CH.fla.draw.util.Animatable		
15 CH.fla.draw.standard AbstractTool	CH.fla.draw.framework.DrawingView		
16 CH.fla.draw.standard AlignCommand	CH.fla.draw.framework.DrawingView		
17 CH.fla.draw.standard BringToFrontCommand	CH.fla.draw.framework.DrawingView		
18 CH.fla.draw.standard ChangeAttributeCommand	CH.fla.draw.framework.DrawingView		
19 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.Figure		
20 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.ConnectionFigure		
21 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.Connector		
22 CH.fla.draw.standard ConnectionHandle	CH.fla.draw.framework.Figure		
23 CH.fla.draw.standard ConnectionHandle	CH.fla.draw.framework.ConnectionFigure		
24 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.Figure		
25 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.ConnectionFigure		
26 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.Connector		
27 CH.fla.draw.standard CreationTool	CH.fla.draw.framework.Figure		
28 CH.fla.draw.standard FigureTransferCommand	CH.fla.draw.framework.DrawingView		
29 CH.fla.draw.standard HandleTracker	CH.fla.draw.framework.Handle		
30 CH.fla.draw.standard LocatorConnector	CH.fla.draw.framework.Locator		
31 CH.fla.draw.standard LocatorHandle	CH.fla.draw.framework.Locator		
32 CH.fla.draw.standard SendToBackCommand	CH.fla.draw.framework.DrawingView		
33 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.Drawing		
34 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.DrawingEditor		
35 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.Painter		
36 CH.fla.draw.standard StandardDrawingView	CH.fla.draw.framework.PointConstraint		
37 CH.fla.draw.standard ToggleGridCommand	CH.fla.draw.framework.DrawingView		
38 CH.fla.draw.util CommandButton	CH.fla.draw.util.Command		
39 CH.fla.draw.util PaletteButton	CH.fla.draw.util.PaletteListener		
DPF			
ID Context	Strategy		
1 CH.fla.draw.accollet DrawAccollet	CH.fla.draw.framework.Tool		
2 CH.fla.draw.accollet DrawAccollet	CH.fla.draw.framework.Drawing		
3 CH.fla.draw.application DrawApplication	CH.fla.draw.framework.Tool		
4 CH.fla.draw.application DrawApplication	CH.fla.draw.framework.Drawing		
5 CH.fla.draw.contrib PolygonHandle	CH.fla.draw.framework.Locator		
6 CH.fla.draw.foures.GroupCommand	CH.fla.draw.framework.DrawingView		
7 CH.fla.draw.foures.InsertImageCommand	CH.fla.draw.framework.DrawingView		
8 CH.fla.draw.foures.LineConnection	CH.fla.draw.framework.Connector		
9 CH.fla.draw.foures.PolyLineFigure	CH.fla.draw.foures.LineDecoration		
10 CH.fla.draw.foures.TextTool	CH.fla.draw.standard.TextHolder		
11 CH.fla.draw.foures.UnroucCommand	CH.fla.draw.framework.DrawingView		
12 CH.fla.draw.samples.javadrw Animator	CH.fla.draw.framework.DrawingView		
13 CH.fla.draw.samples.javadrw Animator	CH.fla.draw.util.Animatable		
14 CH.fla.draw.samples.javadrw URL.Tool	CH.fla.draw.framework.Figure		
15 CH.fla.draw.standard AbstractConnector	CH.fla.draw.framework.Figure		
16 CH.fla.draw.standard AbstractFigure	CH.fla.draw.framework.FigureChangeListener		
17 CH.fla.draw.standard AbstractTool	CH.fla.draw.framework.DrawingView		
18 CH.fla.draw.standard AlignCommand	CH.fla.draw.framework.DrawingView		
19 CH.fla.draw.standard BringToFrontCommand	CH.fla.draw.framework.DrawingView		
20 CH.fla.draw.standard ChangeAttributeCommand	CH.fla.draw.framework.DrawingView		
21 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.Figure		
22 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.ConnectionFigure		
23 CH.fla.draw.standard ChangeConnectionHandle	CH.fla.draw.framework.Connector		
24 CH.fla.draw.standard ConnectionHandle	CH.fla.draw.framework.Figure		
25 CH.fla.draw.standard ConnectionHandle	CH.fla.draw.framework.ConnectionFigure		
26 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.Figure		
27 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.ConnectionFigure		
28 CH.fla.draw.standard ConnectionTool	CH.fla.draw.framework.Connector		
29 CH.fla.draw.standard CreationTool	CH.fla.draw.framework.Figure		
30 CH.fla.draw.standard DragTracker	CH.fla.draw.framework.Figure		
31 CH.fla.draw.standard FigureTransferCommand	CH.fla.draw.framework.DrawingView		
32 CH.fla.draw.standard HandleTracker			

	Context				State			
1	CH ifa.draw.standard.CreationTool				CH ifa.draw.framework.Figure			
2	CH ifa.draw.standard.DragTracker				CH ifa.draw.framework.Figure			
	Bridge							
	RaM							
ID	Abstraction				Implementor			
1	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.standard.ToolButton			
2	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.framework.Drawing			
3	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.framework.Tool			
4	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.standard.StandardDrawingView			
5	CH ifa.draw.contrib.PolygonHandle				CH ifa.draw.framework.Locator			
6	CH ifa.draw.contrib.PolygonTool				CH ifa.draw.contrib.PolygonFigure			
7	CH ifa.draw.figures.AttributeFigure				CH ifa.draw.figures.FigureAttributes			
8	CH ifa.draw.figures.GroupCommand				CH ifa.draw.framework.DrawingView			
9	CH ifa.draw.figures.InsertImageCommand				CH ifa.draw.framework.DrawingView			
10	CH ifa.draw.figures.TextFigure				CH ifa.draw.framework.Figure			
11	CH ifa.draw.figures.UngroupCommand				CH ifa.draw.framework.DrawingView			
12	CH ifa.draw.standard.AbstractFigure				CH ifa.draw.framework.FigureChangeListener			
13	CH ifa.draw.standard.AlignCommand				CH ifa.draw.framework.DrawingView			
14	CH ifa.draw.standard.BringToFrontCommand				CH ifa.draw.framework.DrawingView			
15	CH ifa.draw.standard.ChangeAttributeCommand				CH ifa.draw.framework.DrawingView			
16	CH ifa.draw.standard.ChangeConnectionHandle				CH ifa.draw.framework.Figure			
17	CH ifa.draw.standard.ConnectionHandle				CH ifa.draw.framework.Figure			
18	CH ifa.draw.standard.ConnectionTool				CH ifa.draw.framework.Connector			
19	CH ifa.draw.standard.CreationTool				CH ifa.draw.framework.Figure			
20	CH ifa.draw.standard.DecoratorFigure				CH ifa.draw.framework.Figure			
21	CH ifa.draw.standard.FigureTransferCommand				CH ifa.draw.framework.DrawingView			
22	CH ifa.draw.standard.HandleTracker				CH ifa.draw.framework.Handle			
23	CH ifa.draw.standard.LocatorConnector				CH ifa.draw.framework.Locator			
24	CH ifa.draw.standard.SendToBackCommand				CH ifa.draw.framework.DrawingView			
25	CH ifa.draw.standard.ToggleGridCommand				CH ifa.draw.framework.DrawingView			
26	CH ifa.draw.util.CommandButton				CH ifa.draw.util.Command			
	DPD							
DFF								
ID	Abstraction				Implementor			
1	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.standard.StandardDrawingView			
2	CH ifa.draw.apclet.DrawApclet				CH ifa.draw.framework.Tool			
3	CH ifa.draw.contrib.PolygonHandle				CH ifa.draw.framework.Locator			
4	CH ifa.draw.contrib.PolygonTool				CH ifa.draw.contrib.PolygonFigure			
5	CH ifa.draw.figures.AttributeFigure				CH ifa.draw.figures.FigureAttributes			
6	CH ifa.draw.figures.GroupCommand				CH ifa.draw.framework.DrawingView			
7	CH ifa.draw.figures.InsertImageCommand				CH ifa.draw.framework.DrawingView			
8	CH ifa.draw.figures.TextFigure				CH ifa.draw.framework.Figure			
9	CH ifa.draw.figures.UngroupCommand				CH ifa.draw.framework.DrawingView			
10	CH ifa.draw.standard.AbstractFigure				CH ifa.draw.framework.FigureChangeListener			
11	CH ifa.draw.standard.AlignCommand				CH ifa.draw.framework.DrawingView			
12	CH ifa.draw.standard.BringToFrontCommand				CH ifa.draw.framework.DrawingView			
13	CH ifa.draw.standard.ChangeAttributeCommand				CH ifa.draw.framework.DrawingView			
14	CH ifa.draw.standard.ChangeConnectionHandle				CH ifa.draw.framework.Figure			
15	CH ifa.draw.standard.ConnectionHandle				CH ifa.draw.framework.Figure			
16	CH ifa.draw.standard.ConnectionTool				CH ifa.draw.framework.Connector			
17	CH ifa.draw.standard.CreationTool				CH ifa.draw.framework.Figure			
18	CH ifa.draw.standard.DecoratorFigure				CH ifa.draw.framework.Figure			
19	CH ifa.draw.standard.DrawApclet				CH ifa.draw.standard.DrawingApclet			
20	CH ifa.draw.standard.DrawApclet				CH ifa.draw.standard.ToolButton			
21	CH ifa.draw.standard.FigureTransferCommand				CH ifa.draw.framework.DrawingView			
22	CH ifa.draw.standard.HandleTracker				CH ifa.draw.framework.Handle			
23	CH ifa.draw.standard.LocatorConnector				CH ifa.draw.framework.Locator			
24	CH ifa.draw.standard.SendToBackCommand				CH ifa.draw.framework.DrawingView			
25	CH ifa.draw.standard.ToggleGridCommand				CH ifa.draw.framework.DrawingView			
26	CH ifa.draw.util.CommandButton				CH ifa.draw.util.Command			
	ePAD							
SearT								
DPDT								
ID	Abstraction				Implementor			
1	CH ifa.draw.standard.DecoratorFigure				CH ifa.draw.framework.Figure			
	Command							
	RaM							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
	DPD							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
	DFF							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
9	CH ifa.draw.util.Command				CH ifa.draw.figures.TextFigure			CH ifa.draw.framework.DrawingView
10	CH ifa.draw.util.Command				CH ifa.draw.standard.AbstractTool			CH ifa.draw.framework.DrawingView
11	CH ifa.draw.util.Command				CH ifa.draw.figures.LineConnection			CH ifa.draw.framework.Connector
12	CH ifa.draw.util.Command				CH ifa.draw.standard.AbstractConnector			CH ifa.draw.framework.Figure
13	CH ifa.draw.util.Command				CH ifa.draw.apclet.DrawApclet			CH ifa.draw.standard.ToolButton
14	CH ifa.draw.util.Command				CH ifa.draw.aplication.DrawApplication			CH ifa.draw.standard.ToolButton
15	CH ifa.draw.util.Command				CH ifa.draw.standard.StandardDrawingView			CH ifa.draw.framework.DrawingView
16	CH ifa.draw.util.Command				CH ifa.draw.standard.StandardDrawingView			CH ifa.draw.framework.DrawingEditor
17	CH ifa.draw.util.Command				CH ifa.draw.contrib.PolygonHandle			CH ifa.draw.framework.Locator
18	CH ifa.draw.util.Command				CH ifa.draw.standard.LocatorHandle			CH ifa.draw.framework.Locator
19	CH ifa.draw.util.Command				CH ifa.draw.standard.ToolButton			CH ifa.draw.util.PaletteIcon
20	CH ifa.draw.util.Command				CH ifa.draw.standard.StandardDrawingView			CH ifa.draw.framework.Painter
21	CH ifa.draw.util.Command				CH ifa.draw.standard.ReverseFigureEnumerator			CH ifa.draw.util.ReverseVectorEnumerator
	ePAD							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
9	CH ifa.draw.util.Command				CH ifa.draw.standard.CopyCommand			CH ifa.draw.framework.DrawingView
10	CH ifa.draw.util.Command				CH ifa.draw.standard.CutCommand			CH ifa.draw.framework.DrawingView
11	CH ifa.draw.util.Command				CH ifa.draw.standard.DeleteCommand			CH ifa.draw.framework.DrawingView
12	CH ifa.draw.util.Command				CH ifa.draw.standard.DuplicateCommand			CH ifa.draw.framework.DrawingView
13	CH ifa.draw.util.Command				CH ifa.draw.standard.PasteCommand			CH ifa.draw.framework.DrawingView
	SearT							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
9	CH ifa.draw.util.Command				CH ifa.draw.standard.CopyCommand			CH ifa.draw.framework.DrawingView
10	CH ifa.draw.util.Command				CH ifa.draw.standard.CutCommand			CH ifa.draw.framework.DrawingView
11	CH ifa.draw.util.Command				CH ifa.draw.standard.DeleteCommand			CH ifa.draw.framework.DrawingView
12	CH ifa.draw.util.Command				CH ifa.draw.standard.DuplicateCommand			CH ifa.draw.framework.DrawingView
13	CH ifa.draw.util.Command				CH ifa.draw.standard.PasteCommand			CH ifa.draw.framework.DrawingView
	DPDT							
ID	Command				ConcreteCommand			Receiver
1	CH ifa.draw.util.Command				CH ifa.draw.figures.GroupCommand			CH ifa.draw.framework.DrawingView
2	CH ifa.draw.util.Command				CH ifa.draw.figures.InsertImageCommand			CH ifa.draw.framework.DrawingView
3	CH ifa.draw.util.Command				CH ifa.draw.figures.UngroupCommand			CH ifa.draw.framework.DrawingView
4	CH ifa.draw.util.Command				CH ifa.draw.standard.AlignCommand			CH ifa.draw.framework.DrawingView
5	CH ifa.draw.util.Command				CH ifa.draw.standard.BringToFrontCommand			CH ifa.draw.framework.DrawingView
6	CH ifa.draw.util.Command				CH ifa.draw.standard.ChangeAttributeCommand			CH ifa.draw.framework.DrawingView
7	CH ifa.draw.util.Command				CH ifa.draw.standard.SendToBackCommand			CH ifa.draw.framework.DrawingView
8	CH ifa.draw.util.Command				CH ifa.draw.standard.ToggleGridCommand			CH ifa.draw.framework.DrawingView
9	CH ifa.draw.util.Command				CH ifa.draw.standard.CopyCommand			CH ifa.draw.framework.DrawingView
10	CH ifa.draw.util.Command				CH ifa.draw.standard.CutCommand			CH ifa.draw.framework.DrawingView
11	CH ifa.draw.util.Command				CH ifa.draw.standard.DeleteCommand			CH ifa.draw.framework.DrawingView
12	CH ifa.draw.util.Command				CH ifa.draw.standard.DuplicateCommand			CH ifa.draw.framework.DrawingView
13	CH ifa.draw.util.Command				CH ifa.draw.standard.PasteCommand			CH ifa.draw.framework.DrawingView

12	CH.ifa.draw.util.Command	CH.ifa.draw.standard.PasteCommand	CH.ifa.draw.framework.DrawingView	
Template Method				
RaM				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
2	CH.ifa.draw.standard.AbstractHandle			
3	CH.ifa.draw.standard.ActionTool			
4	CH.ifa.draw.standard.ChangeConnectionHandle			
5	CH.ifa.draw.util.PaletteButton			
DPD				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
2	CH.ifa.draw.standard.AbstractHandle			
3	CH.ifa.draw.standard.ActionTool			
4	CH.ifa.draw.standard.ChangeConnectionHandle			
5	CH.ifa.draw.util.PaletteButton			
DPF				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
2	CH.ifa.draw.standard.AbstractHandle			
3	CH.ifa.draw.standard.ActionTool			
4	CH.ifa.draw.standard.ChangeConnectionHandle			
5	CH.ifa.draw.util.PaletteButton			
6	CH.ifa.draw.acplet.DrawAcplet			
7	CH.ifa.draw.standard.ChocBoxConnector			
8	CH.ifa.draw.hours.AttributeFigure			
9	CH.ifa.draw.standard.AbstractConnector			
10	CH.ifa.draw.application.DrawApplication			
11	CH.ifa.draw.figures.TextFigure			
ePAD				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
	CH.ifa.draw.figures.AttributeFigure			
ScaRT				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
2	CH.ifa.draw.standard.AbstractHandle			
3	CH.ifa.draw.standard.ActionTool			
4	CH.ifa.draw.standard.ChangeConnectionHandle			
5	CH.ifa.draw.util.PaletteButton			
DPDT				
ID	AbstractClass			
1	CH.ifa.draw.standard.AbstractFigure			
2	CH.ifa.draw.standard.AbstractHandle			
3	CH.ifa.draw.standard.ChangeConnectionHandle			
JUnit				
Strategy				
RaM				
ID	Context	Strategy		
1	junit.extensions.ActiveTestSuite\$1	junit.framework.Test		
2	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
DPD				
ID	Context	Strategy		
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
DPF				
ID	Context	Strategy		
1	junit.awtui.TestRunner\$10	junit.framework.Test		
2	junit.extensions.ActiveTestSuite\$1	junit.framework.TestSuite		
3	junit.extensions.ActiveTestSuite\$1	junit.framework.Test		
4	junit.samples.money.MoneyTest	junit.samples.money.Money		
5	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
6	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
7	junit.swingui.TestRunner	junit.runner.FailureDetailView		
8	junit.swingui.TestRunner\$16	junit.framework.Test		
9	junit.swingui.TestRunner\$17	junit.framework.Test		
ePAD				
ID	Context	Strategy		
1	junit.awtui.TestRunner\$10	junit.framework.Test		
2	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
4	junit.swingui.TestRunner	junit.runner.FailureDetailView		
5	junit.framework.Test	junit.framework.TestFailure		
6	junit.framework.Test	junit.framework.TestResult		
7	junit.framework.Test	junit.extensions.TestSetup		
8	junit.framework.Test	junit.swingui.TestTreeCellRenderer		
9	junit.framework.Test	junit.swingui.TestTreeModel		
10	junit.framework.Test	junit.swingui.TestHierarchyRunView		
11	junit.runner.BaseTestRunner	junit.swingui.DefaultFailureDetailView		
ScaRT				
ID	Context	Strategy		
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
4	junit.tests.RepeatedTestTest	junit.framework.TestSuite		
5	junit.tests.TestImplementationTest\$DoubleTestCase	junit.framework.TestCase		
DPDT				
ID	Context	Strategy		
1	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
State				
RaM				
ID	Context	State		
1	junit.extensions.ActiveTestSuite\$1	junit.framework.Test		
2	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
DPD				
ID	Context	State		
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
DPF				
ePAD				
ID	Context	State		
1	junit.extensions.ActiveTestSuite\$1	junit.framework.Test		
2	junit.swingui.TestRunner	junit.runner.FailureDetailView		
3	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
4	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
5	junit.framework.Test	junit.extensions.RepeatedTest		
6	junit.framework.Test	junit.framework.TestSuite		
7	junit.framework.Test	junit.extensions.TestDecorator		
8	junit.framework.Test	junit.extensions.ExceptionTestCase		
ScaRT				
ID	Context	State		
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext		
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext		
3	junit.swingui.TestRunner	junit.runner.FailureDetailView		
4	junit.tests.RepeatedTestTest	junit.framework.TestSuite		
5	junit.tests.TestImplementationTest\$DoubleTestCase	junit.framework.TestCase		
DPDT				
ID	Context	State		
1	junit.swingui.TestRunner	junit.runner.FailureDetailView		
Bridge				
Command				
Template Method				
RaM				
ID	AbstractClass			
1	junit.runner.BaseTestRunner			
DPD				
ID	AbstractClass			
1	junit.runner.BaseTestRunner			
DPF				
ID	AbstractClass			
1	junit.awtui.TestRunner			
2	junit.extensions.TestSetup			
3	junit.framework.TestCase			
4	junit.framework.TestSuite			
5	junit.runner.BaseTestRunner			
6	junit.runner.ClassPathTestCollector			

ePAD			
ID	AbstractClass		
1	JUnitRunner.BaseTestRunner		
SparT			
ID	AbstractClass		
1	JUnitRunner.BaseTestRunner		
DPDT			
ID	AbstractClass		
1	JUnitRunner.BaseTestRunner		
JRefactory			
Strategy			
RAM			
DPD			
ID	Context	Strategy	
1	org.acm.sequin.ide.common.action.RefactoringAction	org.acm.sequin.ide.common.action.SelectedFileSet	
2	org.acm.sequin.ide.common.SourceBrowserAdapter	org.acm.sequin.uml.ISourceful	
3	org.acm.sequin.ide.elkixir.version.ElkixirContainsThread	org.acm.sequin.version.VersionControl	
4	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
5	org.acm.sequin.refactor.method.EMParameterFinder	org.acm.sequin.parser.Node	
6	org.acm.sequin.refactor.method.ExtractMethodRefactoring	org.acm.sequin.parser.Node	
7	org.acm.sequin.refactor.method.MoveMethodRefactoring	org.acm.sequin.summary.Summary	
8	org.acm.sequin.refactor.method.MoveMethodVisitor	org.acm.sequin.summary.Summary	
9	org.acm.sequin.summary.FrameworkFileSummaryLoader	org.acm.sequin.summary.load.LoadStatus	
10	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	
11	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.FrameworkLoader	
12	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.EndPointPanel	
13	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.LinePanel	
14	org.acm.sequin.uml.line.LineMouseAdapter	org.acm.sequin.uml.line.LinePanel	
15	org.acm.sequin.uml.line.SegmentedLine	org.acm.sequin.uml.line.EndPointPanel	
16	org.acm.sequin.uml.loader.ReloadSingleton	org.acm.sequin.uml.loader.Reload	
17	org.acm.sequin.uml.SaveMenuSelection	org.acm.sequin.io.Saveable	
18	org.acm.sequin.uml.UMLLine	org.acm.sequin.uml.UMLIcon	
DPF			
ID	Context	Strategy	
1	org.acm.sequin.ide.common.action.RefactoringAction	org.acm.sequin.ide.common.action.SelectedFileSet	
2	org.acm.sequin.ide.common.PackageSelectorDialog	org.acm.sequin.ide.common.PackageSelectorArea	
3	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
4	org.acm.sequin.parser.ast.ASTClassDeclaration	org.acm.sequin.parser.JavaParserVisitor	
5	org.acm.sequin.parser.ast.ASTConstructorDeclaration	org.acm.sequin.parser.JavaParserVisitor	
6	org.acm.sequin.parser.ast.ASTFieldDeclaration	org.acm.sequin.parser.JavaParserVisitor	
7	org.acm.sequin.parser.ast.ASTInterfaceDeclaration	org.acm.sequin.parser.JavaParserVisitor	
8	org.acm.sequin.parser.ast.ASTMethodDeclaration	org.acm.sequin.parser.JavaParserVisitor	
9	org.acm.sequin.parser.ast.ASTNestedClassDeclaration	org.acm.sequin.parser.JavaParserVisitor	
10	org.acm.sequin.parser.ast.ASTNestedInterfaceDeclaration	org.acm.sequin.parser.JavaParserVisitor	
11	org.acm.sequin.parser.ast.ASTPackageDeclaration	org.acm.sequin.parser.JavaParserVisitor	
12	org.acm.sequin.parser.ast.SimpleNode	org.acm.sequin.parser.Node	
13	org.acm.sequin.parser.ast.SimpleNode	org.acm.sequin.parser.JavaParserVisitor	
14	org.acm.sequin.pretty.PrettyPrintVisitor	org.acm.sequin.parser.Node	
15	org.acm.sequin.pretty.sort.MultipleOrdering	org.acm.sequin.pretty.sort.Ordering	
16	org.acm.sequin.pretty.sort.MultipleOrdering	org.acm.sequin.util.Settings	
17	org.acm.sequin.refactor.AddImportTransform	org.acm.sequin.parser.Node	
18	org.acm.sequin.refactor.ComplexTransform	org.acm.sequin.refactor.TransformAST	
19	org.acm.sequin.refactor.field.RenameFieldData	org.acm.sequin.summary.Summary	
20	org.acm.sequin.refactor.method.EMParameterFinder	org.acm.sequin.parser.Node	
21	org.acm.sequin.refactor.method.ExtractMethodRefactoring	org.acm.sequin.parser.Node	
22	org.acm.sequin.refactor.method.MoveMethodRefactoring	org.acm.sequin.summary.Summary	
23	org.acm.sequin.refactor.method.MoveMethodVisitor	org.acm.sequin.summary.Summary	
24	org.acm.sequin.summary.FrameworkFileSummaryLoader	org.acm.sequin.summary.load.LoadStatus	
25	org.acm.sequin.summary.ImportSummary	org.acm.sequin.summary.SummaryVisitor	
26	org.acm.sequin.summary.MethodSummary	org.acm.sequin.summary.SummaryVisitor	
27	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	
28	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.FrameworkLoader	
29	org.acm.sequin.summary.TypeSummary	org.acm.sequin.summary.SummaryVisitor	
30	org.acm.sequin.summary.VariableSummary	org.acm.sequin.summary.SummaryVisitor	
31	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.EndPointPanel	
32	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.LinePanel	
33	org.acm.sequin.uml.line.LineMouseAdapter	org.acm.sequin.uml.line.LinePanel	
34	org.acm.sequin.uml.line.SegmentedLine	org.acm.sequin.uml.line.EndPointPanel	
35	org.acm.sequin.uml.loader.ReloadSingleton	org.acm.sequin.uml.loader.Reload	
36	org.acm.sequin.uml.SaveMenuSelection	org.acm.sequin.io.Saveable	
37	org.acm.sequin.uml.UMLLine	org.acm.sequin.uml.UMLIcon	
ePAD			
SparT			
ID	Context	Strategy	
1	org.acm.sequin.ide.common.action.RefactoringAction	org.acm.sequin.ide.common.action.SelectedFileSet	
2	org.acm.sequin.ide.common.PackageSelectorDialog	org.acm.sequin.ide.common.PackageSelectorArea	
3	org.acm.sequin.ide.elkixir.version.ElkixirContainsThread	org.acm.sequin.version.VersionControl	
4	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
5	org.acm.sequin.ide.tbuilder.UMLNodeViewer	org.acm.sequin.ide.common.ClassDiagramReloader	
6	org.acm.sequin.ide.tbuilder.UMLNodeViewerFactory	org.acm.sequin.ide.common.MultipleDirClassDiagramReloader	
7	org.acm.sequin.metrics.GatherData	org.acm.sequin.metrics.MetricsReport	
8	org.acm.sequin.parser.JavaParser	org.acm.sequin.parser.io.CharStream	
9	org.acm.sequin.parser.JavaParser.TokenManager	org.acm.sequin.parser.io.CharStream	
10	org.acm.sequin.pretty.JavadocDescriptionPrinter	org.acm.sequin.pretty.PrintData	
11	org.acm.sequin.pretty.PrettyPrintFromIDE	org.acm.sequin.pretty.PrintData	
12	org.acm.sequin.pretty.PrintData	org.acm.sequin.pretty.LineQueue	
13	org.acm.sequin.print.text.TextPagePrinter	org.acm.sequin.print.text.LinePrinter	
14	org.acm.sequin.refactor.method.MoveMethodRefactoring	org.acm.sequin.summary.Summary	
15	org.acm.sequin.refactor.method.MoveMethodVisitor	org.acm.sequin.summary.Summary	
16	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.FrameworkLoader	
17	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	
18	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.EndPointPanel	
19	org.acm.sequin.uml.line.SegmentedLine	org.acm.sequin.uml.line.EndPointPanel	
20	org.acm.sequin.uml.SaveMenuSelection	org.acm.sequin.io.Saveable	
21	org.acm.sequin.uml.UMLLine	org.acm.sequin.uml.UMLIcon	
22	org.acm.sequin.uml.UMLPackage	org.acm.sequin.uml.line.SegmentedLine	
23	PrettyPrinter	org.acm.sequin.pretty.PrettyPrintFile	
24	RenameType	org.acm.sequin.refactor.type.RenameClassRefactoring	
25	Recpackage	org.acm.sequin.refactor.type.MoveClass	
DPDT			
ID	Context	Strategy	
1	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
2	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	
State			
RAM			
DPD			
ID	Context	State	
1	org.acm.sequin.ide.common.action.RefactoringAction	org.acm.sequin.ide.common.action.SelectedFileSet	
2	org.acm.sequin.ide.common.SourceBrowserAdapter	org.acm.sequin.uml.ISourceful	
3	org.acm.sequin.ide.elkixir.version.ElkixirContainsThread	org.acm.sequin.version.VersionControl	
4	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
5	org.acm.sequin.refactor.method.EMParameterFinder	org.acm.sequin.parser.Node	
6	org.acm.sequin.refactor.method.ExtractMethodRefactoring	org.acm.sequin.parser.Node	
7	org.acm.sequin.refactor.method.MoveMethodRefactoring	org.acm.sequin.summary.Summary	
8	org.acm.sequin.refactor.method.MoveMethodVisitor	org.acm.sequin.summary.Summary	
9	org.acm.sequin.summary.FrameworkFileSummaryLoader	org.acm.sequin.summary.load.LoadStatus	
10	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	
11	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.FrameworkLoader	
12	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.EndPointPanel	
13	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.LinePanel	
14	org.acm.sequin.uml.line.LineMouseAdapter	org.acm.sequin.uml.line.LinePanel	
15	org.acm.sequin.uml.line.SegmentedLine	org.acm.sequin.uml.line.EndPointPanel	
16	org.acm.sequin.uml.loader.ReloadSingleton	org.acm.sequin.uml.loader.Reload	
17	org.acm.sequin.uml.SaveMenuSelection	org.acm.sequin.io.Saveable	
18	org.acm.sequin.uml.UMLLine	org.acm.sequin.uml.UMLIcon	
DPF			
ID	Context	State	
1	org.acm.sequin.print.xml.XMLLinePrinter	org.acm.sequin.print.xml.State	
2	org.acm.sequin.summary.FileSummary	org.acm.sequin.summary.SummaryLoaderState	
ePAD			
ID	Context	State	
1	org.acm.sequin.print.xml.XMLLinePrinter	org.acm.sequin.print.xml.State	
2	org.acm.sequin.summary.FileSummary	org.acm.sequin.summary.SummaryLoaderState	
SparT			
ID	Context	State	
1	org.acm.sequin.ide.common.action.RefactoringAction	org.acm.sequin.ide.common.action.SelectedFileSet	
2	org.acm.sequin.ide.common.PackageSelectorDialog	org.acm.sequin.ide.common.PackageSelectorArea	
3	org.acm.sequin.ide.elkixir.version.ElkixirContainsThread	org.acm.sequin.version.VersionControl	
4	org.acm.sequin.ide.elkixir.version.ElkixirVersionControlThread	org.acm.sequin.version.VersionControl	
5	org.acm.sequin.ide.tbuilder.UMLNodeViewer	org.acm.sequin.ide.common.ClassDiagramReloader	
6	org.acm.sequin.ide.tbuilder.UMLNodeViewerFactory	org.acm.sequin.ide.common.MultipleDirClassDiagramReloader	
7	org.acm.sequin.metrics.GatherData	org.acm.sequin.metrics.MetricsReport	
8	org.acm.sequin.parser.JavaParser	org.acm.sequin.parser.io.CharStream	
9	org.acm.sequin.parser.JavaParser.TokenManager	org.acm.sequin.parser.io.CharStream	
10	org.acm.sequin.pretty.JavadocDescriptionPrinter	org.acm.sequin.pretty.PrintData	
11	org.acm.sequin.pretty.PrettyPrintFromIDE	org.acm.sequin.pretty.PrintData	
12	org.acm.sequin.pretty.PrintData	org.acm.sequin.pretty.LineQueue	
13	org.acm.sequin.print.text.TextPagePrinter	org.acm.sequin.print.text.LinePrinter	
14	org.acm.sequin.refactor.method.MoveMethodRefactoring	org.acm.sequin.summary.Summary	
15	org.acm.sequin.refactor.method.MoveMethodVisitor	org.acm.sequin.summary.Summary	
16	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.FrameworkLoader	
17	org.acm.sequin.summary.SummaryTraversal	org.acm.sequin.summary.load.LoadStatus	

18	org.acm.sequin.uml.line.DragPanelAdapter	org.acm.sequin.uml.line.EndPointPanel	
19	org.acm.sequin.uml.line.SegmentedLine	org.acm.sequin.uml.line.EndPointPanel	
20	org.acm.sequin.uml.SaveMenuSelection	org.acm.sequin.io.Savesable	
21	org.acm.sequin.uml.UMLLine	org.acm.sequin.uml.UMLIcon	
22	org.acm.sequin.uml.UMLPackage	org.acm.sequin.uml.line.SegmentedLine	
23	PrettyPrinter	org.acm.sequin.pretty.PrettyPrintFile	
24	RenameTwice	org.acm.sequin.refactor.type.RenameClassRefactoring	
25	Recackage	org.acm.sequin.refactor.type.MoveClass	
	DPDT		
	Bridge		
	Command		
	Template Method		
	RaM		
	DPD		
ID	AbstractClass		
1	org.acm.sequin.ide.common.action.CurrentSummary		
2	org.acm.sequin.ide.common.action.RefactoringAction		
3	org.acm.sequin.io.DirectoryTreeTraversal		
4	org.acm.sequin.metrics.MetricsFrame		
5	org.acm.sequin.metrics.MetricsReport		
6	org.acm.sequin.parser.factory.ParserFactory		
7	org.acm.sequin.pretty.PrettyPrintFromIDE		
8	org.acm.sequin.pretty.sort.Ordering		
9	org.acm.sequin.print.xml.State		
10	org.acm.sequin.refactor.Refactoring		
11	org.acm.sequin.refactor.type.AddClassRefactoring		
12	org.acm.sequin.refactor.type.TypeChangeVisitor		
13	org.acm.sequin.summary.query.TypeList		
14	org.acm.sequin.uml.refactor.DialogViewListener		
15	org.acm.sequin.uml.refactor.ExtractMethodDialog		
16	org.acm.sequin.uml.refactor.NoInputRefactoringListener		
17	org.acm.sequin.uml.refactor.RefactoringDialog		
	DPP		
ID	AbstractClass		
1	org.acm.sequin.ide.common.action.CurrentSummary		
2	org.acm.sequin.ide.common.action.RefactoringAction		
3	org.acm.sequin.ide.elixir.PrettyPrinterExtension		
4	org.acm.sequin.io.DirectoryTreeTraversal		
5	org.acm.sequin.metrics.MetricsFrame		
6	org.acm.sequin.metrics.MetricsReport		
7	org.acm.sequin.parser.ast.SimpleNode		
8	org.acm.sequin.parser.factory.ParserFactory		
9	org.acm.sequin.pretty.LineQueue		
10	org.acm.sequin.pretty.PrettyPrintFile		
11	org.acm.sequin.pretty.PrettyPrintFromIDE		
12	org.acm.sequin.pretty.PrettyPrintString		
13	org.acm.sequin.pretty.PrintData		
14	org.acm.sequin.pretty.sort.Ordering		
15	org.acm.sequin.print.text.LinePrinter		
16	org.acm.sequin.print.xml.State		
17	org.acm.sequin.refactor.method.AddNewMethod		
18	org.acm.sequin.refactor.Refactoring		
19	org.acm.sequin.refactor.RefactoringFactory		
20	org.acm.sequin.refactor.type.RenameClassVisitor		
21	org.acm.sequin.refactor.type.TypeChangeVisitor		
22	org.acm.sequin.summary.LineCountVisitor		
23	org.acm.sequin.summary.query.TypeList		
24	org.acm.sequin.uml.line.SegmentedLine		
25	org.acm.sequin.uml.refactor.DialogViewListener		
26	org.acm.sequin.uml.refactor.ExtractMethodDialog		
27	org.acm.sequin.uml.refactor.NoInputRefactoringListener		
28	org.acm.sequin.uml.refactor.RefactoringDialog		
29	org.acm.sequin.uml.UMLLine		
	ePAD		
1	LineQueue		
2	PrintData		
3	RefactoringFactory		
4	SegmentedLine		
5	UMLLine		
	ScarT		
ID	AbstractClass		
1	org.acm.sequin.ide.common.action.CurrentSummary		
2	org.acm.sequin.ide.common.action.RefactoringAction		
3	org.acm.sequin.io.DirectoryTreeTraversal		
4	org.acm.sequin.metrics.MetricsFrame		
5	org.acm.sequin.metrics.MetricsReport		
6	org.acm.sequin.parser.factory.ParserFactory		
7	org.acm.sequin.pretty.PrettyPrintFromIDE		
8	org.acm.sequin.pretty.sort.Ordering		
9	org.acm.sequin.print.xml.State		
10	org.acm.sequin.refactor.Refactoring		
11	org.acm.sequin.refactor.type.AddClassRefactoring		
12	org.acm.sequin.refactor.type.TypeChangeVisitor		
13	org.acm.sequin.summary.query.TypeList		
14	org.acm.sequin.uml.refactor.ClassNameDialog		
15	org.acm.sequin.uml.refactor.DialogViewListener		
16	org.acm.sequin.uml.refactor.ExtractMethodDialog		
17	org.acm.sequin.uml.refactor.NoInputRefactoringListener		
18	org.acm.sequin.uml.refactor.RefactoringDialog		
	DPDT		
ID	AbstractClass		
1	org.acm.sequin.ide.common.action.CurrentSummary		
2	org.acm.sequin.metrics.MetricsReport		
3	org.acm.sequin.parser.factory.ParserFactory		
4	org.acm.sequin.pretty.PrettyPrintFromIDE		
5	org.acm.sequin.pretty.sort.Ordering		
6	org.acm.sequin.refactor.Refactoring		
	QuickUML		
	Strategy		
	RaM		
ID	Context	Strategy	
1	diagram.DefaultFigureRenderer	diagram.Figure	
2	diagram.uml.ui.ToolPalette	diagram.tool.Tool	
	DPP		
ID	Context	Strategy	
1	diagram.DiagramUI	diagram.FigureRenderer	
2	diagram.DiagramUI	diagram.SelectionModel	
3	diagram.DiagramUI	diagram.DiagramModel	
4	diagram.DiagramUISlayer	diagram.FigureRenderer	
5	diagram.DiagramUISlayer	diagram.SelectionModel	
6	diagram.DiagramUISPropertyChangeListener	diagram.DiagramModel	
7	diagram.DiagramUISPropertyChangeListener	diagram.SelectionModel	
8	diagram.DefaultFigureRenderer	diagram.Figure	
9	diagram.shape.PolyLine2DIterator	diagram.shape.PolyLine2D	
10	diagram.uml.ui.ToolPalette	diagram.tool.Tool	
11	uml.ui.BuildAction\$BuildDialog	uml.builder.CodeBuilder	
12	uml.ui.ToolPalette\$ToolButton	diagram.tool.Tool	
	ePAD		
ID	Context	Strategy	
1	diagram.DefaultFigureRenderer	Figure	
	SparT		
ID	Context	Strategy	
1	diagram.DefaultLinkEditor	diagram.DefaultLabelRenderer	
2	diagram.DefaultLinkRenderer	diagram.DefaultLabelRenderer	
3	diagram.tool.EditinoTool	diagram.FigureEditor	
4	diagram.ValueIterator	diagram.DiagramModel	
5	uml.ui.ToolPalette	diagram.tool.Tool	
6	uml.ui.ToolPalette\$ToolButton	diagram.tool.Tool	
	DPDT		
	State		
	RaM		
ID	Context	State	
1	diagram.DefaultFigureRenderer	diagram.Figure	
2	uml.ui.ToolPalette	diagram.tool.Tool	
	DPP		
	ePAD		
ID	Context	State	
1	diagram.DiagramUI	diagram.SelectionModel	
2	diagram.DiagramUI	diagram.DiagramModel	
3	uml.ui.ToolPalette	diagram.tool.Tool	
	ScarT		
ID	Context	State	
1	diagram.DefaultLinkEditor	diagram.DefaultLabelRenderer	
2	diagram.DefaultLinkRenderer	diagram.DefaultLabelRenderer	
3	diagram.tool.EditinoTool	diagram.FigureEditor	
4	diagram.ValueIterator	diagram.DiagramModel	
5	uml.ui.ToolPalette	diagram.tool.Tool	

6	uml.ui.ToolPalette\$ToggleButton	diagram.tool.Tool	
DPDT			
Bridge			
Command			
RaM			
ID	Command	ConcreteCommand	
1	diagram.DiagramModel	diagram.AbstractDiagramModel	
2	diagram.SelectionModel	diagram.AbstractSelectionModel	
DPF			
ePAD			
ID	Command	ConcreteCommand	
1	java.awt.event.ActionListener	uml.ui.DiagramContainer\$ExportGifAction	
2	java.awt.event.ActionListener	uml.ui.DiagramContainer\$PrintAction	
3	java.awt.event.ActionListener	uml.ui.DiagramContainer\$ScaledPrintAction	
4	java.awt.event.ActionListener	uml.ui.DiagramContainer\$OpenAction	
5	java.awt.event.ActionListener	uml.ui.DiagramContainer\$SaveAction	
6	java.awt.event.ActionListener	uml.ui.BuildAction\$BuildDialog	
SparT			
DPDT			
Template Method			
RaM			
ID	AbstractClass		
1	acme.ImageEncoder		
2	diagram.shape.PolyLine2D		
3	uml.diagram.AbstractLayout		
4	uml.ui.ExportAction		
5	uml.ui.PrintableAction		
DPF			
ID	AbstractClass		
1	acme.ImageEncoder		
2	diagram.DefaultFigureRenderer		
3	diagram.DefaultLabelRenderer		
4	diagram.DefaultLinkRenderer		
5	diagram.shape.PolyLine2D		
6	uml.builder.MetaComponent		
7	uml.ui.ExportAction		
8	uml.ui.PrintableAction		
ePAD			
ID	AbstractClass		
1	acme.ImageEncoder		
SparT			
ID	AbstractClass		
1	acme.ImageEncoder		
2	diagram.shape.PolyLine2D		
3	uml.ui.ExportAction		
4	uml.ui.PrintableAction		
DPDT			
ID	AbstractClass		
1	acme.ImageEncoder		
2	diagram.shape.PolyLine2D		
PMD			
Strategy			
DPF			
ID	Context	Strategy	
1	net.sourceforge.pmd.ast.JavaParser.TokenManager	net.sourceforge.pmd.ast.CharStream	
2	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.Node	
3	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.JavaParserVisitor	
4	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.CPDListener	
5	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Tokenizer	
6	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Lanquage	
7	net.sourceforge.pmd.cpd.MatchAlgorithm	net.sourceforge.pmd.cpd.CPDListener	
8	net.sourceforge.pmd.jaxen.NodeIterator	net.sourceforge.pmd.ast.Node	
9	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetDKVersion	
10	net.sourceforge.pmd.rules.ConstructorCallsOverridableMethodRule\$MethodInvocation	net.sourceforge.pmd.ast.Node	
11	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
12	net.sourceforge.pmd.symboltable.ImageFinderFunction	net.sourceforge.pmd.symboltable.NameDeclaration	
13	net.sourceforge.pmd.symboltable.AbstractNameOccurrence	net.sourceforge.pmd.ast.Node	
14	net.sourceforge.pmd.symboltable.Search	net.sourceforge.pmd.symboltable.Scope	
15	net.sourceforge.pmd.util.viewer.gui.menu.SimpleNodeSubMenu	net.sourceforge.pmd.ast.Node	
16	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
17	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
18	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
19	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	
20	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule	
21	test.net.sourceforge.pmd.stat.StatisticalRuleTest	net.sourceforge.pmd.Rule	
SparT			
ID	Context	Strategy	
1	net.sourceforge.pmd.ast.JavaParser.TokenManager	net.sourceforge.pmd.ast.CharStream	
2	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetDKVersion	
3	net.sourceforge.pmd.RuleViolation	net.sourceforge.pmd.Rule	
4	net.sourceforge.pmd.symboltable.AbstractNameDeclaration	net.sourceforge.pmd.ast.SimpleNode	
5	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
6	net.sourceforge.pmd.symboltable.NameOccurrence	net.sourceforge.pmd.ast.SimpleNode	
7	net.sourceforge.pmd.util.viewer.gui.menu.AttributesSubMenu	net.sourceforge.pmd.ast.SimpleNode	
8	net.sourceforge.pmd.util.viewer.gui.menu.SimpleNodeSubMenu	net.sourceforge.pmd.ast.SimpleNode	
9	net.sourceforge.pmd.util.viewer.model.SimpleNodeTreeNodeAdapter	net.sourceforge.pmd.ast.SimpleNode	
10	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
11	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
12	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
13	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	
14	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule	
DPDT			
ID	Context	Strategy	
1	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.Node	
2	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.CPDListener	
3	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Lanquage	
4	net.sourceforge.pmd.cpd.MatchAlgorithm	net.sourceforge.pmd.cpd.CPDListener	
5	net.sourceforge.pmd.ast.JavaParser.TokenManager	net.sourceforge.pmd.ast.CharStream	
6	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetDKVersion	
7	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
8	net.sourceforge.pmd.symboltable.NameOccurrence	net.sourceforge.pmd.ast.SimpleNode	
State			
DPF			
ID	Context	State	
1	net.sourceforge.pmd.ast.JavaParser.TokenManager	net.sourceforge.pmd.ast.CharStream	
2	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.Node	
3	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.JavaParserVisitor	
4	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.CPDListener	
5	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Tokenizer	
6	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Lanquage	
7	net.sourceforge.pmd.cpd.MatchAlgorithm	net.sourceforge.pmd.cpd.CPDListener	
8	net.sourceforge.pmd.jaxen.NodeIterator	net.sourceforge.pmd.ast.Node	
9	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetDKVersion	
10	net.sourceforge.pmd.rules.ConstructorCallsOverridableMethodRule\$MethodInvocation	net.sourceforge.pmd.ast.Node	
11	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
12	net.sourceforge.pmd.symboltable.ImageFinderFunction	net.sourceforge.pmd.symboltable.NameDeclaration	
13	net.sourceforge.pmd.symboltable.NameOccurrence	net.sourceforge.pmd.ast.Node	
14	net.sourceforge.pmd.symboltable.Search	net.sourceforge.pmd.symboltable.Scope	
15	net.sourceforge.pmd.util.viewer.gui.menu.SimpleNodeSubMenu	net.sourceforge.pmd.ast.Node	
16	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
17	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
18	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
19	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	
20	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule	
21	test.net.sourceforge.pmd.stat.StatisticalRuleTest	net.sourceforge.pmd.Rule	
SparT			
ID	Context	State	
1	net.sourceforge.pmd.ast.JavaParser.TokenManager	net.sourceforge.pmd.ast.CharStream	
2	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetDKVersion	
3	net.sourceforge.pmd.RuleViolation	net.sourceforge.pmd.Rule	
4	net.sourceforge.pmd.symboltable.AbstractNameDeclaration	net.sourceforge.pmd.ast.SimpleNode	
5	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
6	net.sourceforge.pmd.symboltable.NameOccurrence	net.sourceforge.pmd.ast.SimpleNode	
7	net.sourceforge.pmd.util.viewer.gui.menu.AttributesSubMenu	net.sourceforge.pmd.ast.SimpleNode	
8	net.sourceforge.pmd.util.viewer.gui.menu.SimpleNodeSubMenu	net.sourceforge.pmd.ast.SimpleNode	
9	net.sourceforge.pmd.util.viewer.model.SimpleNodeTreeNodeAdapter	net.sourceforge.pmd.ast.SimpleNode	
10	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
11	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
12	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
13	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	
14	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule	
DPDT			
ID	Context	State	
1	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
2	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
3	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
4	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	

5	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule		
Bridge				
Command				
DPF				
ID	Invoker	Receiver	Command	ConcreteCommand
1	net.sourceforge.pmd.util.viewer.gui.MainFrame	net.sourceforge.pmd.util.viewer.model.ViewerModel	java.awt.event.ActionListener	net.sourceforge.pmd.util.viewer.gui.MainFrame
2	net.sourceforge.pmd.util.viewer.gui.ASTPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	net.sourceforge.pmd.util.viewer.model.ViewerModelListener	net.sourceforge.pmd.util.viewer.gui.ASTPanel
3	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	javax.swing.event.TreeSelectionListener	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel
4	net.sourceforge.pmd.symboltable.ImageFinderFunction	net.sourceforge.pmd.symboltable.NameDeclaration	net.sourceforge.pmd.util.UnaryFunction	net.sourceforge.pmd.symboltable.ImageFinderFunction
SparT				
DPDT				
ID	Command	ConcreteCommand		
1	net.sourceforge.pmd.util.viewer.model.ViewerModelListener	net.sourceforge.pmd.util.viewer.gui.ASTPanel		
TemplateMethod				
DPF				
ID	AbstractClass			
1	net.sourceforge.pmd.iaxen.NodeIterator			
2	net.sourceforge.pmd.symboltable.AbstractScope			
SparT				
ID	AbstractClass			
1	net.sourceforge.pmd.iaxen.NodeIterator			
2	net.sourceforge.pmd.symboltable.AbstractScope			
DPDT				
ID	AbstractClass			
1	net.sourceforge.pmd.symboltable.AbstractScope			
MapperXML				
Strategy				
ePAD				
ID	Context	Strategy		
1	MDocument	TextModel		
2	DOM_1_20000929.DocumentAdapter	AbstractWriter		
SparT				
ID	Context	Strategy		
1	com.taursys.model.DefaultTextModel	com.taursys.model.ValueHolder		
2	com.taursys.swing.MComboBoxModel	com.taursys.model.ListValueHolder		
3	com.taursys.swing.MComboBoxModel	com.taursys.model.ValueHolder		
4	com.taursys.servlet.ServletForm	com.taursys.servlet.respond.Responder		
5	com.taursys.html.test.HTMLComponentFactoryTest\$TestContainer	com.taursys.dom.DocumentAdapter		
6	com.taursys.swing.MTableModel	com.taursys.model.ListValueHolder		
7	com.taursys.dom.DOM_1_20000929.DocumentAdapter	com.taursys.dom.AbstractWriter		
8	com.taursys.xml.Parameter	com.taursys.model.TextModel		
9	com.taursys.model.DefaultSelectModel	com.taursys.model.CollectionValueHolder		
10	com.taursys.xml.Form	com.taursys.dom.DocumentAdapter		
11	com.taursys.swing.MDocument	com.taursys.model.TextModel		
12	com.taursys.swing.ListSelectionBinder	com.taursys.model.ListValueHolder		
DPDT				
ID	Context	Strategy		
1	com.taursys.model.DefaultTextModel	com.taursys.model.ValueHolder		
2	com.taursys.swing.MComboBoxModel	com.taursys.model.ListValueHolder		
3	com.taursys.swing.MTableModel	com.taursys.model.ListValueHolder		
4	com.taursys.dom.DOM_1_20000929.DocumentAdapter	com.taursys.dom.AbstractWriter		
5	com.taursys.xml.Parameter	com.taursys.model.TextModel		
6	com.taursys.swing.MDocument	com.taursys.model.TextModel		
State				
ePAD				
ID	MDocument	TextModel		
SparT				
ID	Context	State		
1	com.taursys.model.DefaultTextModel	com.taursys.model.ValueHolder		
2	com.taursys.swing.MComboBoxModel	com.taursys.model.ListValueHolder		
3	com.taursys.swing.MComboBoxModel	com.taursys.model.ValueHolder		
4	com.taursys.servlet.ServletForm	com.taursys.servlet.respond.Responder		
5	com.taursys.html.test.HTMLComponentFactoryTest\$TestContainer	com.taursys.dom.DocumentAdapter		
6	com.taursys.swing.MTableModel	com.taursys.model.ListValueHolder		
7	com.taursys.dom.DOM_1_20000929.DocumentAdapter	com.taursys.dom.AbstractWriter		
8	com.taursys.xml.Parameter	com.taursys.model.TextModel		
9	com.taursys.model.DefaultSelectModel	com.taursys.model.CollectionValueHolder		
10	com.taursys.xml.Form	com.taursys.dom.DocumentAdapter		
11	com.taursys.swing.MDocument	com.taursys.model.TextModel		
12	com.taursys.swing.ListSelectionBinder	com.taursys.model.ListValueHolder		
DPDT				
Bridge				
ePAD				
SparT				
ID	Abstraction	Implementor		
1	com.taursys.servlet.respond.AbstractResponder	com.taursys.servlet.ServletForm		
DPDT				
Command				
ePAD				
SparT				
DPDT				
Template Method				
ePAD				
ID	AbstractClass			
1	com.taursys.xml.Component			
2	com.taursys.tools.Settings			
SparT				
ID	AbstractClass			
1	com.taursys.xml.ComponentFactory			
2	com.taursys.tools.Settings			
3	com.taursys.xml.event.Dispatcher			
4	com.taursys.model.AbstractValueHolder			
DPDT				
ID	AbstractClass			
1	com.taursys.tools.Settings			
2	com.taursys.model.AbstractValueHolder			

2. Benchmarks

JHotDraw			
Strategy			
ID	Context	Strategy	
1	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator	
2	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector	
3	CH.ifa.draw.standard.LocatorConnector	CH.ifa.draw.framework.Locator	
4	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator	
5	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter	
6	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.PointConstrainer	
State			
ID	Context	State	
1	CH.ifa.draw.standard.SelectionTool	CH.ifa.draw.framework.Tool	
2	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.Figure	
3	CH.ifa.draw.standard.CreationTool	CH.ifa.draw.framework.Figure	
4	CH.ifa.draw.standard.DragTracker	CH.ifa.draw.framework.Figure	
5	CH.ifa.draw.figures.TextTool	CH.ifa.draw.standard.TextHolder	
6	CH.ifa.draw.samples.javadraw.URLTool	CH.ifa.draw.framework.Figure	
Bridge			
Command			
ID	Command	ConcreteCommand	Receiver
1	CH.ifa.draw.util.Command	CH.ifa.draw.figures.GroupCommand	CH.ifa.draw.framework.DrawingView
2	CH.ifa.draw.util.Command	CH.ifa.draw.figures.InsertImageCommand	CH.ifa.draw.framework.DrawingView
3	CH.ifa.draw.util.Command	CH.ifa.draw.figures.UngroupCommand	CH.ifa.draw.framework.DrawingView
4	CH.ifa.draw.util.Command	CH.ifa.draw.standard.AlignCommand	CH.ifa.draw.framework.DrawingView
5	CH.ifa.draw.util.Command	CH.ifa.draw.standard.BringToFrontCommand	CH.ifa.draw.framework.DrawingView
6	CH.ifa.draw.util.Command	CH.ifa.draw.standard.ChangeAttributeCommand	CH.ifa.draw.framework.DrawingView
7	CH.ifa.draw.util.Command	CH.ifa.draw.standard.SendToBackCommand	CH.ifa.draw.framework.DrawingView
8	CH.ifa.draw.util.Command	CH.ifa.draw.standard.ToggleGridCommand	CH.ifa.draw.framework.DrawingView
9	CH.ifa.draw.util.Command	CH.ifa.draw.standard.CopyCommand	CH.ifa.draw.framework.DrawingView
10	CH.ifa.draw.util.Command	CH.ifa.draw.standard.CutCommand	CH.ifa.draw.framework.DrawingView
11	CH.ifa.draw.util.Command	CH.ifa.draw.standard.DeleteCommand	CH.ifa.draw.framework.DrawingView
12	CH.ifa.draw.util.Command	CH.ifa.draw.standard.DuplicateCommand	CH.ifa.draw.framework.DrawingView
13	CH.ifa.draw.util.Command	CH.ifa.draw.standard.PasteCommand	CH.ifa.draw.framework.DrawingView
Template Method			
ID	AbstractClass		
1	CH.ifa.draw.standard.AbstractFigure		
2	CH.ifa.draw.standard.AbstractHandle		
3	CH.ifa.draw.standard.ActionTool		
4	CH.ifa.draw.standard.ChangeConnectionHandle		
5	CH.ifa.draw.util.PaletteButton		
JUnit			
Strategy			
ID	Context	Strategy	
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext	
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestRunContext	
State			
ID	Context	State	
1	junit.swingui.TestRunner	junit.runner.FailureDetailView	
Bridge			
Command			
Template Method			
ID	AbstractClass		
1	junit.runner.BaseTestRunner		
JRefactory			
Strategy			
State			
ID	Context	State	
1	org.acm.seguin.print.xml.XMLLinePrinter	org.acm.seguin.print.xml.State	
2	org.acm.seguin.summary.FileSummary	org.acm.seguin.summary.SummaryLoaderState	
Bridge			
Command			
Template Method			
ID	AbstractClass		
1	org.acm.seguin.ide.common.action.CurrentSummary		
2	org.acm.seguin.metrics.MetricsReport		
3	org.acm.seguin.parser.factory.ParserFactory		
4	org.acm.seguin.pretty.PrettyPrintFromIDE		
5	org.acm.seguin.pretty.sort.Ordering		
6	org.acm.seguin.refactor.Refactoring		
QuickUML			
Strategy			
State			
ID	Context	State	
1	uml.ui.ToolPalette	diagram.tool.Tool	
Bridge			
Command			
Template Method			

ID	AbstractClass		
1	acme.ImageEncoder		
2	diagram.shape.PolyLine2D		
3	uml.ui.ExportAction		
4	uml.ui.PrintableAction		
PMD			
Strategy			
ID	Context	Strategy	
1	net.sourceforge.pmd.ast.SimpleNode	net.sourceforge.pmd.ast.Node	
2	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.CPDListener	
3	net.sourceforge.pmd.cpd.CPD	net.sourceforge.pmd.cpd.Language	
4	net.sourceforge.pmd.cpd.MatchAlgorithm	net.sourceforge.pmd.cpd.CPDListener	
5	net.sourceforge.pmd.ast.JavaParserTokenManager	net.sourceforge.pmd.ast.CharStream	
6	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetJDKVersion	
7	net.sourceforge.pmd.symboltable.BasicScopeCreationVisitor	net.sourceforge.pmd.symboltable.ScopeFactory	
8	net.sourceforge.pmd.symboltable.NameOccurrence	net.sourceforge.pmd.ast.SimpleNode	
State			
ID	Context	State	
1	test.net.sourceforge.pmd.rules.AvoidDeeplyNestedIfStmtsRuleTest	net.sourceforge.pmd.Rule	
2	test.net.sourceforge.pmd.rules.BeanMembersShouldSerializeRuleTest	net.sourceforge.pmd.Rule	
3	test.net.sourceforge.pmd.rules.CouplingBetweenObjectsRuleTest	net.sourceforge.pmd.Rule	
4	test.net.sourceforge.pmd.rules.ExcessiveImportsRuleTest	net.sourceforge.pmd.Rule	
5	test.net.sourceforge.pmd.rules.ShortVariableRuleTest	net.sourceforge.pmd.Rule	
Bridge			
Command			
Template Method			
ID	AbstractClass		
1	net.sourceforge.pmd.jaxen.NodeIterator		
2	net.sourceforge.pmd.symboltable.AbstractScope		
MapperXML			
Strategy			
ID	Context	Strategy	
1	DOM_1_20000929_DocumentAdapter	AbstractWriter	
State			
Bridge			
Command			
Template Method			
ID	AbstractClass		
1	com.taursys.xml.event.Dispatcher		

3. Discussion of the Volunteer Group with Respect to the Instances Disagreed between RaM, DPD, DPF, ePAD, SparT, and DPDT

System	Design Pattern	Instance	Support †							(Document)	Note
			RaM	DPD	DPF	ePAD	SparT	DPDT			
JHotDraw	Strategy	PolygonHandle Locator	yes	yes	yes	no	yes	yes	yes	noted in the code comments of JHotDraw	
		LineConnection Connector	yes	yes	yes	no	yes	yes	yes	noted in the code comments of JHotDraw	
		LocatorConnector Locator	no	yes	yes	no	yes	yes	yes	noted in the code comments of JHotDraw	
		LocatorHandle Locator	no	yes	yes	no	yes	yes	yes	noted in the code comments of JHotDraw	
	State	AbstractTool DrawingView	yes	yes	no	yes	yes	no	/	AbstractTool delegates to DrawingView, but the state never changes.	
		FollowURLTool Applet	no	no	no	yes	no	no	/	FollowURLTool delegates to Applet, but the state never changes.	
	Template Method	HandleTracker Handle	no	yes	yes	yes	yes	no	/	HandleTracker delegates to Handle, but the state never changes.	
		AbstractHandle	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is displayBox(), and a PrimitiveOperation is locate().	
		ActionTool	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is mouseDown(), and a PrimitiveOperation is action().	
		ChangeConnectionHandle	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is invokeStart(), and a PrimitiveOperation is target().	
JUnit	Strategy	PaletteButton	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is paint(), and a PrimitiveOperation is paintNormal().	
		TestRunner\$10 Test	no	no	yes	yes	no	no	/	It is a non-GoF variant that employs a local variable as strategy, while a GoF Strategy is based on aggregation in which context and strategy have identical lifetimes.	
		State	ActiveTestSuite\$1 Test	yes	no	no	yes	no	no	/	It is a non-GoF variant that employs a local variable as state, while a GoF State is based on aggregation in which context and state have identical lifetimes.
		Strategy	DefaultFigureRenderer Figure	yes	yes	yes	yes	no	no	/	DefaultFigureRenderer never delegates to Figure.
	Template Method	PolyLine2D	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is currentSegment(), and a PrimitiveOperation is getpXN().	
		ExportAction	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is writeGIF(), and a PrimitiveOperation is getComponent().	
	MapperXML	Template Method	PrintableAction	yes	yes	yes	no	yes	yes	/	A TemplateMethod operation is print(), and a PrimitiveOperation is getComponent().
			Component	/	/	/	yes	no	no	/	no method plays the TemplateMethod operation

† "yes" ("no") means the approach or document supports (does not support) the instance with respect to the given design pattern.

"/" means no information is available with respect to the approach or document.