Legend:			
Program Name			
Pattern Name			
True Positive			
False Positive			
Role Name			
Unavailable			

JHotDraw 5.1

Factory Method

RaM

ID	Creator	ConcreteCreator	Product	ConcreteProduct
1	draw.framework.DrawingView	draw.standard.StandardDrawingView		
2	draw.framework.Figure	draw.standard.AbstractFigure	draw.framework.Connector	CH.ifa.draw.standard.ChopBoxConnector
3	draw.framework.Figure	draw.figures.EllipseFigure	draw.framework.Handle	draw.standard.EastHandle

DPD

ID	Creator	ConcreteCreator		
1	CH.ifa.draw.framework.DrawingView	CH.ifa.draw.standard.StandardDrawingView		
2	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.AbstractFigure		

DPF

ID	Creator			
1	CH.ifa.draw.figures.TextFigure			
2	CH.ifa.draw.framework.DrawingView			

SparT

ID	Creator	ConcreteCreator	Product	ConcreteProduct
1	CH.ifa.draw.framework.DrawingView	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.FigureEnumeration	CH.ifa.draw.standard.FigureEnumerator
2	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.Connector	CH.ifa.draw.standard.ChopBoxConnector
			CH.ifa.draw.framework.FigureEnumeration	CH.ifa.draw.standard.FigureEnumerator

Abstract Factory

RaM

DPD

DPF

SparT

Builder

RaM

ID	Director	Builder	
1	CH.ifa.draw.framework.Connector	CH.ifa.draw.figures.LineConnection	
2	draw.standard.ConnectionTool	draw.framework.Connector	

DPD

DPF

ID	Director	Builder	
1	CH.ifa.draw.framework.Connector	CH.ifa.draw.figures.LineConnection	

SparT

Prototype

RaM

ID	Prototype	Clinet	ConcretePrototype
1	draw.framework.ConnectionFigure	draw.standard.ConnectionHandle	draw.figures.LineConnection
2	draw.framework.Figure	draw.standard.CreationTool	draw.figures.EllipseFigure
			draw.figures.ImageFigure
			draw.figures.PolygonFigure

DPD

ID	Prototype	Client	
1	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.ConnectionHandle	
2	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.ConnectionTool	
3	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.CreationTool	

DPF

ID	Prototype	Client	
1	CH.ifa.draw.framework.ConnectionFigure	CH.ifa.draw.standard.ConnectionHandle	
2	CH.ifa.draw.framework.ConnectionFigure	CH.ifa.draw.standard.ConnectionTool	
3	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.CreationTool	

SparT

ID	Prototype	Client	
1	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.ConnectionHandle	
2	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.ConnectionTool	
3	CH.ifa.draw.framework.Figure	CH.ifa.draw.standard.CreationTool	

Singleton

RaM

ID	Singleton		
1	draw.util.Clipboard		
2	draw.util.Iconkit		

DPD

ID	Singleton		
1	draw.util.Clipboard		
2	draw.util.Iconkit		

DPF

ID	Singleton		
1	CH.ifa.draw.util.Clipboard		
2	CH.ifa.draw.util.Iconkit		

SparT

ID	Singleton		
1	CH.ifa.draw.util.Clipboard		
2	CH.ifa.draw.util.Iconkit		

Adapter

RaM

ID	Adapter	Adaptee	
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.ToolButton	
2	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.standard.ToolButton	
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.LineConnection	CH.ifa.draw.framework.Connector	
7	CH.ifa.draw.figures.RadiusHandle	CH.ifa.draw.figures.RoundRectangleFigure	
8	CH.ifa.draw.figures.TextFigure	CH.ifa.draw.standard.OffsetLocator	
9	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.FigureChangeListener	
10	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView	
11	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.ConnectionFigure	
12	CH.ifa.draw.standard.CreationTool	CH.ifa.draw.framework.Figure	
13	CH.ifa.draw.standard.HandleTracker	CH.ifa.draw.framework.Handle	
14	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator	
15	CH.ifa.draw.standard.ReverseFigureEnumerator	CH.ifa.draw.util.ReverseVectorEnumerator	
16	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing	
17	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor	
18	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter	
19	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.util.PaletteIcon	

DPD

ID	Adapter	Adaptee	Target
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.framework.DrawingEditor
			CH.ifa.draw.util.PaletteListener
2	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.framework.DrawingEditor
			CH.ifa.draw.util.PaletteListener
3	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator	CH.ifa.draw.standard.AbstractHandle
4	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector	CH.ifa.draw.framework.ConnectionFigure
5	CH.ifa.draw.figures.RadiusHandle	CH.ifa.draw.figures.RoundRectangleFigure	CH.ifa.draw.standard.AbstractHandle
6	CH.ifa.draw.figures.TextFigure	CH.ifa.draw.standard.OffsetLocator	CH.ifa.draw.standard.AbstractFigure
7	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.FigureChangeListener	CH.ifa.draw.framework.Figure
8	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView	CH.ifa.draw.framework.Tool
9	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator	CH.ifa.draw.standard.AbstractHandle
10	CH.ifa.draw.standard.ReverseFigureEnumerator	CH.ifa.draw.util.ReverseVectorEnumerator	CH.ifa.draw.framework.FigureEnumeration
11	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing	CH.ifa.draw.framework.DrawingView
12	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor	CH.ifa.draw.framework.DrawingView
13	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter	CH.ifa.draw.framework.DrawingView
14	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.util.PaletteIcon	CH.ifa.draw.util.PaletteButton

DPF

ID	Adapter	Adaptee	
1	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector	
2	CH.ifa.draw.figures.RadiusHandle	CH.ifa.draw.figures.RoundRectangleFigure	
3	CH.ifa.draw.standard.AbstractConnector	CH.ifa.draw.framework.Figure	
4	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.FigureChangeListener	
5	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing	
6	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.util.PaletteIcon	
7		CH.ifa.draw.util.ReverseVectorEnumerator	

SparT

ID	Adatper	Adaptee	
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.ToolButton	
2	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.standard.ToolButton	
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.TextFigure	CH.ifa.draw.framework.Figure	
7	CH.ifa.draw.figures.TextFigure	CH.ifa.draw.standard.OffsetLocator	

ID				
8	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView		
9	CH.ifa.draw.standard.HandleTracker	CH.ifa.draw.framework.Handle		
10	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator		
11	CH.ifa.draw.standard.ReverseFigureEnumerator	CH.ifa.draw.util.ReverseVectorEnumerator		
12	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing		
13	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor		
14	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.util.PaletteIcon		

Bridge

RaM

ID	Abstraction	Implementor		
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.ToolButton		
2	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Drawing		
3	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Tool		
4	CH.ifa.draw.applet.DrawApplet	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

DPF

ID	Abstraction	Implementator		
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.StandardDrawingView		
2	CH.ifa.draw.applet.DrawApplet	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.DrawApplet	CH.ifa.draw.standard.DrawApplet		
20	CH.ifa.draw.standard.DrawApplet	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		

SparT

Composite

RaM

ID	Component	Composite		
1	draw.framework.Figure	draw.standard.CompositeFigure		

DPD

ID	Component	Composite		
1	draw.framework.Figure	draw.standard.CompositeFigure		

DPF

ID	Component	Composite		
1	draw.framework.Figure	draw.standard.CompositeFigure		

SparT

ID	Component	Composite		
1	draw.framework.Figure	draw.standard.CompositeFigure		

Decorator

RaM

ID	Component	Decorator		
1	draw.framework.Figure	draw.standard.DecoratorFigure		
2	draw.framework.Locator	draw.standard.OffsetLocator		
3	draw.framework.Tool	draw.standard.SelectionTool		

DPD

ID	Component	Decorator		
1	draw.framework.Figure	draw.standard.DecoratorFigure		
2	draw.framework.Locator	draw.standard.OffsetLocator		
3	draw.framework.Tool	draw.standard.SelectionTool		

DPF

ID	Component	Decorator		
1	draw.framework.Figure	draw.standard.DecoratorFigure		
2	draw.framework.Locator	draw.standard.OffsetLocator		
3	draw.framework.Tool	draw.standard.SelectionTool		

SparT

ID	Component	Decorator		
1	draw.framework.Figure	draw.standard.DecoratorFigure		
2	draw.framework.Locator	draw.standard.OffsetLocator		
3	draw.framework.Tool	draw.standard.SelectionTool		

Façade

RaM

DPD

DPF

SparT

Flyweight

RaM

DPD

DPF

SparT

Proxy

RaM

DPD

DPF

SparT

Interpreter

RaM

ID	NonterminalExpression	AbstractExpression		
1	draw.standard.StandardDrawing	CH.ifa.draw.framework.Drawing		

DPD

DPF

SparT

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.applet.DrawApplet
7	CH.ifa.draw.standard.ChopBoxConnector
8	CH.ifa.draw.figures.AttributeFigure
9	CH.ifa.draw.standard.AbstractConnector
10	CH.ifa.draw.application.DrawApplication
11	CH.ifa.draw.figures.TextFigure

SparT

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

Chain of Responsibility

RaM

DPD

DPF

SparT

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

DPF

ID	Command	ConcreteCommand	Receiver	Invoker
1		CH.ifa.draw.figures.GroupCommand	CH.ifa.draw.figures.GroupCommand	CH.ifa.draw.framework.DrawingView
2		CH.ifa.draw.figures.InsertImageCommand	CH.ifa.draw.figures.InsertImageCommand	CH.ifa.draw.framework.DrawingView
3		CH.ifa.draw.figures.UngroupCommand	CH.ifa.draw.figures.UngroupCommand	CH.ifa.draw.framework.DrawingView
4		CH.ifa.draw.standard.AlignCommand	CH.ifa.draw.standard.AlignCommand	CH.ifa.draw.framework.DrawingView
5		CH.ifa.draw.standard.BringToFrontCommand	CH.ifa.draw.standard.BringToFrontCommand	CH.ifa.draw.framework.DrawingView
6		CH.ifa.draw.standard.ChangeAttributeCommand	CH.ifa.draw.standard.ChangeAttributeCommand	CH.ifa.draw.framework.DrawingView
7		CH.ifa.draw.standard.SendToBackCommand	CH.ifa.draw.standard.SendToBackCommand	CH.ifa.draw.framework.DrawingView
8		CH.ifa.draw.standard.ToggleGridCommand	CH.ifa.draw.standard.ToggleGridCommand	CH.ifa.draw.framework.DrawingView
9		CH.ifa.draw.figures.TextFigure	CH.ifa.draw.figures.TextFigure	CH.ifa.draw.standard.OffsetLocator
10		CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView
11		CH.ifa.draw.figures.LineConnection	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector
12		CH.ifa.draw.standard.AbstractConnector	CH.ifa.draw.standard.AbstractConnector	CH.ifa.draw.framework.Figure
13		CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.standard.ToolButton
14		CH.ifa.draw.application.DrawApplication	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.standard.ToolButton
15		CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing
16		CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor
17		CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator
18		CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator
19		CH.ifa.draw.standard.ToolButton	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.util.PaletteIcon
20		CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter
21		CH.ifa.draw.standard.ReverseFigureEnumerator	CH.ifa.draw.standard.ReverseFigureEnumerator	CH.ifa.draw.util.ReverseVectorEnumerator

SparT

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

Iterator

RaM

DPD

DPF

SparT

Mediator

RaM

DPD

DPF

SparT

Memento

RaM

ID	Originator	Memento
1	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.applet.DrawApplet
2	CH.ifa.draw.standard.ToolButton	CH.ifa.draw.applet.DrawApplet

DPD

DPF

SparT

Observer

RaM

ID	Subject	Observer	ConcreteSubject	ConcreteObserver
1	CH.ifa.draw.framework.Figure	CH.ifa.draw.framework.FigureChangeListener	CH.ifa.draw.figures.EllipseFigure	CH.ifa.draw.figures.GroupFigure
2	CH.ifa.draw.framework.Drawing	CH.ifa.draw.framework.DrawingChangeListener	CH.ifa.draw.standard.StandardDrawing	CH.ifa.draw.standard.StandardDrawingView

DPD

ID	Subject	Observer
1	CH.ifa.draw.standard.StandardDrawing	CH.ifa.draw.framework.DrawingChangeListener
2	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter
3	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Figure

DPF

ID	Subject	Observer
1	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Figure

SparT

ID	Subject	Observer
1	CH.ifa.draw.standard.StandardDrawing	CH.ifa.draw.framework.DrawingChangeListener
2	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Figure
3	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter
4	CH.ifa.draw.util.CommandMenu	CH.ifa.draw.util.Command

State / Strategy

RaM

ID	Context	State / Strategy
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Tool
2	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator
3	CH.ifa.draw.figures.GroupCommand	CH.ifa.draw.framework.DrawingView
4	CH.ifa.draw.figures.InsertImageCommand	CH.ifa.draw.framework.DrawingView
5	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector
6	CH.ifa.draw.figures.UngroupCommand	CH.ifa.draw.framework.DrawingView
7	CH.ifa.draw.samples.javadraw.Animator	CH.ifa.draw.framework.DrawingView
8	CH.ifa.draw.samples.javadraw.URLTool	CH.ifa.draw.framework.Figure
9	CH.ifa.draw.standard.AbstractConnector	CH.ifa.draw.framework.Figure
10	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.FigureChangeListener
11	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView
12	CH.ifa.draw.standard.AlignCommand	CH.ifa.draw.framework.DrawingView
13	CH.ifa.draw.standard.BringToFrontCommand	CH.ifa.draw.framework.DrawingView
14	CH.ifa.draw.standard.ChangeAttributeCommand	CH.ifa.draw.framework.DrawingView
15	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.Figure

ID	Context	State / Strategy		
16	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.ConnectionFigure		
17	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.ConnectionFigure		
18	CH.ifa.draw.standard.FigureTransferCommand	CH.ifa.draw.framework.DrawingView		
19	CH.ifa.draw.standard.SelectionTool	CH.ifa.draw.framework.Tool		
20	CH.ifa.draw.standard.SendToBackCommand	CH.ifa.draw.framework.DrawingView		
21	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing		
22	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor		
23	CH.ifa.draw.standard.ToggleGridCommand	CH.ifa.draw.framework.DrawingView		
24	CH.ifa.draw.util.CommandButton	CH.ifa.draw.util.Command		
25	CH.ifa.draw.util.PaletteButton	CH.ifa.draw.util.PaletteListener		

DPD

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

DPF

ID	Context	State / Strategy		
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Tool		
2	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Drawing		
3	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.framework.Tool		
4	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.framework.Drawing		
5	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator		
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.LineConnection	CH.ifa.draw.framework.Connector		
9	CH.ifa.draw.figures.PolyLineFigure	CH.ifa.draw.figures.LineDecoration		
10	CH.ifa.draw.figures.TextTool	CH.ifa.draw.standard.TextHolder		
11	CH.ifa.draw.figures.UngroupCommand	CH.ifa.draw.framework.DrawingView		
12	CH.ifa.draw.samples.javadraw.Animator	CH.ifa.draw.framework.DrawingView		
13	CH.ifa.draw.samples.javadraw.Animator	CH.ifa.draw.util.Animatable		
14	CH.ifa.draw.samples.javadraw.URLTool	CH.ifa.draw.framework.Figure		
15	CH.ifa.draw.standard.AbstractConnector	CH.ifa.draw.framework.Figure		
16	CH.ifa.draw.standard.AbstractFigure	CH.ifa.draw.framework.FigureChangeListener		
17	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView		
18	CH.ifa.draw.standard.AlignCommand	CH.ifa.draw.framework.DrawingView		
19	CH.ifa.draw.standard.BringToFrontCommand	CH.ifa.draw.framework.DrawingView		
20	CH.ifa.draw.standard.ChangeAttributeCommand	CH.ifa.draw.framework.DrawingView		
21	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.Figure		
22	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.ConnectionFigure		
23	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.Connector		
24	CH.ifa.draw.standard.ConnectionHandle	CH.ifa.draw.framework.Figure		
25	CH.ifa.draw.standard.ConnectionHandle	CH.ifa.draw.framework.ConnectionFigure		
26	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.Figure		
27	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.ConnectionFigure		
28	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.Connector		
29	CH.ifa.draw.standard.CreationTool	CH.ifa.draw.framework.Figure		
30	CH.ifa.draw.standard.DragTracker	CH.ifa.draw.framework.Figure		
31	CH.ifa.draw.standard.FigureTransferCommand	CH.ifa.draw.framework.DrawingView		
32	CH.ifa.draw.standard.HandleTracker	CH.ifa.draw.framework.Handle		
33	CH.ifa.draw.standard.LocatorConnector	CH.ifa.draw.framework.Locator		
34	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator		
35	CH.ifa.draw.standard.SelectionTool	CH.ifa.draw.framework.Tool		
36	CH.ifa.draw.standard.SelectionTool	CH.ifa.draw.framework.Drawing		
37	CH.ifa.draw.standard.SendToBackCommand	CH.ifa.draw.framework.DrawingView		
38	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing		
39	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor		
40	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter		
41	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.PointConstrainer		
42	CH.ifa.draw.standard.ToggleGridCommand	CH.ifa.draw.framework.DrawingView		
43	CH.ifa.draw.util.CommandButton	CH.ifa.draw.util.Command		
44	CH.ifa.draw.util.PaletteButton	CH.ifa.draw.util.PaletteListener		

SparT

ID	Context	State / Strategy		
1	CH.ifa.draw.applet.DrawApplet	CH.ifa.draw.framework.Drawing		
2	CH.ifa.draw.application.DrawApplication	CH.ifa.draw.framework.Tool		
3	CH.ifa.draw.contrib.PolygonHandle	CH.ifa.draw.framework.Locator		
4	CH.ifa.draw.figures.LineConnection	CH.ifa.draw.framework.Connector		
5	CH.ifa.draw.figures.TextTool	CH.ifa.draw.standard.TextHolder		
6	CH.ifa.draw.samples.javadraw.Animator	CH.ifa.draw.framework.DrawingView		
7	CH.ifa.draw.samples.javadraw.Animator	CH.ifa.draw.util.Animatable		
8	CH.ifa.draw.standard.AbstractTool	CH.ifa.draw.framework.DrawingView		
9	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.ConnectionFigure		
10	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.Connector		
11	CH.ifa.draw.standard.ChangeConnectionHandle	CH.ifa.draw.framework.Figure		
12	CH.ifa.draw.standard.ConnectionHandle	CH.ifa.draw.framework.ConnectionFigure		
13	CH.ifa.draw.standard.ConnectionHandle	CH.ifa.draw.framework.Figure		
14	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.ConnectionFigure		
15	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.Connector		
16	CH.ifa.draw.standard.ConnectionTool	CH.ifa.draw.framework.Figure		
17	CH.ifa.draw.standard.CreationTool	CH.ifa.draw.framework.Figure		
18	CH.ifa.draw.standard.HandleTracker	CH.ifa.draw.framework.Handle		
19	CH.ifa.draw.standard.LocatorConnector	CH.ifa.draw.framework.Locator		
20	CH.ifa.draw.standard.LocatorHandle	CH.ifa.draw.framework.Locator		
21	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Drawing		
22	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.DrawingEditor		
23	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.Painter		
24	CH.ifa.draw.standard.StandardDrawingView	CH.ifa.draw.framework.PointConstrainer		

Visitor

RaM

DPD

DPF

SparT

JUnit 3.7

Factory Method

RaM

DPD

DPF

ID	Creator	ConcreteCreator		
1	junit.framework.Test	junit.samples.AllTests		
2	junit.framework.Test	junit.samples.SimpleTest		
3	junit.framework.Test	junit.samples.VectorTest		
4	junit.framework.Test	junit.tests.AllTests		
5	junit.framework.Test	junit.tests.framework.TestCase		
6	junit.framework.Test	junit.tests.SuiteTest		
7	junit.samples.money.IMoney			

SparT

ID	Creator	ConcreteCreator		
1	junit.samples.money.IMoney	junit.samples.money.Money		

Abstract Factory

RaM

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DPF

SparT

Builder
RaM

DPD

DPF

SparT

Prototype
RaM

DPD

DPF

SparT

Singleton
RaM

DPD

DPF

SparT

Adapter
RaM

ID	Adapter	Adaptee	Target
1	junit.awtui.TestRunner	junit.awtui.ProgressBar	junit.framework.TestListener
2	junit.awtui.TestRunner	junit.framework.TestResult	junit.swingui.TestRunView
3	junit.extensions.TestSetup$1	junit.extensions.TestSetup	junit.framework.Protectable
4	junit.framework.TestResult$1	junit.framework.TestCase	junit.framework.Protectable
5	junit.swingui.TestHierarchyRunView	junit.swingui.TestSuitePanel	junit.swingui.TestRunView
6	junit.swingui.TestSuitePanel	junit.swingui.TestTreeModel	junit.framework.TestListener

DPD

ID	Adapter	Adaptee	Target
1	junit.awtui.TestRunner	junit.awtui.ProgressBar	junit.framework.TestListener
2	junit.awtui.TestRunner	junit.framework.TestResult	junit.framework.TestListener
3	junit.swingui.TestHierarchyRunView	junit.swingui.TestSuitePanel	junit.swingui.TestRunView
4	junit.swingui.TestSuitePanel	junit.swingui.TestTreeModel	junit.framework.TestListener

DPF

ID	Adapter	Adaptee	Target
1	junit.awtui.TestRunner	junit.framework.TestResult	junit.swingui.TestRunView
2	junit.swingui.TestHierarchyRunView	junit.swingui.TestSuitePanel	junit.swingui.TestRunView
3	junit.swingui.TestRunner	junit.swingui.ProgressBar	junit.framework.TestListener
4	junit.swingui.TestSuitePanel	junit.swingui.TestTreeModel	junit.framework.TestListener

SparT

ID	Adapter	Adaptee	Target
1	junit.awtui.TestRunner	junit.awtui.ProgressBar	junit.framework.TestListener
2	junit.awtui.TestRunner	junit.framework.TestResult	junit.framework.TestListener
3	junit.swingui.TestHierarchyRunView	junit.swingui.TestSuitePanel	junit.swingui.TestRunView
4	junit.swingui.TestRunner	junit.swingui.CounterPanel	junit.framework.TestListener
5	junit.swingui.TestRunner	junit.swingui.StatusLine	junit.runner.BaseTestRunner
6	junit.swingui.TestSuitePanel	junit.swingui.TestTreeModel	junit.framework.TestListener

Bridge
RaM

DPD

DPF

SparT

Composite
RaM

ID	Component	Composite
1	junit.framework.Test	junit.framework.TestSuite

DPD

ID	Component	Composite
1	junit.framework.Test	junit.framework.TestSuite

DPF

ID	Component	Composite
1	junit.framework.Test	junit.framework.TestSuite

SparT

ID	Component	Composite
1	junit.framework.Test	junit.framework.TestSuite

Decorator
RaM

ID	Component	Decorator
1	junit.framework.Test	junit.extensions.TestDecorator

DPD

ID	Component	Decorator
1	junit.framework.Test	junit.extensions.TestDecorator

DPF

ID	Component	Decorator
1	junit.framework.Test	junit.extensions.TestDecorator

SparT

ID	Component	Decorator
1	junit.framework.Test	junit.extensions.TestDecorator

Façade
RaM

DPD

DPF

SparT

Flyweight
RaM

DPD

DPF

SparT

Proxy
RaM

DPD

DPF

SparT

Interpreter
RaM

DPD

DPF

SparT

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

SparT

ID	AbstractClass
1	junit.runner.BaseTestRunner

Chain of Responsibility
RaM

DPD

DPF

SparT

Command
RaM

DPD

DPF

SparT

Iterator
RaM

DPD

DPF

SparT

Mediator
RaM

DPD

DPF

SparT

Memento
RaM

ID	Originator	Memento
1	junit.swingui.StatusLine	junit.swingui.TestRunner

DPD

DPF

SparT

Observer
RaM

ID	Subject	Observer	ConcreteSubject	ConcreteObserver
1	junit.framework.TestResult	junit.framework.TestListener	junit.framework.TestListener	junit.awtui.TestRunnerjunit.ui.TestRunner
2	junit.awt.Component	junit.awt.event.MouseListener	junit.swingui.TestSelector	junit.swingui.TestSelector.DoubleClickListener
3	java.awt.Component	java.awt.event.KeyListener	junit.swingui.TestSelector	junit.swingui.TestSelector.KeySelectListener

DPD

ID	Subject	Observer
1	junit.framework.TestResult	junit.framework.TestListener

DPF

ID	Subject	Observer
1	junit.framework.TestResult	junit.framework.TestListener

SparT

ID	Subject	Observer
1	junit.framework.TestResult	junit.framework.TestListener

State / Strategy
RaM

ID	Context	State / Strategy
3	junit.extensions.ActiveTestSuite$1	junit.framework.Test
1	junit.swingui.FailureRunView	junit.swingui.TestRunContext
2	junit.swingui.TestRunner	junit.runner.FailureDetailView

DPD

ID	Context	State / 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	State / 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.IMoney
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

SparT

ID	Context	State / 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.TestImplementorTest$DoubleTestCase	junit.framework.TestCase

Visitor
RaM

DPD

DPF

SparT

JRefactory 2.6.24
Factory Method
RaM

DPD

ID	Creator	ConcreteCreator
1	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.EliminatePackageImportVisitor
2	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.type.MoveClassVisitor
3	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.type.RenameClassVisitor

DPF

ID	Creator	ConcreateCreator
1	org.acm.seguin.ide.common.PackageListFilter	
2	org.acm.seguin.ide.common.SourceBrowser	
3	org.acm.seguin.ide.jbuilder.RefactoryNodeViewerFactory	
4	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory	
5	org.acm.seguin.parser.ast.SimpleNode	org.acm.seguin.parser.JavaParser
	org.acm.seguin.parser.ParseException	
6	org.acm.seguin.parser.Token	org.acm.seguin.parser.JavaParserTokenManager
7	org.acm.seguin.pretty.ai.RequiredTags	
8	org.acm.seguin.print.xml.State	org.acm.seguin.print.xml.AttributeState
9	org.acm.seguin.print.xml.State	org.acm.seguin.print.xml.TagState
10	org.acm.seguin.print.xml.State	org.acm.seguin.print.xml.QuoteAttributeValueState
11	org.acm.seguin.print.xml.State	org.acm.seguin.print.xml.AttributeValueState
12	org.acm.seguin.print.xml.State	org.acm.seguin.print.xml.TextState
13	org.acm.seguin.refactor.type.TypeChangeVisitor	
14	org.acm.seguin.refactor.undo.UndoStack	

SparT

ID	Creator	ConcreateCreator
1	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.EliminatePackageImportVisitor
2	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.type.MoveClassVisitor
3	org.acm.seguin.refactor.type.TypeChangeVisitor	org.acm.seguin.refactor.type.RenameClassVisitor

Abstract Factory
RaM

DPD

DPF

ID	AbstractFactory
1	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory
2	org.acm.seguin.ide.jbuilder.RefactoryNodeViewerFactory

SparT

Builder
RaM

DPD

DPF

ID	Director	Builder
1	org.acm.seguin.ide.jbuilder.UMLNode	org.acm.seguin.ide.jbuilder.refactor.MenuBuilder
2	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.refactor.method.EMBuilder

SparT

ID	Director	Builder

ID		
1	org.acm.seguin.ide.jbuilder.UMLNode	org.acm.seguin.ide.jbuilder.refactor.MenuBuilder
2	org.acm.seguin.refactor.method.AddConstructor	org.acm.seguin.parser.build.BuildExpression
3	org.acm.seguin.refactor.method.EMBuilder	org.acm.seguin.parser.build.BuildExpression
4	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.parser.build.BuildExpression
5	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.refactor.method.EMBuilder
6	org.acm.seguin.refactor.method.InvokeMovedMethodTransform	org.acm.seguin.parser.build.BuildExpression

Prototype
RaM

DPD

DPF

SparT

Singleton
RaM

DPD

ID	Singleton
1	org.acm.seguin.ide.command.PackageSelectorPanel
2	org.acm.seguin.ide.common.action.CurrentSummary
3	org.acm.seguin.ide.common.EditorOperations
4	org.acm.seguin.ide.common.PackageListFilter
5	org.acm.seguin.ide.common.SourceBrowser
6	org.acm.seguin.ide.jbuilder.RefactoryNodeViewerFactory
7	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory
8	org.acm.seguin.pretty.ai.RequiredTags
9	org.acm.seguin.refactor.RefactoringFactory
10	org.acm.seguin.refactor.undo.UndoStack
11	org.acm.seguin.uml.line.LabelSizeComputation
12	org.acm.seguin.version.VersionControlCache

DPF

ID	Singleton
1	org.acm.seguin.ant.CVSUtil.CVSEntry
2	org.acm.seguin.ide.jbuilder.RefactoryNodeViewerFactory
3	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory
4	org.acm.seguin.parser.Token
5	org.acm.seguin.pretty.ai.RequiredTags
6	org.acm.seguin.uml.line.LabelSizeComputation

SparT

ID	Singleton
1	org.acm.seguin.ide.command.PackageSelectorPanel
2	org.acm.seguin.ide.common.action.CurrentSummary
3	org.acm.seguin.ide.common.EditorOperations
4	org.acm.seguin.ide.common.PackageListFilter
5	org.acm.seguin.ide.common.SourceBrowser
6	org.acm.seguin.ide.jbuilder.RefactoryNodeViewerFactory
7	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory
8	org.acm.seguin.pretty.ai.RequiredTags
9	org.acm.seguin.refactor.RefactoringFactory
10	org.acm.seguin.refactor.undo.UndoStack
11	org.acm.seguin.uml.line.LabelSizeComputation
12	org.acm.seguin.version.VersionControlCache

Adapter
RaM

DPD

ID	Adapter	Adaptee
1	org.acm.seguin.metrics.GatherData	org.acm.seguin.metrics.MetricsReport
2	org.acm.seguin.metrics.MethodMetricsFrame	org.acm.seguin.summary.MethodSummary
3	org.acm.seguin.metrics.PackageMetricsFrame	org.acm.seguin.summary.PackageSummary
4	org.acm.seguin.metrics.TypeMetricsFrame	org.acm.seguin.summary.TypeSummary
5	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.FieldSizeLookAhead
6	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.LocalVariableLookAhead
7	org.acm.seguin.print.text.TextPagePrinter	org.acm.seguin.print.text.LineSet
8	org.acm.seguin.print.text.TextPagePrinter	org.acm.seguin.print.text.LinePrinter
9	org.acm.seguin.refactor.AddImportTransform	org.acm.seguin.parser.ast.ASTName
10	org.acm.seguin.refactor.EliminatePackageImportVisitor	org.acm.seguin.summary.PackageSummary
11	org.acm.seguin.refactor.method.RenameParameterRefactoring	org.acm.seguin.summary.MethodSummary
12	org.acm.seguin.refactor.type.ChangePackageTransform	org.acm.seguin.parser.ast.ASTName
13	org.acm.seguin.refactor.type.ExtractInterfaceRefactoring	org.acm.seguin.refactor.ComplexTransform
14	org.acm.seguin.refactor.type.RemoveEmptyClassRefactoring	org.acm.seguin.summary.TypeSummary
15	org.acm.seguin.summary.load.SwingLoadStatus	org.acm.seguin.tools.install.RefactoryStorage
16	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
17	org.acm.seguin.tools.stub.StubGenTraversal	org.acm.seguin.tools.stub.StubFile
18	org.acm.seguin.uml.print.UMLPagePrinter	org.acm.seguin.uml.UMLPackage
19	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.refactor.method.ExtractMethodRefactoring
20	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.uml.awt.OrderableList
21	org.acm.seguin.uml.refactor.MoveMethodDialog	org.acm.seguin.uml.refactor.ParameterPanel
22	org.acm.seguin.uml.refactor.RenameClassDialog	org.acm.seguin.summary.TypeSummary
23	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.summary.MethodSummary
24	org.acm.seguin.uml.UMLPackage	org.acm.seguin.summary.PackageSummary
25	org.acm.seguin.uml.UMLPackage	org.acm.seguin.uml.line.SegmentedLine
26	PrettyPrinter	org.acm.seguin.pretty.PrettyPrintFile

DPF

ID	Adapter	Adaptee
1	org.acm.seguin.metrics.GatherData	org.acm.seguin.metrics.MetricsReport
2	org.acm.seguin.metrics.MethodMetricsFrame	org.acm.seguin.summary.MethodSummary
3	org.acm.seguin.metrics.PackageMetricsFrame	org.acm.seguin.summary.PackageSummary
4	org.acm.seguin.metrics.TextReport	org.acm.seguin.util.TextFormatter
5	org.acm.seguin.metrics.TypeMetricsFrame	org.acm.seguin.summary.TypeSummary
6	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.FieldSizeLookAhead
7	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.LocalVariableLookAhead
8	org.acm.seguin.refactor.AddImportTransform	org.acm.seguin.parser.ast.ASTName
9	org.acm.seguin.refactor.type.ChangePackageTransform	org.acm.seguin.parser.ast.ASTName
10	org.acm.seguin.refactor.type.ExtractInterfaceRefactoring	org.acm.seguin.refactor.ComplexTransform
11	org.acm.seguin.summary.load.SwingLoadStatus	org.acm.seguin.tools.install.RefactoryStorage
12	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
13	org.acm.seguin.tools.stub.StubGenTraversal	org.acm.seguin.tools.stub.StubFile
14	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.refactor.method.ExtractMethodRefactoring
15	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.uml.awt.OrderableList
16	org.acm.seguin.uml.refactor.MoveMethodDialog	org.acm.seguin.uml.refactor.ParameterPanel
17	org.acm.seguin.uml.refactor.RenameClassDialog	org.acm.seguin.summary.TypeSummary
18	org.acm.seguin.uml.refactor.RenameFieldDialog	org.acm.seguin.summary.FieldSummary
19	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.summary.ParameterSummary
20	org.acm.seguin.uml.UMLPackage	org.acm.seguin.uml.line.SegmentedLine
21	org.acm.seguin.uml.UMLPackage	org.acm.seguin.summary.PackageSummary
22	PrettyPrinter	org.acm.seguin.pretty.PrettyPrintFile

SparT

ID	Adapter	Adaptee
1	org.acm.seguin.metrics.GatherData	org.acm.seguin.metrics.MetricsReport
2	org.acm.seguin.metrics.MethodMetricsFrame	org.acm.seguin.summary.MethodSummary
3	org.acm.seguin.metrics.PackageMetricsFrame	org.acm.seguin.summary.PackageSummary
4	org.acm.seguin.metrics.TextReport	org.acm.seguin.util.TextFormatter
5	org.acm.seguin.metrics.TypeMetricsFrame	org.acm.seguin.summary.TypeSummary
6	org.acm.seguin.refactor.AddImportTransform	org.acm.seguin.parser.ast.ASTName
7	org.acm.seguin.refactor.EliminatePackageImportVisitor	org.acm.seguin.summary.PackageSummary
8	org.acm.seguin.refactor.method.MoveMethodRefactoring	org.acm.seguin.summary.MethodSummary
9	org.acm.seguin.refactor.method.RenameParameterRefactoring	org.acm.seguin.summary.MethodSummary
10	org.acm.seguin.refactor.method.RenameParameterRefactoring	org.acm.seguin.summary.ParameterSummary
11	org.acm.seguin.refactor.type.ChangePackageTransform	org.acm.seguin.parser.ast.ASTName
12	org.acm.seguin.refactor.type.ExtractInterfaceRefactoring	org.acm.seguin.refactor.ComplexTransform
13	org.acm.seguin.refactor.type.RemoveEmptyClassRefactoring	org.acm.seguin.summary.TypeSummary
14	org.acm.seguin.summary.load.SwingLoadStatus	org.acm.seguin.tools.install.RefactoryStorage
15	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.FrameworkLoader
16	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
17	org.acm.seguin.tools.stub.StubGenTraversal	org.acm.seguin.tools.stub.StubFile
18	org.acm.seguin.uml.line.AssociationRelationship	org.acm.seguin.uml.UMLField
19	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.uml.awt.OrderableList
20	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.refactor.method.ExtractMethodRefactoring
21	org.acm.seguin.uml.refactor.MoveMethodDialog	org.acm.seguin.uml.refactor.ParameterPanel
22	org.acm.seguin.uml.refactor.RenameClassDialog	org.acm.seguin.summary.TypeSummary
23	org.acm.seguin.uml.refactor.RenameFieldDialog	org.acm.seguin.summary.FieldSummary
24	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.summary.MethodSummary
25	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.summary.ParameterSummary
26	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.line.SizableLabel
27	org.acm.seguin.uml.UMLPackage	org.acm.seguin.summary.PackageSummary
28	org.acm.seguin.uml.UMLType	org.acm.seguin.summary.TypeSummary
29	org.acm.seguin.uml.UMLType	org.acm.seguin.uml.RoleHolder
30	org.acm.seguin.uml.UMLType	org.acm.seguin.uml.line.SizableLabel
31	PrettyPrinter	org.acm.seguin.pretty.PrettyPrintFile

Bridge
RaM

DPD

DPF

SparT

Composite
RaM

DPD

DPF

SparT

Decorator
RaM

DPD

DPF

SparT

Façade
RaM

DPD

DPF

SparT

Flyweight
RaM

DPD

DPF

SparT

Proxy
RaM

DPD

DPF

ID	Proxy	RealSubject
1	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.UMLType
2	org.acm.seguin.parser.ast.ASTClassDeclaration	org.acm.seguin.pretty.JavaDocableImpl
3	org.acm.seguin.parser.ast.ASTConstructorDeclaration	org.acm.seguin.pretty.JavaDocableImpl
4	org.acm.seguin.parser.ast.ASTFieldDeclaration	org.acm.seguin.pretty.JavaDocableImpl
5	org.acm.seguin.parser.ast.ASTInterfaceDeclaration	org.acm.seguin.pretty.JavaDocableImpl
6	org.acm.seguin.parser.ast.ASTMethodDeclaration	org.acm.seguin.pretty.JavaDocableImpl
7	org.acm.seguin.parser.ast.ASTNestedClassDeclaration	org.acm.seguin.pretty.JavaDocableImpl
8	org.acm.seguin.parser.ast.ASTNestedInterfaceDeclaration	org.acm.seguin.pretty.JavaDocableImpl
9	org.acm.seguin.parser.ast.ASTPackageDeclaration	org.acm.seguin.pretty.JavaDocableImpl
10	org.acm.seguin.pretty.sort.MultipleOrdering	org.acm.seguin.pretty.sort.Ordering

SparT

ID	Proxy	RealSubject	Subject
1	org.acm.seguin.parser.JavaParser	org.acm.seguin.parser.JavaParserTokenManager	org.acm.seguin.parser.JavaParserConstants
2	org.acm.seguin.parser.ast.ASTClassDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
3	org.acm.seguin.parser.ast.ASTConstructorDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
4	org.acm.seguin.parser.ast.ASTFieldDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
5	org.acm.seguin.parser.ast.ASTInterfaceDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
6	org.acm.seguin.parser.ast.ASTMethodDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
7	org.acm.seguin.parser.ast.ASTNestedClassDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
8	org.acm.seguin.parser.ast.ASTNestedInterfaceDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
9	org.acm.seguin.parser.ast.ASTPackageDeclaration	org.acm.seguin.pretty.JavaDocableImpl	org.acm.seguin.pretty.JavaDocable
10	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.line.SizableLabel	org.acm.seguin.uml.line.ScalablePanel
11	org.acm.seguin.uml.UMLType	org.acm.seguin.uml.line.SizableLabel	org.acm.seguin.uml.line.ScalablePanel
12	org.acm.seguin.util.FileSettings	org.acm.seguin.util.FileSettings	org.acm.seguin.util.Settings

Interpreter
RaM

DPD

DPF

SparT

Template Method
RaM

DPD

ID	AbstractClass
1	org.acm.seguin.ide.common.action.CurrentSummary
2	org.acm.seguin.ide.common.action.RefactoringAction
3	org.acm.seguin.io.DirectoryTreeTraversal
4	org.acm.seguin.metrics.MetricsFrame
5	org.acm.seguin.metrics.MetricsReport
6	org.acm.seguin.parser.factory.ParserFactory
7	org.acm.seguin.pretty.PrettyPrintFromIDE
8	org.acm.seguin.pretty.sort.Ordering
9	org.acm.seguin.print.xml.State
10	org.acm.seguin.refactor.Refactoring
11	org.acm.seguin.refactor.type.AddClassRefactoring
12	org.acm.seguin.refactor.type.TypeChangeVisitor
13	org.acm.seguin.summary.query.TypeList
14	org.acm.seguin.uml.refactor.DialogViewListener
15	org.acm.seguin.uml.refactor.ExtractMethodDialog
16	org.acm.seguin.uml.refactor.NoInputRefactoringListener
17	org.acm.seguin.uml.refactor.RefactoringDialog

DPF

ID	AbstractClass
1	org.acm.seguin.ide.common.action.CurrentSummary
2	org.acm.seguin.ide.common.action.RefactoringAction
3	org.acm.seguin.ide.elixir.PrettyPrinterExtension
4	org.acm.seguin.io.DirectoryTreeTraversal
5	org.acm.seguin.metrics.MetricsFrame
6	org.acm.seguin.metrics.MetricsReport
7	org.acm.seguin.parser.ast.SimpleNode
8	org.acm.seguin.parser.factory.ParserFactory
9	org.acm.seguin.pretty.LineQueue
10	org.acm.seguin.pretty.PrettyPrintFile
11	org.acm.seguin.pretty.PrettyPrintFromIDE
12	org.acm.seguin.pretty.PrettyPrintString
13	org.acm.seguin.pretty.PrintData
14	org.acm.seguin.pretty.sort.Ordering
15	org.acm.seguin.print.text.LinePrinter
16	org.acm.seguin.print.xml.State
17	org.acm.seguin.refactor.method.AddNewMethod
18	org.acm.seguin.refactor.Refactoring
19	org.acm.seguin.refactor.RefactoringFactory
20	org.acm.seguin.refactor.type.RenameClassVisitor
21	org.acm.seguin.refactor.type.TypeChangeVisitor
22	org.acm.seguin.summary.LineCountVisitor
23	org.acm.seguin.summary.query.TypeList
24	org.acm.seguin.uml.line.SegmentedLine
25	org.acm.seguin.uml.refactor.DialogViewListener
26	org.acm.seguin.uml.refactor.ExtractMethodDialog
27	org.acm.seguin.uml.refactor.NoInputRefactoringListener
28	org.acm.seguin.uml.refactor.RefactoringDialog
29	org.acm.seguin.uml.UMLLine

SparT

ID	AbstractClass
1	org.acm.seguin.ide.common.action.CurrentSummary
2	org.acm.seguin.ide.common.action.RefactoringAction
3	org.acm.seguin.io.DirectoryTreeTraversal
4	org.acm.seguin.metrics.MetricsFrame
5	org.acm.seguin.metrics.MetricsReport
6	org.acm.seguin.parser.factory.ParserFactory
7	org.acm.seguin.pretty.PrettyPrintFromIDE
8	org.acm.seguin.pretty.sort.Ordering
9	org.acm.seguin.print.xml.State
10	org.acm.seguin.refactor.Refactoring
11	org.acm.seguin.refactor.type.AddClassRefactoring
12	org.acm.seguin.refactor.type.TypeChangeVisitor
13	org.acm.seguin.summary.query.TypeList
14	org.acm.seguin.uml.refactor.ClassNameDialog
15	org.acm.seguin.uml.refactor.DialogViewListener
16	org.acm.seguin.uml.refactor.ExtractMethodDialog
17	org.acm.seguin.uml.refactor.NoInputRefactoringListener
18	org.acm.seguin.uml.refactor.RefactoringDialog

Chain of Responsibility
RaM

DPD

DPF

SparT

Command
RaM

DPD

DPF

ID	Invoker	Receiver	Command

ID			
1		org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.uml.refactor.ExtractMethodDialog
2		org.acm.seguin.uml.line.SizableLabel	org.acm.seguin.uml.UMLLine
3	org.acm.seguin.refactor.ComplexTransform	org.acm.seguin.refactor.type.ExtractInterfaceRefactoring	org.acm.seguin.refactor.type.ExtractInterfaceRefactoring
4	org.acm.seguin.summary.PackageSummary	org.acm.seguin.refactor.EliminatePackageImportVisitor	org.acm.seguin.refactor.EliminatePackageImportVisitor
5	org.acm.seguin.parser.ast.ASTName	org.acm.seguin.refactor.AddImportTransform	org.acm.seguin.refactor.AddImportTransform
6	org.acm.seguin.parser.ast.ASTName	org.acm.seguin.refactor.type.ChangePackageTransform	org.acm.seguin.refactor.type.ChangePackageTransform
7	org.acm.seguin.summary.MethodSummary	org.acm.seguin.refactor.method.RenameParameterRefactoring	org.acm.seguin.refactor.method.RenameParameterRefactoring
8	org.acm.seguin.summary.ParameterSummary	org.acm.seguin.refactor.method.RenameParameterRefactoring	org.acm.seguin.refactor.method.RenameParameterRefactoring
9	org.acm.seguin.pretty.FieldSizeLookAhead	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.PrettyPrintVisitor
10	org.acm.seguin.pretty.LocalVariableLookAhead	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.pretty.PrettyPrintVisitor
11	org.acm.seguin.util.TextFormatter	org.acm.seguin.metrics.TextReport	org.acm.seguin.metrics.TextReport
12	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.uml.refactor.ExtractMethodDialog
13	org.acm.seguin.awt.OrderableList	org.acm.seguin.uml.refactor.ExtractMethodDialog	org.acm.seguin.uml.refactor.ExtractMethodDialog
14	org.acm.seguin.uml.refactor.ParameterPanel	org.acm.seguin.uml.refactor.MoveMethodDialog	org.acm.seguin.uml.refactor.MoveMethodDialog
15	org.acm.seguin.tools.stub.StubFile	org.acm.seguin.tools.stub.StubGenTraversal	org.acm.seguin.tools.stub.StubGenTraversal
16	org.acm.seguin.summary.MethodSummary	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.uml.refactor.RenameParameterDialog
17	org.acm.seguin.summary.FieldSummary	org.acm.seguin.uml.refactor.RenameFieldDialog	org.acm.seguin.uml.refactor.RenameFieldDialog
18	org.acm.seguin.summary.TypeSummary	org.acm.seguin.uml.refactor.RenameClassDialog	org.acm.seguin.uml.refactor.RenameClassDialog
19	org.acm.seguin.summary.ParameterSummary	org.acm.seguin.uml.refactor.RenameParameterDialog	org.acm.seguin.uml.refactor.RenameParameterDialog
20	org.acm.seguin.uml.line.SegmentedLine	org.acm.seguin.uml.UMLPackage	org.acm.seguin.uml.UMLPackage
21	org.acm.seguin.tools.install.RefactoryStorage	org.acm.seguin.summary.load.SwingLoadStatus	org.acm.seguin.summary.load.SwingLoadStatus
22	org.acm.seguin.summary.load.LoadStatus	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.SummaryTraversal
23	org.acm.seguin.metrics.MetricsReport	org.acm.seguin.metrics.GatherData	org.acm.seguin.metrics.GatherData
24	org.acm.seguin.pretty.PrettyPrintFile	PrettyPrinter	PrettyPrinter
25	org.acm.seguin.summary.MethodSummary	org.acm.seguin.metrics.MethodMetricsFrame	org.acm.seguin.metrics.MethodMetricsFrame
26	org.acm.seguin.summary.PackageSummary	org.acm.seguin.metrics.PackageMetricsFrame	org.acm.seguin.metrics.PackageMetricsFrame
27	org.acm.seguin.summary.TypeSummary	org.acm.seguin.metrics.TypeMetricsFrame	org.acm.seguin.metrics.TypeMetricsFrame
28	org.acm.seguin.summary.PackageSummary	org.acm.seguin.uml.UMLPackage	org.acm.seguin.uml.UMLPackage

SparT

Iterator
RaM

DPD

DPF

SparT

Mediator
RaM

DPD

DPF

SparT

Memento
RaM

DPD

DPF

SparT

Observer
RaM

DPD
ID	Subject	Observer
1	org.acm.seguin.refactor.ComplexTransform	org.acm.seguin.refactor.TransformAST

DPF
ID	Subject	Observer
1	org.acm.seguin.refactor.ComplexTransform	org.acm.seguin.refactor.TransformAST

SparT
ID	Subject	Observer
1	org.acm.seguin.refactor.ComplexTransform	org.acm.seguin.refactor.TransformAST

State / Strategy
RaM

DPD
ID	Context	State / Strategy
1	org.acm.seguin.ide.common.action.RefactoringAction	org.acm.seguin.ide.common.action.SelectedFileSet
2	org.acm.seguin.ide.common.SourceBrowserAdapter	org.acm.seguin.uml.ISourceful
3	org.acm.seguin.ide.elixir.version.ElixirContainsThread	org.acm.seguin.version.VersionControl
4	org.acm.seguin.ide.elixir.version.ElixirVersionControlThread	org.acm.seguin.version.VersionControl
5	org.acm.seguin.refactor.method.EMParameterFinder	org.acm.seguin.parser.Node
6	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.parser.Node
7	org.acm.seguin.refactor.method.MoveMethodRefactoring	org.acm.seguin.summary.Summary
8	org.acm.seguin.refactor.method.MoveMethodVisitor	org.acm.seguin.summary.Summary
9	org.acm.seguin.summary.FrameworkFileSummaryLoader	org.acm.seguin.summary.load.LoadStatus
10	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
11	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.FrameworkLoader
12	org.acm.seguin.uml.line.DragPanelAdapter	org.acm.seguin.uml.line.EndPointPanel
13	org.acm.seguin.uml.line.DragPanelAdapter	org.acm.seguin.uml.line.LinedPanel
14	org.acm.seguin.uml.line.LineMouseAdapter	org.acm.seguin.uml.line.LinedPanel
15	org.acm.seguin.uml.line.SegmentedLine	org.acm.seguin.uml.line.EndPointPanel
16	org.acm.seguin.uml.loader.ReloaderSingleton	org.acm.seguin.uml.loader.Reloader
17	org.acm.seguin.uml.SaveMenuSelection	org.acm.seguin.io.Saveable
18	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.UMLIcon

DPF
ID	Context	State / Strategy
1	org.acm.seguin.print.xml.XMLLinePrinter	org.acm.seguin.print.xml.State
2	org.acm.seguin.summary.FileSummary	
3	org.acm.seguin.ide.common.action.RefactoringAction	org.acm.seguin.ide.common.action.SelectedFileSet
4	org.acm.seguin.ide.common.SourceBrowserAdapter	org.acm.seguin.uml.ISourceful
5	org.acm.seguin.ide.elixir.version.ElixirVersionControlThread	org.acm.seguin.version.VersionControl
6	org.acm.seguin.parser.ast.ASTClassDeclaration	org.acm.seguin.parser.JavaParserVisitor
7	org.acm.seguin.parser.ast.ASTConstructorDeclaration	org.acm.seguin.parser.JavaParserVisitor
8	org.acm.seguin.parser.ast.ASTFieldDeclaration	org.acm.seguin.parser.JavaParserVisitor
9	org.acm.seguin.parser.ast.ASTInterfaceDeclaration	org.acm.seguin.parser.JavaParserVisitor
10	org.acm.seguin.parser.ast.ASTMethodDeclaration	org.acm.seguin.parser.JavaParserVisitor
11	org.acm.seguin.parser.ast.ASTNestedClassDeclaration	org.acm.seguin.parser.JavaParserVisitor
12	org.acm.seguin.parser.ast.ASTNestedInterfaceDeclaration	org.acm.seguin.parser.JavaParserVisitor
13	org.acm.seguin.parser.ast.ASTPackageDeclaration	org.acm.seguin.parser.JavaParserVisitor
14	org.acm.seguin.parser.ast.SimpleNode	org.acm.seguin.parser.Node
15	org.acm.seguin.parser.ast.SimpleNode	org.acm.seguin.parser.JavaParserVisitor
16	org.acm.seguin.pretty.PrettyPrintVisitor	org.acm.seguin.parser.Node
17	org.acm.seguin.pretty.sort.MultipleOrdering	org.acm.seguin.pretty.sort.Ordering
18	org.acm.seguin.pretty.sort.MultipleOrdering	org.acm.seguin.util.Settings
19	org.acm.seguin.refactor.AddImportTransform	org.acm.seguin.parser.Node
20	org.acm.seguin.refactor.ComplexTransform	org.acm.seguin.refactor.TransformAST
21	org.acm.seguin.refactor.field.RenameFieldData	org.acm.seguin.summary.Summary
22	org.acm.seguin.refactor.method.EMParameterFinder	org.acm.seguin.parser.Node
23	org.acm.seguin.refactor.method.ExtractMethodRefactoring	org.acm.seguin.parser.Node
24	org.acm.seguin.refactor.method.MoveMethodRefactoring	org.acm.seguin.summary.Summary
25	org.acm.seguin.refactor.method.MoveMethodVisitor	org.acm.seguin.summary.Summary
26	org.acm.seguin.summary.FrameworkFileSummaryLoader	org.acm.seguin.summary.load.LoadStatus
27	org.acm.seguin.summary.ImportSummary	org.acm.seguin.summary.SummaryVisitor
28	org.acm.seguin.summary.MethodSummary	org.acm.seguin.summary.SummaryVisitor
29	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
30	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.FrameworkLoader
31	org.acm.seguin.summary.TypeSummary	org.acm.seguin.summary.SummaryVisitor
32	org.acm.seguin.summary.VariableSummary	org.acm.seguin.summary.SummaryVisitor
33	org.acm.seguin.uml.line.DragPanelAdapter	org.acm.seguin.uml.line.EndPointPanel
34	org.acm.seguin.uml.line.DragPanelAdapter	org.acm.seguin.uml.line.LinedPanel
35	org.acm.seguin.uml.line.LineMouseAdapter	org.acm.seguin.uml.line.LinedPanel
36	org.acm.seguin.uml.line.SegmentedLine	org.acm.seguin.uml.line.EndPointPanel
37	org.acm.seguin.uml.loader.ReloaderSingleton	org.acm.seguin.uml.loader.Reloader
38	org.acm.seguin.uml.SaveMenuSelection	org.acm.seguin.io.Saveable
39	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.UMLIcon

SparT
ID	Context	State / Strategy
1	org.acm.seguin.ide.common.action.RefactoringAction	org.acm.seguin.ide.common.action.SelectedFileSet
2	org.acm.seguin.ide.common.PackageSelectorDialog	org.acm.seguin.ide.common.PackageSelectorArea
3	org.acm.seguin.ide.elixir.version.ElixirContainsThread	org.acm.seguin.version.VersionControl
4	org.acm.seguin.ide.elixir.version.ElixirVersionControlThread	org.acm.seguin.version.VersionControl
5	org.acm.seguin.ide.jbuilder.UMLNodeViewer	org.acm.seguin.ide.common.ClassDiagramReloader
6	org.acm.seguin.ide.jbuilder.UMLNodeViewerFactory	org.acm.seguin.ide.common.MultipleDirClassDiagramReloader
7	org.acm.seguin.metrics.GatherData	org.acm.seguin.metrics.MetricsReport
8	org.acm.seguin.parser.JavaParser	org.acm.seguin.parser.io.CharStream
9	org.acm.seguin.parser.JavaParserTokenManager	org.acm.seguin.parser.io.CharStream
10	org.acm.seguin.pretty.JavadocDescriptionPrinter	org.acm.seguin.pretty.PrintData
11	org.acm.seguin.pretty.PrettyPrintFromIDE	org.acm.seguin.pretty.PrintData
12	org.acm.seguin.pretty.PrintData	org.acm.seguin.pretty.LineQueue
13	org.acm.seguin.print.text.TextPagePrinter	org.acm.seguin.print.text.LinePrinter
14	org.acm.seguin.refactor.method.MoveMethodRefactoring	org.acm.seguin.summary.Summary
15	org.acm.seguin.refactor.method.MoveMethodVisitor	org.acm.seguin.summary.Summary
16	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.FrameworkLoader
17	org.acm.seguin.summary.SummaryTraversal	org.acm.seguin.summary.load.LoadStatus
18	org.acm.seguin.uml.line.DragPanelAdapter	org.acm.seguin.uml.line.EndPointPanel
19	org.acm.seguin.uml.line.SegmentedLine	org.acm.seguin.uml.line.EndPointPanel
20	org.acm.seguin.uml.SaveMenuSelection	org.acm.seguin.io.Saveable
21	org.acm.seguin.uml.UMLLine	org.acm.seguin.uml.UMLIcon
22	org.acm.seguin.uml.UMLPackage	org.acm.seguin.uml.line.SegmentedLine
23	PrettyPrinter	org.acm.seguin.pretty.PrettyPrintFile

24	RenameType	org.acm.seguin.refactor.type.RenameClassRefactoring	
25	Repackage	org.acm.seguin.refactor.type.MoveClass	

Visitor
RaM

DPD

ID	Visitor	Element	
1	org.acm.seguin.parser.JavaParserVisitor	org.acm.seguin.parser.ast.SimpleNode	
2	org.acm.seguin.summary.SummaryVisitor	org.acm.seguin.summary.Summary	

DPF

ID	Visitor	Element	
1	org.acm.seguin.parser.JavaParserVisitor	org.acm.seguin.parser.Node	
2	org.acm.seguin.summary.SummaryVisitor	org.acm.seguin.summary.Summary	

SparT

ID	Visitor	Element	
1	org.acm.seguin.parser.JavaParserVisitor	org.acm.seguin.parser.Node	
2	org.acm.seguin.summary.SummaryVisitor	org.acm.seguin.summary.Summary	

QuickUML 2001
Factory Method
RaM

DPF

SparT

Abstract Factory
RaM

ID	AbstractProduct	Product	
1	diagram.FigureRenderer	diagram.DefaultFigureRenderer ...	

DPF

ID	AbstractProduct	Product	Client
1	diagram.FigureRenderer	diagram.DefaultFigureRenderer ...	diagram.DefaultFigureEditor diagram.DiagramUI

SparT

Builder
RaM

ID	Director	Builder	
1	uml.ui.BuildAction	uml.builder.CodeBuilder	

DPF

ID	Director	Builder	
1	uml.ui.BuildAction	uml.builder.CodeBuilder	

SparT

ID	Director	Builder	
1	uml.ui.BuildAction$BuildDialog	uml.builder.CodeBuilder	

Prototype
RaM

ID	Prototype	Client	ConcretePrototype
1	diagram.Figure		diagram.figures.PolygonFigure

DPF

ID	Prototype	Client	
1	diagram.tool.Tool	acme.IntHashtable	
2	diagram.ui.FileAction	acme.IntHashtable	
3	diagram.SelectionModel	acme.IntHashtable	
4	diagram.DiagramModel	acme.IntHashtable	
5	diagram.shape.PolyLine2D	acme.IntHashtable	
6	diagram.Link	acme.IntHashtable	
7	diagram.Figure	diagram.tool.ClipboardTool	

SparT

ID	Prototype	Client	ConcretePrototype
1	diagram.Figure	diagram.tool.ClipboardTool	diagram.figures.PolygonFigure
2	diagram.Figure	diagram.tool.FigureTool$MouseHandler	diagram.figures.PolygonFigure

Singleton
RaM

ID	Singleton		
1	uml.ui.IconManager		

DPF

ID	Singleton		
1	uml.ui.IconManager		

SparT

ID	Singleton		
1	uml.ui.IconManager		

Adapter
RaM

ID	Adapter	Adaptee	Target
1	acme.GifEncoder	acme.IntHashtable	acme.ImageEncoder
2	Diagram.AbstractDiagramModel	util.WeakList	diagram .DiagramModel
3	Diagram.AbstractSelectionModel	util.WeakList	diagram .SelectionModel
4	diagram.DefaultFigureRenderer	diagram.Figure	diagram. FigureRenderer
5	diagram.DiagramUI$ModelHandler	diagram.DiagramUI	
6	diagram.figure.polylink	diagram.figure	diagram.tool.link
7	diagram.tool.AbstractTool	util.WeakList	diagram.tool .Tool
8	diagram.tool.LinkShappingTool	Diagram.diagram	diagram.tool.AbstractTool
9	uml.ui.DiagramContainer$ExportGIFAction	uml.ui.DiagramContainer	
10	uml.ui.ToolPalette	uml.ui.ToolPalette$ToolButton	acme. Diagram.Tool.ToolListener

DPF

ID	Adapter	Adaptee	
1	acme.GifEncoder	acme.IntHashtable	
2	diagram.AbstractDiagramModel	util.WeakList	
3	diagram.AbstractSelectionModel	util.WeakList	
4	diagram.DefaultFigureRenderer	diagram.Figure	
5	diagram.DiagramUI$ModelHandler	diagram.DiagramUI	
6	diagram.tool.AbstractTool	util.WeakList	
7	diagram.tool.EditingTool	diagram.Diagram	
8	diagram.tool.FigureDraggingTool	diagram.Diagram	
9	diagram.tool.FigureShappingTool	diagram.Diagram	
10	diagram.tool.FigureTool	diagram.Diagram	
11	diagram.tool.LinkShappingTool	diagram.Diagram	
12	diagram.tool.LinkTool	diagram.Diagram	
13	uml.ui.CardinalityTool	diagram.Diagram	
14	uml.ui.DiagramContainer$ExportGIFAction	uml.ui.DiagramContainer	
15	uml.ui.ToolPalette	uml.ui.ToolPalette$ToolButton	

SparT

ID	Adapter	Adaptee	
1	acme.GifEncoder	acme.IntHashtable	
2	diagram.AbstractDiagramModel	util.WeakList	
3	diagram.AbstractSelectionModel	util.WeakList	
4	diagram.figures.PolyLink	diagram.Figure	
5	diagram.tool.AbstractTool	util.WeakList	
6	diagram.ValueIterator	diagram.DiagramModel	
7	uml.diagram.InterfaceEditor	uml.diagram.InterfaceRenderer	
8	uml.diagram.NoteEditor	uml.diagram.NoteRenderer	
9	uml.ui.ToolPalette	uml.ui.ToolPalette$ToolButton	

Bridge
RaM

DPF

SparT

Composite
RaM

ID	Component	Composite	
1	diagram.tool.Tool	diagram.tool.CompositeTool	
2	diagram.DefaultFigureEditor	diagram.tool.DefaultLinkEditor	

DPF

ID	Component	Composite	
1	diagram.tool.Tool	diagram.tool.CompositeTool	

SparT

ID	Component	Composite	
1	diagram.tool.Tool	diagram.tool.CompositeTool	

Decorator
RaM

DPF

SparT

Façade
RaM

DPF

SparT

Flyweight
RaM

DPF

SparT

Proxy
RaM

ID	Proxy	RealSubject	Subject	
1	uml.builder.ObjectBuilder	uml.builder.RealizationBuilder	uml.builder.CodeBuilder	

DPF

ID	Proxy	RealSubject		
1	diagram.DefaultLinkRenderer	diagram.DefaultLabelRenderer		
2	uml.builder.ObjectBuilder	uml.builder.AssociationBuilder		
3	uml.builder.ObjectBuilder	uml.builder.InheritanceBuilder		
4	uml.builder.ObjectBuilder	uml.builder.RealizationBuilder		

SparT

ID	Proxy	RealSubject	Subject	
1	diagram.DefaultLinkRenderer	diagram.DefaultLabelRenderer	diagram.FigureRenderer	
2	uml.builder.ObjectBuilder	uml.builder.AssociationBuilder	uml.builder.CodeBuilder	
3	uml.builder.ObjectBuilder	uml.builder.ClassBuilder	uml.builder.CodeBuilder	
4	uml.builder.ObjectBuilder	uml.builder.CompositionBuilder	uml.builder.CodeBuilder	
5	uml.builder.ObjectBuilder	uml.builder.InheritanceBuilder	uml.builder.CodeBuilder	
6	uml.builder.ObjectBuilder	uml.builder.RealizationBuilder	uml.builder.CodeBuilder	

Interpreter
RaM

DPF

SparT

ID	Iterator	ConcreteIterator		
1	java.util.Enumeration	acme.IntHashtableEnumerator		
2	java.util.Iterator	util.FilteredIterator		
3	java.util.Iterator	util.WrappedIterator		

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			

SparT

ID	AbstractClass			
1	acme.ImageEncoder			
2	diagram.shape.PolyLine2D			
3	uml.ui.ExportAction			
4	uml.ui.PrintableAction			

Chain of Responsibility
RaM

DPF

SparT

Command
RaM

ID	Command	ConcreteCommand		
1	diagram.DiagramModel	diagram.AbstractDiagramModel		
2	diagram.SelectionModel	diagram.AbstractSelectionModel		

DPF

SparT

Iterator
RaM

DPF

SparT

Mediator
RaM

DPF

SparT

Memento
RaM

DPF

SparT

Observer
RaM

ID	Subject	Observer	ConcreteSbject	ConcreteObserver
1	diagram.tool.AbstractTool	diagram.tool.ToolListener	uml.ui.CardinalityTool	uml.ui.ToolPalette

DPF

ID	Subject	Observer	ConcreteSubject	ConcreteSubject
1	diagram.tool.AbstractTool	diagram.tool.ToolListener	uml.ui.AssociationTool ...	uml.ui.ToolPalette

SparT

ID	Subject	Observer		
1	diagram.AbstractDiagramModel	diagram.DiagramModelListener		
2	diagram.AbstractSelectionModel	diagram.DiagramSelectionListener		
3	diagram.tool.AbstractTool	diagram.tool.ToolListener		

State / Strategy
RaM

ID	Context	State / Strategy		
1	diagram.DefaultFigureRenderer	diagram.Figure		
2	diagram.uml.ui.ToolPalette	diagram.tool.Tool		

DPF

ID	Context	State / Strategy		
1	diagram.DiagramUI	diagram.FigureRenderer		
2	diagram.DiagramUI	diagram.SelectionModel		
3	diagram.DiagramUI	diagram.DiagramModel		
4	diagram.DiagramUI$Layer	diagram.FigureRenderer		
5	diagram.DiagramUI$Layer	diagram.SelectionModel		
6	diagram.DiagramUI$PropertyChangeHandler	diagram.DiagramModel		
7	diagram.DiagramUI$PropertyChangeHandler	diagram.SelectionModel		
8	diagram.Figure	diagram.DefaultFigureRenderer		
9	diagram.shape.PolyLine2D$Iterator	diagram.shape.PolyLine2D		
10	diagram.uml.ui.ToolPalette	diagram.tool.Tool		
11	uml.ui.BuildAction$BuildDialog	uml.builder.CodeBuilder		
12	uml.ui.ToolPalette$ToolButton	diagram.tool.Tool		

SparT

ID	Context	State / Strategy		
1	diagram.DefaultLinkEditor	diagram.DefaultLabelRenderer		
2	diagram.DefaultLinkRenderer	diagram.DefaultLabelRenderer		
3	diagram.tool.EditingTool	diagram.FigureEditor		
4	diagram.ValueIterator	diagram.DiagramModel		
5	uml.ui.ToolPalette	diagram.tool.Tool		
6	uml.ui.ToolPalette$ToolButton	diagram.tool.Tool		

Visitor
RaM

DPF

SparT

Factory Method
DPF

ID	Creator			

ID			
1	net.sourceforge.pmd.cpd.Language		
2	net.sourceforge.pmd.cpd.Language		
3	net.sourceforge.pmd.cpd.Language		
4	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator		
5	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator		
6	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator		
7	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator		
8	net.sourceforge.pmd.TargetJDKVersion		

SparT

ID	Creator	ConcreteCreator	
1	net.sourceforge.pmd.cpd.Language	net.sourceforge.pmd.cpd.CPPLanguage	
2	net.sourceforge.pmd.cpd.Language	net.sourceforge.pmd.cpd.JavaLanguage	
3	net.sourceforge.pmd.cpd.Language	net.sourceforge.pmd.cpd.PHPLanguage	
4	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator	net.sourceforge.pmd.symboltable.ClassScopeEvaluator	
5	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator	net.sourceforge.pmd.symboltable.GlobalScopeEvaluator	
6	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator	net.sourceforge.pmd.symboltable.LocalScopeEvaluator	
7	net.sourceforge.pmd.symboltable.AbstractScopeEvaluator	net.sourceforge.pmd.symboltable.MethodScopeEvaluator	

Abstract Factory
DPF

SparT

Builder
DPF

ID	Director	Builder	
1	net.sourceforge.pmd.ant.Formatter	rs.CVSRenderer	
2	net.sourceforge.pmd.CommandLineOptions	net.sourceforge.pmd.renderers.Renderer	

SparT

Prototype
DPF

SparT

Singleton
DPF

ID	Singleton		
1	net.sourceforge.pmd.cpd.TokenEntry		
2	net.sourceforge.pmd.cpd.cppast.Token		
3	net.sourceforge.pmd.ast.Token		
4	net.sourceforge.pmd.rules.ConstructorCallsOverridableMethodRule.MethodInvocation		
5	net.sourceforge.pmd.cpd.TokenEntry		

SparT

ID	Singleton		
1	net.sourceforge.pmd.cpd.TokenEntry		

Adapter
DPF

ID	Adapter	Adaptee	
1	net.sourceforge.pmd.symboltable.ImageFinderFunction	net.sourceforge.pmd.symboltable.NameDeclaration	
2	net.sourceforge.pmd.util.viewer.gui.ASTPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	
3	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	
4	net.sourceforge.pmd.util.viewer.gui.MainFrame	net.sourceforge.pmd.util.viewer.model.ViewerModel	

SparT

ID	Adapter	Adaptee	
1	net.sourceforge.pmd.util.viewer.gui.ASTPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	
2	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	
3	net.sourceforge.pmd.util.viewer.gui.MainFrame	net.sourceforge.pmd.util.viewer.model.ViewerModel	

Bridge
DPF

SparT

Composite
DPF

ID	Component	Composite	Client	Leaf
1	net.sourceforge.pmd.ast.CharStream	net.sourceforge.pmd.TargetJDK1_4	net.sourceforge.pmd.ast.JavaParser	net.sourceforge.pmd.ast.SimpleStream
2	net.sourceforge.pmd.ast.CharStream	net.sourceforge.pmd.ast.JavaCharStream	net.sourceforge.pmd.ast.JavaParserTokenManager	net.sourceforge.pmd.ast.SimpleStream
3	net.sourceforge.pmd.ast.Node	net.sourceforge.pmd.ast.ASTVariableDeclaratorID		net.sourceforge.pmd.ast.SimpleStream

SparT

ID	Component	Composite		
1	net.sourceforge.pmd.cpd.cppast.Scope	net.sourceforge.pmd.cpd.cppast.ClassScope		

Decorator
DPF

ID	Component	Decorator	
1	net.sourceforge.pmd.symboltable.Scope	net.sourceforge.pmd.symboltable.AbstractScope	

SparT

ID	Component	Decorator	
1	net.sourceforge.pmd.symboltable.Scope	net.sourceforge.pmd.symboltable.AbstractScope	

Façade
DPF

SparT

Flyweight
DPF

SparT

Proxy
DPF

ID	Proxy	RealSubject	Subject
1	net.sourceforge.pmd.ast.JavaParser	net.sourceforge.pmd.ast.JavaParserTokenManager	net.sourceforge.pmd.ast.JavaParserConstants

SparT

ID	Proxy	RealSubject	Subject
1	net.sourceforge.pmd.ast.JavaParser	net.sourceforge.pmd.ast.JavaParserTokenManager	net.sourceforge.pmd.ast.JavaParserConstants
	net.sourceforge.pmd.cpd.cppast.CPPParser	net.sourceforge.pmd.cpd.cppast.CPPParserTokenManager	net.sourceforge.pmd.cpd.cppast.CPPParserConstants

Interpreter
DPF

SparT

Template Method
DPF

ID	AbstractClass		
1	net.sourceforge.pmd.jaxen.NodeIterator		
2	net.sourceforge.pmd.symboltable.AbstractScope		

SparT

ID	AbstractClass		
1	net.sourceforge.pmd.jaxen.NodeIterator		
2	net.sourceforge.pmd.symboltable.AbstractScope		

Chain of Responsibility
DPF

SparT

Command
DPF

ID	Invoker	Receiver	Command
1	net.sourceforge.pmd.util.viewer.gui.MainFrame	net.sourceforge.pmd.util.viewer.model.ViewerModel	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.gui.ASTPanel
3	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel	net.sourceforge.pmd.util.viewer.model.ViewerModel	net.sourceforge.pmd.util.viewer.gui.EvaluationResultsPanel
4	net.sourceforge.pmd.symboltable.ImageFinderFunction	net.sourceforge.pmd.symboltable.NameDeclaration	net.sourceforge.pmd.symboltable.ImageFinderFunction

SparT

Iterator
DPF

ID	Iterator	ConcreteIterator	Aggregate	ConcreteAggregate
1	java.util.Iterator	net.sourceforge.pmd.jaxen.NodeIterator	org.jaxen.DefaultNavigator	net.sourceforge.pmd.jaxen.DocumentNavigator

SparT

ID	Iterator	ConcreteIterator		
1	java.util.Iterator	net.sourceforge.pmd.jaxen.AttributeAxisIterator		
2	java.util.Iterator	net.sourceforge.pmd.jaxen.NodeIterator		

Mediator
DPF

SparT

Memento
DPF

SparT

Observer
DPF

ID	Subject	Observer	
1	net.sourceforge.pmd.util.viewer.model.ViewerModel	net.sourceforge.pmd.util.viewer.model.ViewerModelListener	

ID	Subject	Observer		
1	net.sourceforge.pmd.Report	net.sourceforge.pmd.ReportListener		
2	net.sourceforge.pmd.RuleSet	net.sourceforge.pmd.Rule		
3	net.sourceforge.pmd.util.viewer.model.ViewerModel	net.sourceforge.pmd.util.viewer.model.ViewerModelListener		

State / Strategy

ID	Context	State / Strategy		
1	net.sourceforge.pmd.ast.JavaParserTokenManager	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.Language		
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.TargetJDKVersion		
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		

ID	Context	State / Strategy		
1	net.sourceforge.pmd.ast.JavaParserTokenManager	net.sourceforge.pmd.ast.CharStream		
2	net.sourceforge.pmd.PMD	net.sourceforge.pmd.TargetJDKVersion		
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		

Visitor

ID	Visitor	Element		
1	net.sourceforge.pmd.ast.JavaParserVisitor	net.sourceforge.pmd.ast.Node		

ID	Visitor	Element		
1	net.sourceforge.pmd.ast.JavaParserVisitor	net.sourceforge.pmd.ast.Node		