

<First Evaluation Method - Our Results>

JHotDraw 7.0.6

Long Parameter List

Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Geom.java	intersect
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Geom.java	intersect
JHotDraw 7.0.6\src\org\jhotdraw\ gui\JSheet.java	showOptionSheet
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Bezier.java	fitCubic
JHotDraw 7.0.6\src\org\jhotdraw\ geom\BezierPath.java	Node
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java	DoubleStroke
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Geom.java	lineContainsPoint
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\ToolBarButtonFactory.java	addColorButtonTo
JHotDraw 7.0.6\src\org\jhotdraw\ gui\JSheet.java	showInputSheet
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TextAreaFigure.java	drawParagraph
JHotDraw 7.0.6\src\net\n3\nanoxml\XMLValidationException.java	XMLValidationException

Long Method

Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java	traceStroke
JHotDraw 7.0.6\src\net\n3\nanoxml\StdXMLParser.java	processElement

Large Class

Class
JHotDraw 7.0.6\src\nanoxml\XMLElement.java

Speculative Generality

Class
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\GenericListener.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\SwingWorker.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\RunnableWorker.java
JHotDraw 7.0.6\src\org\jhotdraw\ util\Worker.java

Switch Statement

Class	Switch Statement
JHotDraw 7.0.6\src\org\jhotdraw\AttributeKeys.java	switch (FILL_UNDER_STROKE.get(f))
JHotDraw 7.0.6\src\org\jhotdraw\draw\DefaultDrawingViewBeanInfo.java	switch (iconKind)
JHotDraw 7.0.6\src\org\jhotdraw\samples\draw\DrawingPanelBeanInfo.java	switch (iconKind)
JHotDraw 7.0.6\src\org\jhotdraw\draw\action\JPopupButtonBeanInfo.java	switch (iconKind)

Cont.	
Class	Switch Statement
JHotDraw 7.0.6\src\org\jhotdraw\samples\svg\SVGPanelBeanInfo.java	switch (iconKind)
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TriangleFigure.java	switch (ORIENTATION.get(this))
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TriangleRotationHandler.java	switch (ORIENTATION.get(getOwner()))

Comment Class

Class
JHotDraw 7.0.6\src\nanoxml\XMLElement.java
JHotDraw 7.0.6\src\nanoxml\XMLParseException.java
JHotDraw 7.0.6\src\net\n3\nanoxml\ValidatorPlugin.java
JHotDraw 7.0.6\src\net\n3\nanoxml\XMLParserFactory.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\JPopupButtonBeanInfo.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierLabelLocator.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingViewBeanInfo.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DiamondFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ LabeledLineConnectionFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ LineConnectionFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Bezier.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\BezierPath.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Dimension2DDouble.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Insets2DDouble.java
JHotDraw 7.0.6\src\org\jhotdraw\ gui\datatransfer\CompositeTransferable.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawingPanelBeanInfo.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGPanelBeanInfo.java
JHotDraw 7.0.6\src\org\jhotdraw\ undo\CompositeEdit.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\XMLTransferable.java

Message Chain

Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\figures\SVGGroup.java	Public void read
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TriangleFigure.java	Public BezierPath getBezierPath

Shotgun Surgery

Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractAttributedCompositeFigure.java	Protected void writeAttributes
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractTool.java	Public void keyPressed
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AttributedFigure.java	Protected void writeAttributes

Cont.	
Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultMDIApplication.java	- Protected JMenuBar createMenuBar - Public void show
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultOSXApplication.java	Protected JMenuBar createMenuBar
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultSDIApplication.java	Protected JMenuBar createMenuBar
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java	Protected void traceStroke
JHotDraw 7.0.6\src\net\n3\nanoxml\StdXMLParser.java	Protected void processElement

Primitive Obsession

Class
JHotDraw 7.0.6\src\nanoxml\XMLElement.java
JHotDraw 7.0.6\src\net\n3\nanoxml\NonValidator.java
JHotDraw 7.0.6\src\net\n3\nanoxml\StdXMLParser.java
JHotDraw 7.0.6\src\net\n3\nanoxml\ValidatorPlugin.java
JHotDraw 7.0.6\src\net\n3\nanoxml\XMLElement.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\VerticalGridLayout.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ RoundRectangleFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TextAreaFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TriangleFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\Bezier.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\BezierPath.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGUtil.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\NanoXMLODInput.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\NanoXMLODOutput.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\NanoXMLLiteDOMInput.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\NanoXMLLiteDOMOutput.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DiamondFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\geom\DoubleStroke.java
JHotDraw 7.0.6\src\org\jhotdraw\geom\Geom.java
JHotDraw 7.0.6\src\org\jhotdraw\gui\JSheet.java
JHotDraw 7.0.6\src\org\jhotdraw\gui\MDIDesktopPane.java
JHotDraw 7.0.6\src\org\jhotdraw\util\Methods.java
JHotDraw 7.0.6\src\org\jhotdraw\xml\JavaxDOMInput.java
JHotDraw 7.0.6\src\org\jhotdraw\xml\JavaxDOMOutput.java

Temporary Field

Class	Field
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TextAreaFigure.java	dashes
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ RoundRectangleFigure.java	DEFAULT_ARC
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingView.java	emptyDrawingLable

Cont.	
Class	Field
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingView.java	handlesAreValid
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingView.java	preferredSize
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingView.java	rainbow
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DefaultDrawingView.java	detailLevel
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ ConnectionTool.java	attributes
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ ChangeConnectionHandle.java	start
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BidirectionalConnectionTool.java	attributes
JHotDraw 7.0.6\src\org\jhotdraw\ app\AbstractApplication.java	unmodifiableDocuments
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractFigure.java	isInteractive
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractTool.java	anchor

Divergent Change

Class
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\ToolBarButtonFactory.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TextTool.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawingPanel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\net\NetPanel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\pert\PertPanel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\figures\SVGPath.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGUtil.java
JHotDraw 7.0.6\src\org\jhotdraw\ xml\NanoXMLOutput.java

Middle Man

Class
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\ExitAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\ExportAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\FocusAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\LoadRecentAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultMDIApplication.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultOSXApplication.java
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultSDIApplication.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractCompositeFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\AbstractSelectedAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\AlignAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ action\MoveAction.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierNodeHandle.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierTool.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BoxHandleKit.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ ChopBoxConnector.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DelegationSelectionTool.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DragTracker.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ ElbowLiner.java

Cont.
Class
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ HorizontalLayouter.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ LabeledLineConnectionFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ LineConnectionFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ LocatorLayouter.java
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierControlPointHandle.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java
JHotDraw 7.0.6\src\org\jhotdraw\ geom\GrowStroke.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawApplicationModel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawingPanel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawLiveConnectApplet.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawLiveConnectApplet.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ Main.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\net\NetApplicationModel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\net\NetPanel.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\pert\figures\TaskFigure.java
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\action\CombineAction.java

Feature Envy

Class	Method
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ AbstractTool.java	Public void keyPressed
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java	Protected BezierPath getCappedPath
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultMDIApplication.java	Protected JMenuBar createMenuBar
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultMDIApplication.java	Protected void initApplicationActions
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultMDIApplication.java	Public void show
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultOSXApplication.java	Protected JMenuBar createMenuBar
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultOSXApplication.java	Public void show
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultSDIApplication.java	Protected JMenuBar createMenuBar
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultSDIApplication.java	Protected void initApplicationActions
JHotDraw 7.0.6\src\org\jhotdraw\ app\DefaultSDIApplication.java	Public void show
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DelegationSelectionTool.java	Protected void showPopupMenu
JHotDraw 7.0.6\src\org\jhotdraw\ geom\DoubleStroke.java	Protected void traceStroke
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawApplicationModel.java	Public void addDefaultCreationButtonsTo
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawingPanel.java	Public void addDefaultCreationButtonsTo
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ ElbowLiner.java	Public void lineout
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\ExitAction.java	Public void actionPerformed
JHotDraw 7.0.6\src\org\jhotdraw\ samples\net\NetProject.java	Public void init

Cont.	
Class	Method
JHotDraw 7.0.6\src\net\n3\nanoxml\NonValidator.java	Protected void processAttList
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\SaveBeforeAction.java	Public void actionPerformed
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ SlantedLiner.java	Public void lineout
JHotDraw 7.0.6\src\net\n3\nanoxml\StdXMLParser.java	Protected void processDocType
JHotDraw 7.0.6\src\net\n3\nanoxml\StdXMLParser.java	Protected void processElement
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGDrawing.java	Public void read
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\figures\SVGGroup.java	Public void read
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ TriangleFigure.java	Public BezierPath getBezierPath
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\figures\SVGPath.java	Protected void readPoints
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGProject.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\SVGLiveConnectApplet.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\action\SplitAction.java	Public void groupFigures
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\action\SplitAction.java	Public Collection<Figure>
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\SaveAction.java	Public void actionPerformed
JHotDraw 7.0.6\src\org\jhotdraw\ app\action\SaveAction.java	Protected void fileSaved
JHotDraw 7.0.6\src\org\jhotdraw\ samples\pert\PertProject.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ samples\pert\PertApplet.java	Public void init
JHotDraw 7.0.6\src\net\n3\nanoxml\NonValidator.java	Protected void processEntity
JHotDraw 7.0.6\src\org\jhotdraw\ samples\net\figures\NodeFigure.java	Public Collection<Handle> createHandles
JHotDraw 7.0.6\src\org\jhotdraw\ geom\GrowStroke.java	Public Shape createStrokedShape
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\DrawProject.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawLiveConnectApplet.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ samples\draw\ DrawApplet.java	Public void init
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ DelegationSelectionTool.java	Protected void handleDoubleClick
JHotDraw 7.0.6\src\org\jhotdraw\ samples\svg\action\CombineAction.java	Public Collection<Figure> ungroupFigures
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierNodeHandle.java	Public Collection<Handle> createSecondaryHandles
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java	Protected void readPoints
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java	Public boolean contains
JHotDraw 7.0.6\src\org\jhotdraw\ draw\ BezierFigure.java	Protected void drawCaps

JRefactory 2.6.24

Long Parameter List

Class	Method
src/ org/acm/seguin/ide/jbuilder/TextStructureDelegate.java	getTreeCellRendererComponent
src/ org/acm/seguin/parser/TokenMgrError.java	TokenMgrError

Long Method

Class	Method
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Private void prettySettings
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Public void run

Large Class

Class
jrefactory-2.6.24/code-2.6.24/src/ org/acm/seguin/parser/JavaParser.java
jrefactory-2.6.24/code-2.6.24/src/ org/acm/seguin/parser/JavaParserTokenManager.java
jrefactory-2.6.24/code-2.6.24/src/ org/acm/seguin/summary/LineCountVisitor.java
jrefactory-2.6.24/code-2.6.24/src/ org/acm/seguin/pretty/PrettyPrintVisitor.java

Speculative Generality

Class
-

Switch Statement

Class	Switch Statement
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\JavaParser.java	switch (i) {
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\JavaParser.java	switch ((jj_ntk == -1) ? jj_ntk() : jj_ntk) {
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\JavaParserTokenManag er.java	switch (pos) {
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\JavaParserTokenManag er.java	switch (curChar) {
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\JavaParserTokenManager.java	switch (jjstateSet[--i]) {

Comment Class

Class
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\AddFieldVisitor.java
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\ast\ASTArrayDimsAndInits.java
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\ast\ASTCompilationUnit.java

Cont.
Class
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTContinueStatement.java
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\ast\ASTExplicitConstructorInvocation.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTFormalParameter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTImportDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTInitializer.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTLabeledStatement.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTPostfixExpression.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTType.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTVariableDeclaratorId.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\jbuilder\BrowserAdapter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ChildrenVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\common\EditorOperations.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\query\EqualTree.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\FieldSummary.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\ForceJavadocComments.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\line\LineMouseAdapter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\LocalVariableSummary.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\MethodMetrics.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\MetricsReport.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintSpecialMultiLineComment.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\SpecialTokenVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\stub\StubPrintVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\Token.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\elixir\UMLDocManager.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLIcon.java

Message Chain

Class	Method
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintSpecialMultiLineComment.java	Private void cleanFormat
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\install\RefactoryInstaller.java	Private void vssSettings

Shotgun Surgery

Class	Method
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\install\RefactoryInstaller.java	- Private void prettySettings - Private void umlSettings
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\build\CreateVersion.java	Public void run
\jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\install\RefactoryInstaller.java	Private void processSettings

Primitive Obsession

Class
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\CommaDelimitedReport.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\MetricsReport.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\PackageMetrics.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\TextReport.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ChildrenVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\io\CharStream.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\io\UCode_CharStream.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParser.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParserTokenManager.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\query\EqualTree.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\TokenMgrError.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\ai\MethodAnalyzer.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\JavaDocableImpl.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\JavadocDescriptionPrinter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\LineQueue.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrettyPrintVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\SpecialTokenVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\field\RenameFieldVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\TypeChangeVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\LineCountVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\PrintVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\SummaryLoadVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\stub\StubPrintVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\line\SegmentedLine.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\ProtectionIcon.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLPackage.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLType.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\util\FileSettings.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\version\SourceSafe.java

Temporary Field

Class	Field
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\CreateClass.java	isFinal
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\CreateClass.java	isParent
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\CreateClass.java	scope
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\ExtractMethodRefactoring.java	signature
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\util\FileSettings.java	file
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\util\FileSettings.java	lastModified
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParser.java	jj_gen
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParser.java	jj_la

Cont.	
Class	Field
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParser.java	jj_la1
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\JavaParser.java	jj_ntk
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\PackageMetrics.java	blockDepthTotal
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\PackageMetrics.java	lineCountTotal
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java	cStyleFormatCode
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java	classNameStack
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java	codeBlockStyle
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintData.java	javadocMax imum
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\TypeMetrics.java	classVariabl eCount
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\TypeMetrics.java	instanceVariableCount
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\TypeMetrics.java	typeName
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\summary\TypeSummary.java	bInterface
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLLine.java	font
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLLine.java	protection
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLLine.java	foreignBG
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLLine.java	selectedBG
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLLine.java	selectedForeignBG

Divergent Change

Class
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTConstructorDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTClassDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTFieldDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTNestedInterfaceDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\ast\ASTNestedClassDeclaration.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\JavaDocableImpl.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\ExtractMethodRefactoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\FileSummary.java
jrefactory-2.6.24\code-2.6.24\src\ PrettyPrinter.java

Middle Man

Class
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\awt\AboutBox.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\AddConstructo r.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\AddImplementedInterfaceVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\line\AssociationRelationship .java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\build\BuildExpression.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\command\PackageSelectorP anel.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\ContainsStatic.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\ConvertAdapter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\EMParameterF inder.java

Cont.
Class
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\query\EqualTree.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\ExtractInterfaceRe factoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\refactor\ExtractMethodDial og.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\GetMethodSummary.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\GetTypeSummary.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\ImportsType.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\line\InheretenceRelationship.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\InvokeMovedMethodTransform.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\LineCountVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\LookupVariable .java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\jbuilder\refactor\MenuBuilder.java
jrefactory-2.6.24\code-2.6.24\src\ Metrics.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\MoveMethodR efactoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\MoveMethodVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\refactor\NewPackageDialog .java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\PackageMetricsFrame.ja va
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\query\ParameterQuery.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrettyPrintVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\print\text\Printing Thread.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintSpecialMultiLineComment.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\pretty\PrintSpecialJavadocComment.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\metrics\ProjectMetricsFrame.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\jbuilder\ProjectViewRefactorings.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\field\PushDownFieldRef actoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\method\PushUpAbstractMethodRefactoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\field\PushUpFieldRefactoring.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\jbuilder\RefactoringAdapter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\install\RefactoryInstaller.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\field\RenameFieldVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\RenameParentVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\refactor\type\RenameTypeVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\summary\load\RapidLoader.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\ide\common\UndoAdapter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\uml\UMLPopupMenu.java
jrefactory-2.6.24\code-2.6.24\src\ 897.37% org\acm\seguin\summary\SummaryLoadVisitor.java
refactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\stub\StubPrompter.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\tools\international\StringListVisitor.java
jrefactory-2.6.24\code-2.6.24\src\ org\acm\seguin\parser\query\Search.java

Feature Envy

Class	Method
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\AddClassRefactoring.java	Protected void preconditions
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\AddImplementedInterfaceVisitor.java	Public Object visit
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\AddImportTransform.java	Protected int findLastImport
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\line\AssociationRelationship.java	Protected void drawArrow
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\ast\ASTConstructorDeclaration.java	Public void finish
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\build\BuildExpression.java	Public ASTExpression buildName
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\ide\cafe\CafeSetup.java	Private Menu getMenu
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\metrics\CommaDelimitedReport.java	Private void printKey
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\build>CreateVersion.java	Public void run
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\ide\common\action\CurrentSummary.java	Private Summary getInType
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\EMParameterFinder.java	Private VariableSummary find
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\EMParameterFinder.java	Private boolean isParametersSame
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\EMParameterFinder.java	Public void run
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\ExtractInterfaceRefactoring.java	Private void addInterfaceToClasses
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\ExtractInterfaceRefactoring.java	Private Iterator getImportTypes
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\refactor\ExtractMethodDialog.java	Protected Refactoring createRefactoring
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\refactor\ExtractMethodDialog.java	Private JPanel initRadioButtons
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\ExtractMethodRefactoring.java	Public String getSignature
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\line\InheretenceRelationship.java	Protected void drawArrow
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\InvokeMovedMethodTransform.java	Protected void addBody
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\JavaDocComponent.java	Public void print
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\metrics\LineCounter.java	Public int printMessage
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\summary\LineCountVisitor.java	Protected Token getToken

Cont.	
Class	Method
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\ai\MethodAnalyzer.java	Private boolean isMainMethod
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\ai\MethodAnalyzer.java	Private void requireDescription
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\metrics\MetricsReport.java	Public void methodReport
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\metrics\MetricsReport.java	Public void typeReport
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\ModifierHolder.java	Public String toString
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\MoveMethodRefactoring.java	Private void checkMessageSend
refactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\MoveMethodVisit or.java	Private Object updatePrivateField
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\NamedJavaDocComponent.java	Public void print
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\ParseException.java	Protected String add_escapes
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\PrettyPrintVisitor.java	Protected void forInit
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\PrettyPrintVisitor.java	Private Token getInitialToken
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\print\PrintingSettings.java	Private void write
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\print\text\PrintingThread.java	Private void loadDefaults
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\pretty\PrintSpecialMultiLineComment.java	Private void cleanFormat
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\PushDownFieldRefactoring.java	Protected void preconditions
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\PushDownFieldRefactoring.java	Protected void transform
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\method\PushUpAbstractMethodRefactoring.java	Protected void transform
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\PushUpFieldRefactoring.java	Protected void preconditions
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\PushUpFieldRefactoring.java	Protected void transform
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\ide\jbuilder\RefactoringAdapter.java	Public void browserViewerActivated
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\install\RefactoryInstaller.java	Private void prettySettings
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\install\RefactoryInstaller.java	Private void processSettings
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\install\RefactoryInstaller.java	Public void run
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\install\RefactoryInstaller.java	Private void umlSettings

Cont.	
Class	Method
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\tools\install\RefactoryInstaller.java	Private void vssSettings
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\RemoveEmptyClassRefactoring.java	Protected void preconditions
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\RemoveEmptyClassRefactoring.java	Protected void transform
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\field\RenameFieldVisitor.java	Private void processNameExpression
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\refactor\type\RenameTypeVisitor.java	Public Object visit
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\parser\query\Search.java	Private boolean specialCase
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\line\SegmentedLine.java	Protected void drawArrow
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\UMLPopupMenu.java	Private void addFieldRefactorings
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\UMLPopupMenu.java	Private void addMethodRefactorings
jrefactory-2.6.24\code-2.6.24\src\org\acm\seguin\uml\UMLPopupMenu.java	Private void addTypeRefactorings

Junit 3.7

Long Parameter List

Class	Method
Junit-3.7/src/awtui/TestRunner.java	addGrid
Junit-3.7/src/swingui/TestRunner.java	addGrid

Long Method

Class	Method
junit-3.7/src/awtui/TestRunner.java	Frame createUI

Large Class

Class
-

Speculative Generality

Class
-

Switch Statement

Class
-

Comment Class

Class
-

Message Chain

Class	Method
junit-3.7\src\textui\TestRunner.java	Public void printErrors

Shotgun Surgery

Class	Method
junit-3.7\src\textui\TestRunner.java	Public void print
junit-3.7\src\framework\TestResult.java	Public int errorCount

Primitive Obsession

Class
junit-3.7\src\framework\Assert.java
junit-3.7\src\awtui\TestRunner.java
junit-3.7\src\swingui\TestRunner.java

Temporary Field

Class	Field
junit-3.7\src\framework\TestResult.java	fRunTests
junit-3.7\src\swingui\TestRunner.java	FAILED ETAILVIEW
junit-3.7\src\swingui\TestRunner.java	fLogo
junit-3.7\src\swingui\TestRunner.java	fQuitButton
junit-3.7\src\swingui\TestRunner.java	HISTORY_LENGTH
junit-3.7\src\swingui\TestRunner.java	GAP

Divergent Change

Class
junit-3.7\src\awtui\TestRunner.java

Middle Man

Class
-

Feature Envy

Class	Method
junit-3.7\src\awtui\TestRunner.java	Public void rerun
junit-3.7\src\swingui\TestRunner.java	Private void rerunTest
junit-3.7\src\textui\TestRunner.java	Public void printFailures

<First Evaluation Method - CheckStyle & PMD Results>

JHotDraw 7.0.6

CheckStyle

Long Parameter List

Class	Method
JHotDraw 7.0.6/src/org/jhotdraw/ geom/Geom.java	intersect
JHotDraw 7.0.6/src/org/jhotdraw/ geom/Geom.java	intersect
JHotDraw 7.0.6/src/org/jhotdraw/ gui/JSheet.java	showOptionSheet
JHotDraw 7.0.6/src/org/jhotdraw/ geom/Bezier.java	fitCubic

Long Method

Class	Method
JHotDraw 7.0.6/src/org/jhotdraw/ geom/DoubleStroke.java	traceStroke
JHotDraw 7.0.6/src/net/n3/nanoxml/StdXMLParser.java	processElement
src/org/jhotdraw/draw/BezierLabelLocator.java	getRelativeLabelPoint

Large Class

Class
JHotDraw 7.0.6\src\nanoxml\XMLElement.java

PMD

Long Method

Class	Method
Src/org/jhotdraw/ geom/DoubleStroke.java	traceStroke
Src/net/n3/nanoxml/StdXMLParser.java	processElement
src/nanoxml/XMLElement.java	scanElement
src/net/n3/nanoxml/NonValidator.java	processAttList
src/net/n3/nanoxml/XMLWriter.java	write
src/org/jhotdraw/app/DefaultMDIApplication.java	createMenuBar
src/org/jhotdraw/app/DefaultOSXApplication.java	createMenuBar
src/org/jhotdraw/draw/BezierLabelLocator.java	getRelativeLabelPoint
src/org/jhotdraw/draw/action/ImageBevelBorder.java	paintBorder
src/org/jhotdraw/draw/action/ToolBarButtonFactory.java	addStrokePlacementButtonTo
src/org/jhotdraw/draw/action/ToolBarButtonFactory.java	addFontButtonsTo
src/org/jhotdraw/samples/svg/SVGUtil.java	getTransform
src/org/jhotdraw/samples/svg/SVGUtil.java	toPathData
src/org/jhotdraw/samples/svg/SVGUtil.java	fromPathData

Long Parameter List

Class	Method
-	-

Large Class

Class
JHotDraw 7.0.6\src\nanoxml\XMLElement.java

JRefactory 2.6.24

PMD

Long Parameter List

Class	Method
-	-

Long Method

Class	Method
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Private void prettySettings
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Public void run
src/org/acm/seguin/ant/CVSUtil.java	parseEntryLine
src/org/acm/seguin/ide/common/KeyPanel.java	init
src/org/acm/seguin/parser/JavaParserTokenManager.java	getNextToken
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjStopStringLiteralDfa_0
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveStringLiteralDfa0_0
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveStringLiteralDfa1_0
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveNfa_0
src/org/acm/seguin/pretty/PrintSpecialMultiLineComment.java	cleanFormat

Large Class

Class
src/ org/acm/seguin/parser/JavaParser.java
src/ org/acm/seguin/parser/JavaParserTokenManager.java
src/org/acm/seguin/pretty/PrettyPrintVisitor.java
src/org/acm/seguin/summary/LineCountVisitor.java
src/org/acm/seguin/parser/query/CompareParseTreeVisitor.java
src/org/acm/seguin/pretty/PrintData.java
src/org/acm/seguin/pretty/SpecialTokenVisitor.java
src/org/acm/seguin/summary/SummaryLoadVisitor.java
src/org/acm/seguin/tools/install/RefactoryInstaller.java
src/org/acm/seguin/tools/stub/StubPrintVisitor.java

CheckStyle

Long Parameter List

Class	Method
-	-

Long Method

Class	Method
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Private void prettySettings
src/ org/acm/seguin/tools/install/RefactoryInstaller.java	Public void run
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveNfa_0
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveStringLiteralDfa0_0
src/org/acm/seguin/parser/JavaParserTokenManager.java	jjMoveStringLiteralDfa1_0

Large Class

Class
src/ org/acm/seguin/parser/JavaParser.java
src/ org/acm/seguin/parser/JavaParserTokenManager.java
src/org/acm/seguin/summary/LineCountVisitor.java
src/org/acm/seguin/parser/query/CompareParseTreeVisitor.java
src/org/acm/seguin/tools/install/RefactoryInstaller.java

Junit 3.7

PMD

Long Parameter List

Class	Method
-	-

Long Method

Class	Method
junit-3.7/src/awtui/TestRunner.java	Frame createUI

Large Class

Class
-

CheckStyle

Long Parameter List

Class	Method
Junit-3.7/src/awtui/TestRunner.java	addGrid
Junit-3.7/src/swingui/TestRunner.java	addGrid

Long Method

Class	Method
junit-3.7/src/awtui/TestRunner.java	Frame createUI

Large Class

Class
-

<Second Evaluation Method- Comparison Results>

GanttProject (2.0.10)

Large Class

Identified Instances	Our Method	PMD	CheckStyle
net.sourceforge.ganttproject.action.ResourceActionSet	✗	✗	✗
net.sourceforge.ganttproject.action.resource.ResourcePropertiesAction	✗	✗	✗
net.sourceforge.ganttproject.chart.ChartViewState	✗	✗	✗
net.sourceforge.ganttproject.ChartComponentBase	✗	✗	✗
net.sourceforge.ganttproject.chart.DependencyInteractionRenderer	✗	✗	✗
net.sourceforge.ganttproject.chart.GraphicPrimitiveContainer	✗	✗	✗
net.sourceforge.ganttproject.chart.TaskRendererImpl	✓	✓	✗
net.sourceforge.ganttproject.GanttResourcePanel	✓	✗	✗
net.sourceforge.ganttproject.GanttTreeTable	✓	✓	✗
net.sourceforge.ganttproject.GanttTreeTableModel	✓	✗	✗
net.sourceforge.ganttproject.GPTreeTableBase	✗	✗	✗
net.sourceforge.ganttproject.gui.options.LnFSettingsPanel	✗	✗	✗
net.sourceforge.ganttproject.resource.HumanResourceManager	✗	✗	✗
net.sourceforge.ganttproject.ResourceLoadGraphicArea	✗	✗	✗
net.sourceforge.ganttproject.ResourceTreeTable	✓	✗	✗
net.sourceforge.ganttproject.GanttProject.java	✓	✓	✓
net.sourceforge.ganttproject.GanttTree2.java	✓	✓	✓
net.sourceforge.ganttproject.GanttOptions.java	✓	✓	✗
net.sourceforge.ganttproject.GanttGraphicArea.java	✓	✓	✗
net.sourceforge.ganttproject.ActivityOnNodePertChart.java	✗	✓	✗
net.sourceforge.ganttproject.TaskImpl.java	✗	✓	✗

Long Method

Identified Instances	Our Method	PMD	CheckStyle
net.sourceforge.ganttproject.GanttTree2.java (insertClonedNode)	✗	✗	✗
net.sourceforge.ganttproject.gui.options.LnFSettingsPanel.java (LnFSettingsPanel)	✓	✓	✓
net.sourceforge.ganttproject.io.GanttCSVExport.java (getMaxSize)	✓	✓	✗
net.sourceforge.ganttproject.chart.TaskRendererImpl.java (prepareDependencyDrawData)	✓	✓	✓
net.sourceforge.ganttproject.GanttProject.java (addButtons)	✓	✓	✓
net.sourceforge.ganttproject.ResourceTreeTable.java (initTreeTable)	✓	✓	✓
net.sourceforge.ganttproject.GanttTreeTable.java (initTreeTable)	✓	✓	✗
net.sourceforge.ganttproject.task.TaskProperties.java (getProperty)	✓	✓	✗
net.sourceforge.ganttproject.gui.GanttDialogCustomColumn.java (getComponent)	✗	✗	✗
net.sourceforge.ganttproject.gui.GanttTaskPropertiesBean.java (constructNotesPanel)	✓	✗	✗
net.sourceforge.ganttproject.GanttTree2.java (dedentCurrentNodes)	✓	✗	✗
net.sourceforge.ganttproject.gui.GanttTaskPropertiesBean.java (setSelectedTask)	✗	✗	✗
net.sourceforge.ganttproject.gui. ResourceDialogCustomColumn.java (ok)	✗	✗	✗
net.sourceforge.ganttproject.gui.previousState. GanttDialogCompareToPreviousState.java (actionPerformed)	✗	✗	✗
net.sourceforge.ganttproject.GPTreeTableBase.java (newDateCellEditor)	✗	✗	✗
net.sourceforge.ganttproject.GanttProject.java (GanttProject)	✓	✓	✓
net.sourceforge.ganttproject.print.PrintPreview (PrintPreview)	✓	✓	✓
net.sourceforge.ganttproject.GanttXMLOptionsParser (startElement)	✓	✓	✓
net.sourceforge.ganttproject.gui.GanttTaskPropertiesBean (constructGeneralPanel)	✓	✓	✓
net.sourceforge.ganttproject.GanttOptions (Save)	✓	✓	✓
net.sourceforge.ganttproject.GanttTree2 (GanttTree2)	✓	✓	✓
net.sourceforge.ganttproject.GanttTreeTable (reloadColumns)	✗	✓	✓

net.sourceforge.ganttproject.gui.options.LnFSettingsPanel (LnFSettingsPanel)	✓	✓	✓
net.sourceforge.ganttproject.gui.TipsDialog (TipsDialog)	✗	✓	✓
net.sourceforge.ganttproject.gui.options . CSVSettingsPanel (CSVSettingsPanel)	✓	✓	✓
net.sourceforge.ganttproject.parser.TaskTagHandler (loadTask)	✓	✓	✗
net.sourceforge.ganttproject.GanttResourcePanel (GanttResourcePanel)	✗	✓	✗
org.w3c.util.DateParser (getCalendar)	✗	✓	✗
org.ganttproject.impex.htmlpdf.ExporterBase (writeTasks)	✓	✓	✗
net.sourceforge.ganttproject.gui.GanttDialogCalendar (GanttDialogCalendar)	✗	✓	✗
net.sourceforge.ganttproject.gui.about.AboutAuthorPanel (AboutAuthorPanel)	✓	✓	✗
net.sourceforge.ganttproject.GanttTree2 (pasteNode)	✗	✓	✗
net.sourceforge.ganttproject.io.GanttXFIGSaver (task2box)	✓	✓	✗
net.sourceforge.ganttproject.GanttProject (actionPerformed)	✗	✓	✗
net.sourceforge.ganttproject.chart.TaskRendererImpl (processRegularActivity)	✗	✓	✗

Long Parameter List

Identified Instances	Our Method	PMD	CheckStyle
net.sourceforge.ganttproject.gui.taskproperties.CommonPanel.java (addUsingGBL)	✓	✗	✓
net.sourceforge.ganttproject.task.algorithm.AlgorithmCollection.java (AlgorithmCollection)	✓	✗	✗
net.sourceforge.ganttproject.chart.RegularFrameOffsetBuilder.java (RegularFrameOffsetBuilder)	✓	✗	✓
net.sourceforge.ganttproject.GanttTree2.java (getTreeCellRendererComponent)	✓	✗	✓
net.sourceforge.ganttproject.chart.SkewedFrameOffsetBuilder.java (SkewedFrameOffsetBuilder)	✓	✗	✓
net.sourceforge.ganttproject.task.algorithm.CriticalPathAlgorithmImpl.java	✓	✗	✗
net.sourceforge.ganttproject.chart.RenderedChartImage.java (getChart)	✓	✗	✗
net.sourceforge.ganttproject.export.ExportFileWizardImpl.java (ExportFileWizardImpl)	✓	✗	✗
net.sourceforge.ganttproject.gui.taskproperties.CommonPanel.java (setFirstRow)	✓	✗	✗
net.sourceforge.ganttproject.io.TaskSaver.java (writeTaskProperty)	✓	✗	✗
net.sourceforge.ganttproject.time.gregorian.GregorianCalendar.java (GregorianCalendar)	✗	✗	✗
net.sourceforge.ganttproject.action.CalculateCriticalPathAction.java (CalculateCriticalPathAction)	✓	✗	✗
net.sourceforge.ganttproject.chart.ChartModelBase.java (calculateOffsets)	✗	✗	✗
net.sourceforge.ganttproject.GanttGraphicArea.java (GanttGraphicArea)	✗	✗	✗
net.sourceforge.ganttproject.GanttTask.java (GanttTask)	✗	✗	✗
net.sourceforge.ganttproject.GanttTreeCellRenderer (getTreeCellRendererComponent)	✗	✗	✓
net.sourceforge.ganttproject.gui.options.SpringUtilities (makeGrid)	✓	✗	✓
net.sourceforge.ganttproject.gui.options.SpringUtilities (makeCompactGrid)	✓	✗	✓