	Non-Inheritance Extract	t Class Refactoring Suggestions
		Extract Class
Original Class $[N_{ m split}]$	New Class [Superclass] [Subclass]	Methods/Fields
ChartPanel [3]	ChartPanel_new_1 [ChartProgressListener] [-]	getMinimumDrawWidth(int) minimumDrawWidth getMaximumDrawWidth(int) maximumDrawWidth(int) maximumDrawWidth getMinimumDrawWidth getMinimumDrawHeight() setMinimumDrawHeight(int) minimumDrawHeight(int) minimumDrawHeight() setMaximumDrawHeight() setMaximumDrawHeight() setMaximumDrawHeight(int) maximumDrawHeight setRefreshBuffer(boolean) refreshBuffer chartChanged(ChartChangeEvent) chartProgress(ChartProgressEvent) mouseExited(MouseEvent) mouseEntered(MouseEvent) addChartMouseListener(ChartMouseListener) chartMouseListeners removeChartMouseListener(ChartMouseListener) setBackground(Color) setMouseZoomable(boolean) setMouseZoomable(boolean, boolean, boolean, boolean, boolean, boolean) ChartPanel(JFreeChart, boolean, boolean, boolean, boolean) ChartPanel(JFreeChart, boolean) ChartPanel(JFreeChart) getGraphics() zoomOutVerticalMenuItem zoomInVerticalMenuItem zoomOutBothMenuItem zoomOutBothMenuItem autoRangeHorizontalMenuItem autoRangeHorizontalMenuItem autoRangeBothMenuItem zoomInBothMenuItem autoRangeBothMenuItem setVerticalAxisTrace(boolean)

	Γ	
		verticalAxisTrace
		setHorizontalAxisTrace(boolean)
		horizontalAxisTrace
		useBuffer
		available
		chartArea
		setPreferredSize(Dimension)
		enableEvents(long)
		setDisplayToolTips(boolean)
		addMouseListener(MouseListener)
		add Mouse Motion Listener (Mouse Motion Listener)
		createPopupMenu(boolean, boolean, boolean,
		boolean)
		displayPopupMenu(int, int)
		setFillZoomRectangle(boolean)
		fillZoomRectangle
		ChartPanel(JFreeChart, int, int, int, int, int, int,
		boolean, boolean, boolean, boolean,
		boolean)
		zoomRectangle
		zoomPoint
		actionPerformed(ActionEvent)
		mouseReleased(MouseEvent)
		mouseDragged(MouseEvent)
		mousePressed(MouseEvent)
		getPopupMenu()
		рорир
		setPopupMenu(JPopupMenu)
		repaint()
		createChartPrintJob()
		autoRangeBoth()
		zoomInBoth(double, double)
		zoomOutBoth(double, double)
		info
		getChartRenderingInfo()
C	hartPanel_new_2	mouseClicked(MouseEvent)
	[-]	zoomOutVertical(double)
	[-]	• • •
		zoomOutHorizontal(double)
		zoomInVertical(double)
		zoomInHorizontal(double)
		setHorizontalZoom(boolean)
		horizontalZoom
		setVerticalZoom(boolean)
		verticalZoom

autoRangeVertical() zoom(Rectangle2D) getChart() setChart(JFreeChart) chart print(Graphics,PageFormat, int) autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions() createImage(int, int)	
getChart() setChart(JFreeChart) chart print(Graphics,PageFormat, int) autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
setChart(JFreeChart) chart print(Graphics,PageFormat, int) autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
chart print(Graphics,PageFormat, int) autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
print(Graphics,PageFormat, int) autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
autoRangeHorizontal() attemptEditChartProperties() doSaveAs() getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
attemptEditChartProperties() doSaveAs()  getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
doSaveAs()  getHeight()  getWidth()  setEnforceFileExtensions(boolean)  enforceFileExtensions  isEnforceFileExtensions()	
getHeight() getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
getWidth() setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions()	
enforceFileExtensions isEnforceFileExtensions()	
isEnforceFileExtensions()	
createImage(int, int)	
chartBuffer	
chartBufferHeight	
chartBufferWidth	
drawVerticalAxisTrace(int)	
horizontalTraceLine	
ChartPanel_new_3 getInsets()	
[-] [-] paintComponent(Graphics)	
scaleY	
mouseMoved(MouseEvent)	
scaleX	
getScaledDataArea()	
getEntityForPoint(int, int)	
translateScreenToJava2D(Point)	
translateJava2DToScreen(Point2D)	
getToolTipText(MouseEvent)	
verticalTraceLine	
drawHorizontalAxisTrace(int)	
getSize()	
getDrawBorder()	
setDrawBorder(boolean)	
drawBorder	
getMeterDataset()	
MeterPlot new 1 drawTicks(Graphics2D.Rectangle2D. double	e,
MeterPlot [Plot] double)	•
[3] [-] drawTick(Graphics2D,Rectangle2D, double	)
getDialBorderColor()	,
setDialBorderColor(Color)	
dialBorderColor	
DEFAULT_CIRCLE_SIZE	

NO\_LABELS DIALTYPE\_CIRCLE VALUE\_LABELS DEFAULT\_BORDER\_SIZE getDialBackgroundPaint() setDialBackgroundPaint(Paint) dialBackgroundPaint DEFAULT\_DIAL\_BACKGROUND\_PAINT WARNING\_TEXT DEFAULT\_METER\_ANGLE NORMAL\_TEXT CRITICAL\_TEXT DIALTYPE\_CHORD getValuePaint() setValuePaint(Paint) valuePaint DEFAULT\_VALUE\_PAINT getNeedlePaint() setNeedlePaint(Paint) needlePaint DEFAULT\_NEEDLE\_PAINT DIALTYPE\_PIE getValueFont() setValueFont(Font) valueFont DEFAULT\_VALUE\_FONT getLegendItemLabels() static {} getInsets() zoom(double) notifyListeners(PlotChangeEvent) getForegroundAlpha() drawOutline(Graphics2D,Rectangle2D) drawBackground (Graphics 2D, Rectangle 2D)draw (Graphics 2D, Rectangle 2D, Chart Rendering Info) getDataset() getLegendItems() MeterPlot(MeterDataset) getPlotType() getMeterAngle() setMeterAngle(int) meterAngle getDialType()

		setDialType(int)
		dialType drawArc(Graphics2D,Rectangle2D, double,
		double,Paint, int)
		calculateAngle(double)
		updateInformation(MeterPlot,MeterDataset, int,
		int,LegendItem[],Paint[])
		createLegendItem(Graphics,LegendItem, double,
		double)
		showNormal
		showWarning
		showCritical
		meterCalcAngle
		meterRange
		minMeterValue
		getNormalPaint()
		setNormalPaint(Paint)
		normalPaint
	MeterPlot_new_2	DEFAULT_NORMAL_PAINT
	[-]	getCriticalPaint()
	[-]	setCriticalPaint(Paint)
	[ ]	criticalPaint
		DEFAULT_CRITICAL_PAINT
		getWarningPaint()
		setWarningPaint(Paint)
		warningPaint
		DEFAULT_WARNING_PAINT
		drawArc(Graphics2D,Rectangle2D, double,
	MeterPlot_new_3	double,Paint)
		drawTick(Graphics2D,Rectangle2D, double,
		boolean,Paint)
		DEFAULT_BACKGROUND_PAINT
		draw Arc For (Graphics 2D, Rectangle 2D, Meter Datas
		et, int)
		DEFAULT_LABEL_FONT
		getTickLabelType()
		setTickLabelType(int)
		tickLabelType
		getTickLabelFont()
	[-]	setTickLabelFont(Font)
	[-]	tickLabelFont
		drawTick(Graphics2D,Rectangle2D, double,
		boolean,Paint, boolean,String)
ThermometerPlot	ThermometerPlot_new	setValueFormat(NumberFormat)

[3]	_1	valueFormat
[0]	 [VerticalValuePlot]	rangeIndicatorStroke
	[-]	subrangeIndicatorStroke
	[ ]	getData()
		setData(ValueDataset)
		data
		getUseSubrangePaint()
		setUseSubrangePaint(boolean)
		useSubrangePaint
		getSubrangePaint(int)
		setSubrangePaint(int,Paint)
		subrangePaint
		getMercuryPaint()
		setMercuryPaint(Paint)
		mercuryPaint
		getCurrentPaint()
		subrangeIndicatorsVisible
		ThermometerPlot()
		getThermometerPaint()
		setThermometerPaint(Paint)
		thermometerPaint
		getFollowDataInSubranges()
		setFollowDataInSubranges(boolean)
		followDataInSubranges
		getShowValueLines()
		setShowValueLines(boolean)
		showValueLines
		getThermometerStroke()
		setThermometerStroke(Stroke)
		thermometerStroke
		getValuePaint()
		setValuePaint(Paint)
		valuePaint
		getValueLocation()
		setValueLocation(int)
		valueLocation
		getValueFont()
		setValueFont(Font)
		valueFont
		getPadding()
		setPadding(Spacer)
		padding
		WARNING
		BULB_RADIUS

RANGE\_LOW DEFAULT\_UPPER\_BOUND UNITS\_FAHRENHEIT RANGE\_HIGH isCompatibleVerticalAxis(Axis)AXIS\_GAP DISPLAY\_LOW getLegendItemLabels() **RIGHT** propertyChange() GAP\_DIAMETER **CRITICAL** UNITS\_NONE UNITS\_KELVIN **UNITS** getUnits() setUnits(String) units setUnits(int) DEFAULT\_LOWER\_BOUND is Compatible Horizontal Axis (Axis)BULB NORMAL DISPLAY\_HIGH COLUMN\_DIAMETER COLUMN\_RADIUS GAP\_RADIUS UNITS\_CELCIUS BULB\_DIAMETER NONE getRangeAxis() setRangeAxis(ValueAxis) rangeAxis draw (Graphics 2D, Rectangle 2D, Chart Rendering InfgetLegendItems() static {} readObject(ObjectInputStream) drawBackground(Graphics2D,Rectangle2D) ThermometerPlot(ValueDataset) getVerticalDataRange(ValueAxis) getVerticalValueAxis() getInsets() getPlotType()

	T	
		setInsets(Insets)
		setBackgroundPaint(Paint)
		datasetChanged(DatasetChangeEvent)
		setOutlinePaint(Paint)
		writeObject(ObjectOutputStream)
		equals(Object)
		zoom(double)
		drawOutline(Graphics2D,Rectangle2D)
		notifyListeners(PlotChangeEvent)
		isCompatibleRangeAxis(ValueAxis)
		setAxisRange()
		getLowerBound()
		setLowerBound(double)
	ThermometerPlot_new	lowerBound
	_2	getMinimumVerticalDataValue()
	[-]	getUpperBound()
	[-]	setUpperBound(double)
		upperBound
		getMaximumVerticalDataValue()
		setRange(double, double)
		setSubrangeInfo(int, double, double, double,
		double)
		setSubrangeInfo(int, double, double)
	ThermometerPlot_new	subrangeInfo
	_3	setSubrange(int, double, double)
	[-]	subrange
	[-]	setDisplayRange(int, double, double)
		inSubrange(int, double)
		isValidNumber(double)
		getURLGenerator()
		setURLGenerator(XYURLGenerator)
		urlGenerator
		propertyChange(PropertyChangeEvent)
		domainMarkers
		clearDomainMarkers()
	ContourPlot_new_1 [2]  ContourPlot_new_1 [VerticalValuePlot] [-]	v
ContourPlot		addDomainMarker(Marker)
[2]		rangeMarkers
		clearRangeMarkers()
		addRangeMarker(Marker)
		isCompatibleColorBarAxis(NumberAxis)
		setColorBarAxis(NumberAxis)
		colorBar
		setDomainCrosshairVisible(boolean)
		domainCrosshairVisible

isDomainCrosshairVisible() isCompatibleRangeAxis(ValueAxis) visibleRange(ContourDataset,Range,Range) addAnnotation(Annotation) clearAnnotations() annotations setRangeCrosshairVisible(boolean) range Crosshair VisibleisRangeCrosshairVisible() DEFAULT\_INSETS getHorizontalAxis() setDomainCrosshairValue(double) is Compatible Domain Axis (Value Axis)getDomainCrosshairPaint() setDomainCrosshairPaint(Paint) domainCrosshairPaint getRangeCrosshairStroke() setRangeCrosshairStroke(Stroke) rangeCrosshairStroke getRangeCrosshairPaint() setRangeCrosshairPaint(Paint) rangeCrosshairPaint getDomainCrosshairStroke() setDomainCrosshairStroke(Stroke) domainCrosshairStroke getContourDataset() getRangeCrosshairValue()setRangeCrosshairValue(double) rangeCrosshairValue setRangeCrosshairValue(double, boolean) getDomainCrosshairValue() setDomainCrosshairValue(double, boolean) domainCrosshairValue draw Horizontal Line (Graphics 2D, Rectangle 2D,double, Stroke, Paint) setRenderAsPoints(boolean) renderAsPoints isRenderAsPoints() getDomainAxis() setDomainAxis(ValueAxis) domainAxis getClipPath() setClipPath(ClipPath) clipPath

	render(Graphics2D,Rectangle2D,ChartRenderingIn
	fo,CrosshairInfo)
	drawVerticalLine(Graphics2D,Rectangle2D,
	double,Stroke,Paint)
	getRangeAxis()
	setRangeAxis(ValueAxis)
	_
	rangeAxis
	zoom(double)
	getInsets()
	getDataAreaRatio()
	drawOutline(Graphics2D,Rectangle2D)
	handleClick(int, int,ChartRenderingInfo)
	getHorizontalDataRange(ValueAxis)
	getHorizontalValueAxis()
	getPlotType()
	getContourDataRange()
	draw(Graphics2D,Rectangle2D,ChartRenderingInf
	o)
	datasetChanged(DatasetChangeEvent)
	getForegroundAlpha()
	axisChanged(AxisChangeEvent)
	drawBackground(Graphics2D,Rectangle2D)
	Contour Plot (Contour Datas et, Value Axis, Value Axis,
	NumberAxis)
	drawRangeMarker(Graphics2D)
	notifyListeners(PlotChangeEvent)
	getColorBarValueAxis()
	getVerticalDataRange(ValueAxis)
	getDataset()
	drawDomainMarker(Graphics2D)
	getVerticalValueAxis()
	static {}
	getVerticalAxis()
	setDomainCrosshairLockedOnData(boolean)
	domainCrosshairLockedOnData
	isDomainCrosshairLockedOnData()
	setRangeCrosshairLockedOnData(boolean)
ContourPlot_new_2	rangeCrosshairLockedOnData
[-]	isRangeCrosshairLockedOnData()
[-]	getPtSizePct()
LI	setPtSizePct(double)
	ptSizePct
	getMissingPaint()
	setMissingPaint(Paint)
	schvissingi anit(i anit)

		missingPaint
		getToolTipGenerator()
		setToolTipGenerator(ContourToolTipGenerator)
		toolTipGenerator
		contourRenderer(Graphics2D,Rectangle2D,ChartR
		enderingInfo)
		pointRenderer(Graphics2D,Rectangle2D,ChartRen
		deringInfo)
		Hour()
		FIRST_HOUR_IN_DAY
		LAST_HOUR_IN_DAY
		parseHour(String)
		DATE_FORMAT
		DATE_FORMAT_SHORT
		parseDay(String)
		DATE_FORMAT_LONG
	11.	DATE_FORMAT_MEDIUM
	Hour_new_1	getHour()
	[RegularTimePeriod]	hour
	[-]	previous()
Hour		getSerialIndex()
[2]		getFirstMillisecond(Calendar)
		Hour(int,Day)
		compareTo(Object)
		next()
		Hour(Date)
		Hour(Date,TimeZone)
		getLastMillisecond(Calendar)
		equals(Object)
		getDay()
	Hour_new_2 [-]	day
		getYear()
	[-]	getMonth()
		getDayOfMonth()
		addOrUpdate(RegularTimePeriod,Number)
		fireSeriesChanged()
		createCopy(int, int)
	TimeSeries_new_1	TimeSeries(String,String,Class)
TimeSeries	[Series]	removeChangeListener(SeriesChangeListener)
[2]	[-]	addChangeListener(SeriesChangeListener)
[-1	r 1	firePropertyChange(String,Object,Object)
		getName()
	TimeSeries_new_2	DEFAULT_RANGE_DESCRIPTION
	TimeSeries now 2	clone()

	[-]	DEFAULT_DOMAIN_DESCRIPTION
	[-]	setDomainDescription(String)
		getDomainDescription()
		domain
		setRangeDescription(String)
		range
		getRangeDescription()
		equals(Object)
		createCopy(RegularTimePeriod,RegularTimePerio
		d)
		getNextTimePeriod()
		getTimePeriods()
		TimeSeries(String)
		addAndOrUpdate()
		getTimePeriodsUniqueToOtherSeries()
		getTimePeriod(int)
		TimeSeries(String,Class)
		getMaximumItemCount()
		setMaximumItemCount(int)
		maximumItemCount
		getHistoryCount()
		setHistoryCount(int)
		historyCount
		getTimePeriodClass()
		timePeriodClass
		add()
		delete(int, int)
		update(RegularTimePeriod,Number)
		getDataPair(RegularTimePeriod)
		getDataPair(int)
		getItemCount()
		data
		getIndex(RegularTimePeriod)
		delete(RegularTimePeriod)
		add(RegularTimePeriod, double)
		add(RegularTimePeriod,Number)
		getValue(int)
		getValue(RegularTimePeriod)
		getBackgroundImage()
		setBackgroundImage(Image)
JFreeChart	JFreeChart_new_1	backgroundImage
[3]	[TitleChangeListener]	getBackgroundImageAlignment()
	[-]	setBackgroundImageAlignment(int)
		backgroundImageAlignment

		getBackgroundImageAlpha()
		setBackgroundImageAlpha(float)
		backgroundImageAlpha
		getTitle()
		setTitle(TextTitle)
		title
		JFreeChart(String,Plot)
		legendChanged(LegendChangeEvent)
		JFreeChart(String,Font,Plot, boolean)
		static {}
		setTitle(String)
		titleChanged(TitleChangeEvent)
		plotChanged(PlotChangeEvent)
		getSuppressChartChangeEvents()
		setSuppressChartChangeEvents(boolean)
		notifyListeners(ChartChangeEvent)
	JFreeChart_new_2	
		setNotify(boolean) notify
	[-]	
	[-]	isNotify()
		removeChangeListener(ChartChangeListener)
		addChangeListener(ChartChangeListener)
		changeListeners
		JFreeChart(Plot)
		notifyListeners(ChartProgressEvent)
	JFreeChart_new_3	progressListeners
		removeProgressListener(ChartProgressListener)
		addProgressListener(ChartProgressListener)
		main(String[])
		INFO
		createBufferedImage(int, int)
		createBufferedImage(int, int,ChartRenderingInfo)
		draw(Graphics2D,Rectangle2D)
		fireChartChanged()
	[-]	getAntiAlias()
	[-]	setAntiAlias(boolean)
		antialias
		getBackgroundPaint()
		setBackgroundPaint(Paint)
		backgroundPaint
		writeObject(ObjectOutputStream)
		getLegend()
		legend
		draw(Graphics2D,Rectangle2D,ChartRenderingInf
		writeObject(ObjectOutputStream) getLegend() setLegend(Legend)
		uraw(GraphicS2D, Nectangle2D, ChartKenderingini

		0)
		equals(Object)
		addSubtitle(AbstractTitle)
		getSubtitles()
		setSubtitles(List)
		subtitles
		getSubtitleCount()
		getSubtitle(int)
		readObject(ObjectInputStream)
		getPlot()
		plot
		getCategoryPlot()
		handleClick(int, int,ChartRenderingInfo)
		getXYPlot()
		drawTitle(AbstractTitle,Graphics2D,Rectangle2D)
		setSeriesName(int,String)
		seriesNames
		getPosition()
		setPosition(int)
		position
		getX(RegularTimePeriod)
		workingCalendar
		minValue
		maximumItemCount
		timePeriodClass
		pointsInTime
		_
DynamicTimeSeries	DynamicTimeSeriesCol lection_new_1	getMaximumDomainValue()
		getItemCount(int)
		getStartXValue(int, int)
Collection	[RangeInfo]	DynamicTimeSeriesCollection(int,
[2]	[-]	int,RegularTimePeriod,TimeZone)
		getMaximumRangeValue()
		getEndYValue(int, int)
		seriesChanged(SeriesChangeEvent)
		getYValue(int, int)
		getSeriesName(int)
		getStartYValue(int, int)
		getMinimumRangeValue()
		getEndXValue(int, int)
		getXValue(int, int)
		getMinimumDomainValue()
		getDomainRange()
		domainRange
		getSeriesCount()

		seriesCount
		getValueRange()
		valueRange
		MIDDLE
		START
		END
		DynamicTimeSeriesCollection(int,
		int,RegularTimePeriod)
		maxValue
		invalidateRangeInfo()
		fireSeriesChanged()
		domainIsPointsInTime
		domainStart
		domainEnd
		findDomainLimits()
		deltaTime
		getNewestTime()
		offsetFromNewest(int)
	DynamicTimeSeriesCol	DynamicTimeSeriesCollection(int, int)
	lection_new_2	getNewestIndex()
	[-]	newestAt
	[-]	DynamicTimeSeriesCollection(int, int,TimeZone)
		getY(int, int)
		valueHistory
		appendData(float[])
		addSeries(float[], int,String)
		addValue(int, int, float)
		findMaxValue()
		historyCount
		wrapOffset(int)
		advanceTime()
		setTimeBase(RegularTimePeriod)
		offsetFromOldest(int)
		oldestAt
		getOldestIndex()
		getOldestTime()
		translateGet(int)
		getMarker()
		setMarker(Shape)
PrawableLegendIte	DrawableLegendItem_	marker
	new_1	getLabelPosition()
_		g()
m	[-]	setLabelPosition(Point2D)
_	[-] [-]	setLabelPosition(Point2D) labelPosition

	Т	
		item
	DrawableLegendItem(LegendItem)	
	draw(Graphics2D, double, double)	
		getHeight()
		height
		getWidth()
	DrawableLegendItem_	width
	new_2	getX()
	[-]	setX(double)
	[-]	x
		getY()
		setY(double)
		у
		setBounds(double, double, double, double)
		endData
		setEndValue(int,Object,Number)
		generateKeys(int,String)
		startData
		getCategoryCount()
		setStartValue(int,Object,Number)
		setCategoryKeys(Comparable[])
		categoryKeys
		getCategory(int)
		getItemCount()
		getCategoryIndex(Object)
	DefaultIntervalCategor	DefaultIntervalCategoryDataset(String[],Number[]
		[],Number[][])
		DefaultIntervalCategoryDataset(double[][],
DefaultIntervalCateg	yDataset_new_1	double[][])
oryDataset	[IntervalCategoryDatas	DefaultIntervalCategoryDataset(Number[][],Numb
[2]	· ,	
	et] [-]	er[][])
		setSeriesKeys(Comparable[])
		seriesKeys
		getRowKey(int)
		DefaultIntervalCategoryDataset(Comparable[],Co
		mparable[],Number[][],Number[][])
		getColumnCount()
		getColumnKeys()
		getSeriesCount()
		getSeriesName(int)
		getEndValue(int, int)
		getEndValue(Comparable,Comparable)
		getRowCount()
		getColumnIndex(Comparable)

		fireDatasetChanged()
		getRowIndex(Comparable)
		getStartValue(Comparable,Comparable)
		getStartValue(int, int)
		getRowKeys()
		getValue(int, int)
		getColumnKey(int)
		getSeriesIndex(Object)
	DefaultIntervalCategor	getItem(Object)
	yDataset_new_2	getCategories()
	[-]	get Value (Comparable, Comparable)
	[-]	getSeries()
		getSeries(int)
		DEFAULT_X_OFFSET
		DEFAULT_Y_OFFSET
		HorizontalBarRenderer3D()
		HorizontalBarRenderer3D(double, double)
		valuesGap
		static {}
		DEFAULT_WALL_PAINT
		hiddenClip
		drawRangeMarker(Graphics2D,CategoryPlot,Valu
		eAxis,Marker,Rectangle2D)
		getRowCount()
		drawItem(Graphics2D,Rectangle2D,CategoryPlot,
		CategoryAxis,ValueAxis,KeyedValues2DDataset,
	HorizontalBarRenderer	int, int, int)
HorizontalBarRender	3D_new_1	HorizontalBarRenderer3D(double,
er3D	 [HorizontalBarRendere	double,CategoryToolTipGenerator,CategoryURLG
[2]	r]	enerator)
. ,	[-]	getUpperClip()
		getItemStroke(int, int, int)
		drawOutline(Graphics2D,CategoryPlot,Rectangle2
		D)
		getItemOutlinePaint(int, int, int)
		getLowerClip()
		getColumnCount()
		getItemMargin()
		getBarWidth()
		getItemPaint(int, int, int)
		drawRangeGridline(Graphics2D,CategoryPlot,Val
		ueAxis,Rectangle2D, double)
		drawDomainGridline(Graphics2D,CategoryPlot,Re
		ctangle2D, double)

		draw Background (Graphics 2D, Category Plot, Rectan
		gle2D)
		getInfo()
		getURLGenerator()
		getToolTipGenerator()
		getXOffset()
		xOffset
		getYOffset()
		yOffset
		getWallPaint()
	HorizontalBarRenderer	setWallPaint(Paint)
	3D_new_2	wallPaint
	[-]	writeObject(ObjectOutputStream)
	[-]	readObject(ObjectInputStream)
		getAnchorValue()
		setRange(double, double)
		ySymbolicZoomIsAccepted
		setAnchoredRange(double)
		getSymbolicValue()
		symbolicValue
		valueToString(double)
		isGridLinesVisible()
		setSymbolicGridLinesVisible(boolean)
		symbolicGridLinesVisible
		getTickLabelFont()
		calculate Lowest Visible Tick Value ()
		getTickUnit()
	VerticalSymbolicAxis_n	notifyListeners(AxisChangeEvent)
VerticalSymbolicAxis	ew_1	getNumberFormatOverride()
[2]	[VerticalNumberAxis]	setRangeAttribute(Range)
	[-]	refreshTicks(Graphics2D,Rectangle2D,Rectangle2D
		, int)
		autoRangeStickyZero()
		select Auto Tick Unit (Graphics 2D, Rectangle 2D, Rectan
		ngle2D)
		getTicks()
		VerticalSymbolicAxis(String,String[])
		autoAdjustRange()
		setAutoRangeStickyZero(boolean)
		autoRangeIncludesZero()
		setAutoTickUnitSelection(boolean, boolean)
		getAutoRangeMinimumSize()
		static {}
		translateValueToJava2D(double,Rectangle2D)
		translate value rojavazo (dodole, Nectanglezo)

	VerticalSymbolicAxis_n ew_2 [-] [-]	draw(Graphics2D,Rectangle2D,Rectangle2D, int) calculateVisibleTickCount() getTickLabelInsets() getPlot()  DEFAULT_SYMBOLIC_GRID_LINE_PAINT drawSymbolicGridLines(Graphics2D,Rectangle2D, Rectangle2D) getSymbolicGridPaint() symbolicGridPaint drawSymbolicGridLines(Graphics2D,Rectangle2D,
		Rectangle2D, boolean) symbolicGridLineList getSymbolicGridLine(int)
HorizontalSymbolic Axis [2]	HorizontalSymbolicAxi s_new_1 [HorizontalNumberAxi s] [-]	getAnchorValue() setRange(double, double) xSymbolicZoomIsAccepted setAnchoredRange(double) getSymbolicValue() symbolicValue valueToString(double) isGridLinesVisible() setSymbolicGridLinesVisible(boolean) symbolicGridLinesVisible autoAdjustRange() translateValueToJava2D(double,Rectangle2D) getNumberFormatOverride() selectAutoTickUnit(Graphics2D,Rectangle2D,Rectangle2D) setAutoTickUnitSelection(boolean, boolean) getTickLabelInsets() getTickLabelInsets() getTickS(Graphics2D,Rectangle2D,Rectangle2D , int) autoRangeStickyZero() setRangeAttribute(Range) setAutoRangeStickyZero(boolean) HorizontalSymbolicAxis(String,String[]) calculateLowestVisibleTickValue() autoRangeIncludesZero() static {} getAutoRangeMinimumSize() calculateVisibleTickCount()

	Ţ	
	getPlot()	
	getTickLabelFont()	
		draw(Graphics2D,Rectangle2D,Rectangle2D, int)
		isVisible()
		isVerticalTickLabels()
		DEFAULT_SYMBOLIC_GRID_LINE_PAINT
		draw Symbolic Grid Lines (Graphics 2D, Rectangle 2D,
	Harizantal Symbolic Avi	Rectangle2D)
	HorizontalSymbolicAxi s_new_2	getSymbolicGridLine(int)
		symbolicGridLineList
	[-]	getSymbolicGridPaint()
	[-]	symbolicGridPaint
		draw Symbolic Grid Lines (Graphics 2D, Rectangle 2D,
		Rectangle2D, boolean)
		toString()
		equals(Object)
		getYear()
		year
		getYearValue()
		Month()
		Month(int, int)
	N1	getMonth()
	Month_new_1	month
	[RegularTimePeriod]	Month(Date)
Month	[-]	getLastMillisecond(Calendar)
[2]		Month(Date,TimeZone)
		previous()
		next()
		compareTo(Object)
		getSerialIndex()
		Month(int, Year)
		getFirstMillisecond(Calendar)
		evaluateAsYear(String)
	Month_new_2	findSeparator(String)
	[-]	parseMonth(String)
	[-]	parseYear(String)
		toString()
		getYear()
		year
Week	Week_new_1	getYearValue()
rveek [R	[RegularTimePeriod]	equals(Object)
	[-]	FIRST_WEEK_IN_YEAR
		LAST_WEEK_IN_YEAR
		Week(int, int)

		Week()
		getWeek()
		week
		Week(Date)
		next()
		getSerialIndex()
		compareTo(Object)
		previous()
		Week(int, Year)
		getFirstMillisecond(Calendar)
		getLastMillisecond(Calendar)
		Week(Date,TimeZone)
		stringToWeek(String)
	Week_new_2	findSeparator(String)
	[-]	parseWeek(String)
	[-]	evaluateAsYear(String)
		update(int,Number)
		getYValue(int)
		getXValue(int)
		allowDuplicateXValues
		getMaximumItemCount()
		setMaximumItemCount(int)
		maximumItemCount
		equals(Object)
		getDataPair(int)
	XYSeries_new_1	delete(int, int)
	[Series]	getItemCount()
	[-]	data
	11	clear()
XYSeries		add(XYDataPair)
[2]		getName()
		XYSeries(String, boolean)
		clone()
		addChangeListener(SeriesChangeListener)
		fireSeriesChanged()
		createCopy(int, int)
		removeChangeListener(SeriesChangeListener)
	XYSeries_new_2 [-]	
		add(double, double)
		add(double,Number)
		add(Number, Number)
	[-]	XYSeries(String)
		sampleFunction2D(Function2D, double, double,
OL STATE	CI TYTHE	int,String)
ChartUtilities	ChartUtilities_new_1	ChartUtilities()

[2]	[-]	DEFAULT_PNG_COMPRESSION
[-]	[-]	DEFAULT_IPEG_QUALITY
	[ ]	writeImageMap(PrintWriter,String,ChartRendering
		Info)
		writeImageMap(PrintWriter,String,ChartRendering
		Info, boolean)
		writeScaledChartAsPNG(OutputStream,JFreeChart
		, int, int, int)
		· ·
		writeChartAsJPEG(OutputStream,JFreeChart, int,
		int)
		writeChartAsJPEG(OutputStream,
		float, JFreeChart, int, int)
		writeChartAsJPEG(OutputStream,
		float, JFreeChart, int, int, ChartRenderingInfo)
		writeBufferedImageAsJPEG(OutputStream,
		float,BufferedImage)
		writeBufferedImageAsJPEG(OutputStream,Buffere
		dImage)
		writeChartAsJPEG(OutputStream,JFreeChart, int,
		int,ChartRenderingInfo)
		saveChartAsJPEG(File,JFreeChart, int,
		int,ChartRenderingInfo)
		saveChartAsJPEG(File, float,JFreeChart, int,
		int,ChartRenderingInfo)
		saveChartAsJPEG(File, float,JFreeChart, int, int)
		saveChartAsJPEG(File,JFreeChart, int, int)
		writeChartAsPNG(OutputStream,JFreeChart, int,
		int, boolean, int)
		writeChartAsPNG(OutputStream,JFreeChart, int,
		int,ChartRenderingInfo, boolean, int)
		writeBufferedImageAsPNG(OutputStream,Buffere
		dImage)
		writeBufferedImageAsPNG(OutputStream,Buffere
	ChartUtilities_new_2	dImage, boolean, int)
	[-]	writeChartAsPNG(OutputStream,JFreeChart, int,
	[-]	int,ChartRenderingInfo)
		writeChartAsPNG(OutputStream,JFreeChart, int,
		int)
		saveChartAsPNG(File,JFreeChart, int, int)
		saveChartAsPNG(File,JFreeChart, int,
		int,ChartRenderingInfo)
		saveChartAsPNG(File,JFreeChart, int,
		int,ChartRenderingInfo, boolean, int)
		my characterizatio, boolean, into