

Table 5 The Extract Class refactoring suggestions for JFreeChart

ifLeafBe(Y/N) represents that if the original class is the leaf node in the inheritance hierarchies; ifLeafBe(Y/N) represents that if the new class is the leaf node in the inheritance hierarchies.

Extract Class Refactoring		
Original Class [ifLeafBe(Y/N)]	Extract Class	
	New Class [ifLeafAf(Y/N)]	Methods/Fields
SampleXYDataSet2[Y]	SampleXYDataSet2_new_1[Y]	yValues SampleXYDataSet2(int,int) getDomainRange() getItemCount(int) getMaximumDomainValue() getMaximumRangeValue() getMinimumDomainValue() getMinimumRangeValue() getSeriesCount() getSeriesName(int) getValueRange() getXValue(int,int) getYValue(int,int)
	SampleXYDataSet2_new_2[N]	DEFAULT_ITEM_COUNT DEFAULT_RANGE DEFAULT_SERIES_COUNT domainMax domainMin domainRange itemCount range rangeMax rangeMin seriesCount xValues SampleXYDataSet2()
DefaultMeterDataset[Y]	DefaultMeterDataset_new_1[Y]	units DefaultMeterDataset(Number,Number,Number,String,Number,Number,Number,Number,Number,int) getValue() isValueValid() fireDatasetChanged() getBorderType() getMaximumCriticalValue() getMaximumNormalValue() getMaximumValue()

		getMaximumWarningValue() getMinimumCriticalValue() getMinimumNormalValue() getMinimumValue() getMinimumWarningValue() getUnits() setUnits(String)
	DefaultMeterDataset_new_2[N]	DefaultMeterDataset(Number,Number,Number,String) DEFAULT_ADJ borderType setBorderType(int) DefaultMeterDataset() DefaultMeterDataset(Number,Number,Number,String)
	DefaultMeterDataset_new_3[N]	minWarning minNormal setValue(double) minCritical maxWarning maxNormal maxCritical min setCriticalRange(Number,Number) setNormalRange(Number,Number) setWarningRange(Number,Number) max setRange(Number,Number) setValue(Number) value
SegmentedTimeline[Y]	SegmentedTimeline_new_1[Y]	containsDomainRange(Date,Date) containsDomainRange(long,long) containsDomainValue(Date) containsDomainValue(long) toDomainValue(long) toTimelineValue(Date) toTimelineValue(long) setBaseTimeline(SegmentedTimeline) getStartTime() setStartTime(long) startTime
	SegmentedTimeline_new_2[N]	DAY_SEGMENT_SIZE FIFTEEN_MINUTE_SEGMENT_SIZE HOUR_SEGMENT_SIZE MINUTE_SEGMENT_SIZE getSegmentSize()

		segmentSize getSegmentsExcluded() segmentsExcluded getSegmentsExcludedSize() segmentsExcludedSize getSegmentsGroup() segmentsGroup getSegmentsGroupSize() segmentsGroupSize getSegmentsIncluded() segmentsIncluded getSegmentsIncludedSize() segmentsIncludedSize addException(long) addException(Date) addExceptions(List) equals(Object, Object) SegmentedTimeline(long, int, int) equals(Object) getExceptionSegments() getExceptionSegmentCount(long, long) addException(SegmentedTimeline) binarySearchExceptionSegments(SegmentedTimeline) exceptionSegments setExceptionSegments(ArrayList)
	SegmentedTimeline_new_3[N]	addException(long, long) addBaseTimelineException(Date) addBaseTimelineExclusions(long, long) addBaseTimelineException(long) baseTimeline getBaseTimeline() getSegment(long)
	SegmentedTimeline_new_4[N]	NO_DST_TIME_ZONE DEFAULT_TIME_ZONE newFifteenMinuteTimeline() newMondayThroughFridayTimeline() FIRST_MONDAY_AFTER_1900 static { }
	SegmentedTimeline_new_5[N]	workingCalendar getTime(Date) getDate(long) workingCalendarNoDST getSegment(Date)
TaskSeriesCollector	TaskSeriesCollector	getValue(int, int)

ction[Y]	on_new_1[Y]	getValue(Comparable,Comparable) data add(TaskSeries) TaskSeriesCollection() fireDatasetChanged() getColumnKey(int) getEndValue(int,int) getEndValue(int,int,int) getEndValue(Comparable,Comparable) getEndValue(Comparable,Comparable,int) getSeriesCount() getSeriesName(int) getStartValue(int,int) getStartValue(int,int,int) getStartValue(Comparable,Comparable) getStartValue(Comparable,Comparable,int) getSubIntervalCount(int,int) getSubIntervalCount(Comparable,Comparable) seriesChanged(SeriesChangeEvent) getColumnCount() getColumnIndex(Comparable) getColumnKeys() keys
	TaskSeriesCollecti on_new_2[N]	refreshKeys() remove(int) getRowIndex(Comparable) getRowCount() getRowKey(int) getRowKeys() remove(TaskSeries) removeAll()
DefaultDrawing Supplier[Y]	DefaultDrawingSu pplier_new_1[Y]	strokeIndex getNextOutlinePaint() getNextOutlineStroke() getNextPaint() getNextShape() getNextStroke() shapeIndex paintIndex outlineStrokeIndex outlinePaintIndex paintSequence outlineStrokeSequence outlinePaintSequence

		shapeSequence strokeSequence equals(Object) DefaultDrawingSupplier(Paint[],Paint[],Stroke[],Stroke[],Shape[]) readObject(ObjectInputStream) writeObject(ObjectOutputStream)
	DefaultDrawingSupplier_new_2[N]	createStandardSeriesShapes() intArray(double,double,double) intArray(double,double,double,double) DEFAULT_SHAPE_SEQUENCE DEFAULT_STROKE_SEQUENCE DEFAULT_PAINT_SEQUENCE DEFAULT_OUTLINE_STROKE_SEQUENCE DEFAULT_OUTLINE_PAINT_SEQUENCE DefaultDrawingSupplier() static { }
JFreeChart[Y]	JFreeChart_new_1[Y]	JFreeChart(String,Font,Plot,boolean) JFreeChart(String,Plot) setTitle(String) legendChanged(LegendChangeEvent) plotChanged(PlotChangeEvent) static { } titleChanged(TitleChangeEvent)
	JFreeChart_new_2[N]	getCategoryPlot() getPlot() getXYPlot() handleClick(int,int,ChartRenderingInfo) plot
	JFreeChart_new_3[N]	getSuppressChartChangeEvents() notifyListeners(ChartChangeEvent) addChangeListener(ChartChangeListener) changeListeners removeChangeListener(ChartChangeListener) isNotify() notify setNotify(boolean) setSuppressChartChangeEvents(boolean)
	JFreeChart_new_4[N]	addSubtitle(AbstractTitle) getSubtitle(int) getSubtitleCount() getSubtitles() setSubtitles(List) subtitles

	JFreeChart_new_5 [N]	createBufferedImage(int,int) createBufferedImage(int,int,ChartRenderingInfo) draw(Graphics2D,Rectangle2D) fireChartChanged() borderVisible borderStroke borderPaint antialias getAntiAlias() setAntiAlias(boolean) backgroundImageAlignment getBackgroundImageAlignment() setBackgroundImageAlignment(int) backgroundImageAlpha getBackgroundImageAlpha() setBackgroundImageAlpha(float) getBorderPaint() setBorderPaint(Paint) getBorderStroke() setBorderStroke(Stroke) isBorderVisible() setBorderVisible(boolean) drawTitle(AbstractTitle,Graphics2D,Rectangle2D) notifyListeners(ChartProgressEvent) addProgressListener(ChartProgressListener) progressListeners removeProgressListener(ChartProgressListener) readObject(ObjectInputStream) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) equals(Object) setBackgroundPaint(Paint) backgroundPaint getBackgroundPaint() writeObject(ObjectOutputStream)
	JFreeChart_new_6 [N]	JFreeChart(Plot) setBackgroundImage(Image) backgroundImage getBackgroundImage() getLegend() setLegend(Legend) legend INFO main(String[]) setTitle(TextTitle)

		getTitle() title
CombinedRangeXYPlot[Y]	CombinedRangeXYPlot_new_1[Y]	subplots CombinedRangeXYPlot(ValueAxis) add(XYPlot,int) setRenderer(XYItemRenderer) calculateAxisSpace(Graphics2D,Rectangle2D) configureSecondaryRangeAxes() draw(Graphics2D,Rectangle2D,ChartRenderingInfo) equals(Object) getDataRange(ValueAxis) getFixedRangeAxisSpace() getInsets() getLegendItems() getOrientation() getPlotType() getRangeAxis() getRangeAxisEdge() getRangeAxisLocation() notifyListeners(PlotChangeEvent) remove(XYPlot) setFixedDomainAxisSpaceForSubplots(AxisSpace) setOrientation(PlotOrientation) zoom(double) getSubplots()
	CombinedRangeXYPlot_new_2[N]	CombinedRangeXYPlot() add(XYPlot) gap getGap() setGap(double) subplotAreas totalWeight
JThermometer[N]	JThermometer_new_1[N]	addSubtitle(String) addSubtitle(String,Font) addSubtitle(AbstractTitle) chart
	JThermometer_new_2[N]	setValue(double) getValue() data setValue(Number)
ChartPanel[Y]	ChartPanel_new_1[Y]	refreshBuffer chartChanged(ChartChangeEvent) chartProgress(ChartProgressEvent) setBorder(Border)

		setHorizontalAxisTrace(boolean) horizontalAxisTrace drawVerticalAxisTrace(int) horizontalTraceLine setEnforceFileExtensions(boolean) enforceFileExtensions isEnforceFileExtensions() setMaximumDrawHeight(int) getMaximumDrawHeight() maximumDrawHeight setMaximumDrawWidth(int) getMaximumDrawWidth() maximumDrawWidth mouseEntered(MouseEvent) mouseExited(MouseEvent) addChartMouseListener(ChartMouseListener) chartMouseListeners removeChartMouseListener(ChartMouseListener) getMinimumDrawHeight() minimumDrawHeight setMinimumDrawHeight(int) getMinimumDrawWidth() minimumDrawWidth setMinimumDrawWidth(int) setVerticalAxisTrace(boolean) verticalAxisTrace drawHorizontalAxisTrace(int) verticalTraceLine setRefreshBuffer(boolean) ChartPanel(JFreeChart) repaint() ChartPanel(JFreeChart,boolean,boolean,boolean,boolean,boolean) ChartPanel(JFreeChart,boolean) available chartArea autoRangeBoth() setDisplayToolTips(boolean) enableEvents(long) addMouseMotionListener(MouseMotionListener) addMouseListener(MouseListener) getWidth() getHeight() autoRangeVerticalMenuItem
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		autoRangeHorizontalMenuItem autoRangeBothMenuItem useBuffer zoomOutHorizontalMenuItem zoomOutBothMenuItem zoomInVerticalMenuItem zoomInHorizontalMenuItem zoomInBothMenuItem createPopupMenu(boolean,boolean,boolean,boolean) ChartPanel(JFreeChart,int,int,int,int,int,int,int,boolean,boolean,boolean,boolean,boolean,boolean) displayPopupMenu(int,int) horizontalZoom verticalZoom mouseClicked(MouseEvent) setChart(JFreeChart) setHorizontalZoom(boolean) setVerticalZoom(boolean) doSaveAs() zoom(Rectangle2D) getChart() attemptEditChartProperties() autoRangeHorizontal() autoRangeVertical() chart print(Graphics,PageFormat,int) zoomInHorizontal(double) zoomInVertical(double) zoomOutHorizontal(double) zoomOutVertical(double) zoomOutVerticalMenuItem
	ChartPanel_new_2 [N]	getInsets() getSize() createImage(int,int) chartBufferWidth chartBufferHeight chartBuffer paintComponent(Graphics) scaleY scaleX getChartRenderingInfo() info mouseMoved(MouseEvent) getScaledDataArea()

		getToolTipText(MouseEvent) getEntityForPoint(int,int) translateJava2DToScreen(Point2D) translateScreenToJava2D(Point)
	ChartPanel_new_3 [N]	setMouseZoomable(boolean) setMouseZoomable(boolean,boolean) setFillZoomRectangle(boolean) fillZoomRectangle
	ChartPanel_new_4 [N]	zoomOutBoth(double,double) zoomInBoth(double,double) createChartPrintJob() actionPerformed(ActionEvent) zoomPoint
	ChartPanel_new_5 [N]	getGraphics() mouseReleased(MouseEvent) mouseDragged(MouseEvent) mousePressed(MouseEvent) getPopupMenu() popup setPopupMenu(JPopupMenu) zoomRectangle
DefaultWindDataset[Y]	DefaultWindDataset_new_1[Y]	seriesNames DefaultWindDataset() DefaultWindDataset(List,Object[][][]) getItemCount(int) getSeriesCount() getSeriesName(int) getWindDirection(int,int) getWindForce(int,int) getXValue(int,int) getYValue(int,int)
	DefaultWindDataset_new_2[N]	allSeriesData DefaultWindDataset(String[],Object[][][]) DefaultWindDataset(Object[][][]) seriesNameListFromDataArray(Object[][][])
XYDifferenceRenderer[Y]	XYDifferenceRenderer_new_1[Y]	XYDifferenceRenderer(Paint,Paint,boolean) createTransformedShape(Shape,double,double) drawItem(Graphics2D,Rectangle2D,ChartRenderingInfo,XYPlot,ValueAxis,ValueAxis,XYDataset,int,int,CrosshairInfo,int) getItemPaint(int,int) getItemShape(int,int) getItemStroke(int,int) getToolTipGenerator()

		getURLGenerator() initialise(Graphics2D,Rectangle2D,XYPlot,XYDataset,ChartRenderingInfo) drawItemPass1(Graphics2D,Rectangle2D,ChartRenderingInfo,XYPlot,ValueAxis,ValueAxis,XYDataset,int,int,CrosshairInfo) plotShapes getNegativePaint() getPositivePaint() positivePaint
	XYDifferenceRenderer_new_2[N]	getIntersection(float,float,float,float,float,float,float,float) getPositiveArea(float,float,float,float,float,float) getNegativeArea(float,float,float,float,float,float) drawItemPass0(Graphics2D,Rectangle2D,ChartRenderingInfo,XYPlot,ValueAxis,ValueAxis,XYDataset,int,int,CrosshairInfo) negativePaint
CombinedDomainXYPlot[Y]	CombinedDomainXYPlot_new_1[Y]	subplots CombinedDomainXYPlot(ValueAxis) add(XYPlot,int) setOrientation(PlotOrientation) calculateAxisSpace(Graphics2D,Rectangle2D) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) equals(java.lang.Object) getDataRange(ValueAxis) getDomainAxis() getDomainAxisEdge() getDomainAxisLocation() getFixedDomainAxisSpace() getInsets() getLegendItems() getOrientation() getPlotType() notifyListeners(PlotChangeEvent) remove(XYPlot) setFixedRangeAxisSpaceForSubplots(AxisSpace) setRenderer(XYItemRenderer) zoom(double) getSubplots()
	CombinedDomainXYPlot_new_2[N]	CombinedDomainXYPlot() add(XYPlot) setGap(double) gap

		getGap() subplotAreas totalWeight
SampleYSymbolicDataset[Y]	SampleYSymbolicDataset_new_1[Y]	ySymbolicValues SampleYSymbolicDataset(String,int,String[],int,int,String[]) SampleYSymbolicDataset(String,Double[][],Integer[][],String[],int,int,String[]) getItemCount(int) getSeriesCount() getSeriesName(int) getXValue(int,int) getYSymbolicValue(int,int) getYSymbolicValue(Integer) getYSymbolicValues() getYValue(int,int) setYSymbolicValues(String[])
	SampleYSymbolicDataset_new_2[N]	DEFAULT_ITEM_COUNT DEFAULT_SERIES_COUNT SampleYSymbolicDataset(String,int,String[]) item serie xValues setYValue(int,int,Number) yValues
	SampleYSymbolicDataset_new_3[N]	serieNames datasetName clone() cloneArray(Object) combineYSymbolicDataset(YisSymbolic,YisSymbolic)
SampleXYSymbolicDataset[Y]	SampleXYSymbolicDataset_new_1[Y]	item serie setXSymbolicValues(String[]) xSymbolicValues setYValue(int,int,Number) yValues ySymbolicValues SampleXYSymbolicDataset(String,Integer[][],Integer[][],String[],String[],String[],String[]) getItemCount(int) getSeriesCount() getSeriesName(int) getXSymbolicValue(int,int) getXSymbolicValue(Integer)

		getXSymbolicValues() getXValue(int,int) getYSymbolicValue(int,int) getYSymbolicValue(Integer) getYSymbolicValues() getYValue(int,int) setYSymbolicValues(String[])
	SampleXYSymbolicDataset_new_2[N]	seriesName datasetName clone() cloneArray(Object) setXValue(int,int,Number) xValues
CombinedDataset[Y]	CombinedDataset_new_1[Y]	joinMap(int[],int[]) datasetInfo CombinedDataset() CombinedDataset(SeriesDataset[]) getCloseValue(int,int) getEndXValue(int,int) getEndYValue(int,int) getHighValue(int,int) getItemCount(int) getLowValue(int,int) getMap() getOpenValue(int,int) getParent() getSeriesCount() getSeriesName(int) getStartXValue(int,int) getStartYValue(int,int) getVolumeValue(int,int) getXValue(int,int) getYValue(int,int) notifyListeners(DatasetChangeEvent)
	CombinedDataset_new_2[N]	add(SeriesDataset[]) fastAdd(SeriesDataset) getChildPosition(Dataset) getDatasetInfo(int)
SymbolicAxis[Y]	SymbolicAxis_new_1[Y]	DEFAULT_SYMBOLIC_GRID_LINE_PAINT refreshTicksHorizontal(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) refreshTicks(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) refreshTicksVertical(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge)

		e2D,RectangleEdge) selectAutoTickUnit(Graphics2D,Rectangle2D,Rectangle2D) getSymbolicGridPaint() symbolicGridPaint zoomIsAccepted isGridLinesVisible() setSymbolicGridLinesVisible(boolean) symbolicGridLinesVisible SymbolicAxis(String,String[]) autoAdjustRange() autoRangeIncludesZero() autoRangeStickyZero() calculateLowestVisibleTickValue() calculateVisibleTickCount() draw(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) getAutoRangeMinimumSize() getNumberFormatOverride() getPlot() getTickLabelFont() getTickLabelInsets() getTickUnit() getTicks() isVerticalTickLabels() isVisible() notifyListeners(AxisChangeEvent) setAutoRangeStickyZero(boolean) setAutoTickUnitSelection(boolean,boolean) setRange(Range,boolean,boolean) static { } translateValueToJava2D(double,Rectangle2D,RectangleEdge) getSymbolicValue() symbolicValue valueToString(double)
	SymbolicAxis_new_2[N]	drawSymbolicGridLines(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) drawSymbolicGridLinesHorizontal(Graphics2D,Rectangle2D,Rectangle2D,boolean) drawSymbolicGridLinesVertical(Graphics2D,Rectangle2D,Rectangle2D,boolean) getSymbolicGridLine(int) symbolicGridLineList

DatasetUtilities[N]	DatasetUtilities_new_1[N]	createCategoryDataset(String,String,Number[][]) createCategoryDataset(String,KeyedValues) DatasetUtilities() createCategoryDataset(String[],String[],double[][]) createPieDatasetForColumn(CategoryDataset,Comparable) createPieDatasetForColumn(CategoryDataset,int) createPieDatasetForRow(CategoryDataset,int) createPieDatasetForRow(CategoryDataset,Comparable) getDomainExtent(Dataset) getMaximumDomainValue(Dataset) getMaximumRangeValue(Dataset) getMaximumStackedRangeValue(CategoryDataset) getMinimumDomainValue(Dataset) getMinimumRangeValue(Dataset) getMinimumStackedRangeValue(CategoryDataset) getRangeExtent(Dataset) getStackedRangeExtent(CategoryDataset) isEmptyOrNull(CategoryDataset) isEmptyOrNull(XYDataset) sampleFunction2D(Function2D,double,double,int,String)
	DatasetUtilities_new_2[N]	getPieDatasetTotal(PieDataset) limitPieDataset(PieDataset,double,int) limitPieDataset(PieDataset,double) limitPieDataset(PieDataset,double,int,String)
ItemLabelAnchor[N]	ItemLabelAnchor_new_1[N]	ItemLabelAnchor(String) equals(Object) name toString()
	ItemLabelAnchor_new_2[N]	CENTER OUTSIDE12 INSIDE12 OUTSIDE9 OUTSIDE8 OUTSIDE7 OUTSIDE6 OUTSIDE5 OUTSIDE4 OUTSIDE3 OUTSIDE2 OUTSIDE11 OUTSIDE10 OUTSIDE1

		INSIDE9 INSIDE8 INSIDE7 INSIDE6 INSIDE5 INSIDE4 INSIDE3 INSIDE2 INSIDE11 INSIDE10 INSIDE1 getHorizontalOpposite(ItemLabelAnchor) getVerticalOpposite(ItemLabelAnchor) static { }
CompassPlot[Y]	CompassPlot_new_1[Y]	setSeriesNeedle(int) getData() datasets CompassPlot(ValueDataset) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) drawBackground(Graphics2D,Rectangle2D) drawOutline(Graphics2D,Rectangle2D) getInsets() getLegendItems() getPlotType() notifyListeners(PlotChangeEvent) static { } zoom(double) addData(ValueDataset,MeterNeedle) setSeriesNeedle(int,MeterNeedle) setSeriesNeedle(int,int) setSeriesOutlinePaint(int,Paint) setSeriesPaint(int,Paint) seriesNeedle setSeriesOutlineStroke(int,Stroke)
	CompassPlot_new_2[N]	DEFAULT_LABEL_FONT NO_LABELS VALUE_LABELS a1 a2 circle1 circle2 compassFont getCompassFont(int) getLegendItemLabels()



		rect1 roseCenterColour roseColour roseHighlightColour drawBorder getDrawBorder() setDrawBorder(boolean) getLabelFont() labelFont setLabelFont(Font) getLabelType() labelType setLabelType(int) CompassPlot()
ThermometerPlot[Y]	ThermometerPlot_new_1[Y]	followDataInSubranges getFollowDataInSubranges() setFollowDataInSubranges(boolean) subrange setAxisRange() ThermometerPlot(ValueDataset) setInsets(Insets) datasetChanged(DatasetChangeEvent) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) drawBackground(Graphics2D,Rectangle2D) drawOutline(Graphics2D,Rectangle2D) equals(Object) getDataRange(ValueAxis) getInsets() getLegendItems() getPlotType() notifyListeners(PlotChangeEvent) readObject(ObjectInputStream) setBackgroundPaint(Paint) setDatasetGroup(DatasetGroup) setOutlinePaint(Paint) static { } writeObject(ObjectOutputStream) zoom(double) zoomHorizontalAxes(double) zoomHorizontalAxes(double,double) zoomVerticalAxes(double) zoomVerticalAxes(double,double) setRange(double,double) getMaximumVerticalDataValue()

		getUpperBound() setUpperBound(double) upperBound
	ThermometerPlot_new_2[N]	getLowerBound() getMinimumVerticalDataValue() lowerBound setLowerBound(double)
	ThermometerPlot_new_3[N]	getRangeAxis() getVerticalValueAxis() rangeAxis setRangeAxis(ValueAxis)
	ThermometerPlot_new_4[N]	setSubrangeInfo(int,double,double) isValidNumber(double) setSubrangeInfo(int,double,double,double,double) inSubrange(int,double) setDisplayRange(int,double,double) setSubrange(int,double,double) subrangeInfo
	ThermometerPlot_new_5[N]	dataset getData() getDataset() setData(ValueDataset) setDataset(ValueDataset) getCurrentPaint() getSubrangePaint(int) setSubrangePaint(int,Paint) subrangePaint
	ThermometerPlot_new_6[N]	AXIS_GAP BULB BULB_DIAMETER BULB_RADIUS COLUMN_DIAMETER COLUMN_RADIUS CRITICAL DEFAULT_LOWER_BOUND DEFAULT_UPPER_BOUND DISPLAY_HIGH DISPLAY_LOW GAP_DIAMETER GAP_RADIUS NONE NORMAL RANGE_HIGH RANGE_LOW

		RIGHT setUnits(String) UNITS UNITS_CELCIUS UNITS_FAHRENHEIT UNITS_KELVIN UNITS_NONE WARNING getLegendItemLabels() rangeIndicatorStroke getMercuryPaint() mercuryPaint setMercuryPaint(Paint) getPadding() padding setPadding(Spacer) getShowValueLines() setShowValueLines(boolean) showValueLines subrangeIndicatorStroke subrangeIndicators Visible setThermometerPaint(Paint) getThermometerPaint() thermometerPaint setUnits(int) getUnits() units getUseSubrangePaint() setUseSubrangePaint(boolean) useSubrangePaint getValueFont() setValueFont(Font) valueFont setValueFormat(NumberFormat) valueFormat getValueLocation() setValueLocation(int) valueLocation getValuePaint() setValuePaint(Paint) valuePaint ThermometerPlot()
MeterPlot[Y]	MeterPlot_new_1[Y]	DEFAULT_BORDER_SIZE CRITICAL_TEXT

		DEFAULT_CIRCLE_SIZE DEFAULT_LABEL_FONT DEFAULT_METER_ANGLE DIALTYPE_CHORD DIALTYPE_CIRCLE DIALTYPE_PIE NORMAL_TEXT NO_LABELS VALUE_LABELS WARNING_TEXT getLegendItemLabels() dialBorderColor getDialBorderColor() setDialBorderColor(Color) drawBorder getDrawBorder() setDrawBorder(boolean) getTickLabelType() setTickLabelType(int) tickLabelType setDialType(int) dialType getDialType() MeterPlot(MeterDataset) setInsets(Insets) datasetChanged(DatasetChangeEvent) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) drawBackground(Graphics2D,Rectangle2D) drawOutline(Graphics2D,Rectangle2D) getForegroundAlpha() getInsets() getLegendItems() getPlotType() notifyListeners(PlotChangeEvent) setDatasetGroup(DatasetGroup) static { } zoom(double) calculateAngle(double) drawArc(Graphics2D,Rectangle2D,double,double,Paint ,int) setMeterAngle(int) getMeterAngle() meterAngle meterCalcAngle
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		meterRange minMeterValue
	MeterPlot_new_2[N]	DEFAULT_NEEDLE_PAINT setNeedlePaint(Paint) getNeedlePaint() needlePaint
	MeterPlot_new_3[N]	drawTick(Graphics2D,Rectangle2D,double) drawTicks(Graphics2D,Rectangle2D,double,double) drawTick(Graphics2D,Rectangle2D,double,boolean,Paint,boolean,String) setTickLabelFont(Font) getTickLabelFont() tickLabelFont
	MeterPlot_new_4[N]	DEFAULT_VALUE_FONT setValueFont(Font) getValueFont() valueFont
	MeterPlot_new_5[N]	DEFAULT_VALUE_PAINT setValuePaint(Paint) getValuePaint() valuePaint
	MeterPlot_new_6[N]	DEFAULT_WARNING_PAINT setWarningPaint(Paint) getWarningPaint() warningPaint
	MeterPlot_new_7[N]	DEFAULT_NORMAL_PAINT DEFAULT_CRITICAL_PAINT getNormalPaint() normalPaint setNormalPaint(Paint) criticalPaint getCriticalPaint() setCriticalPaint(Paint) drawArc(Graphics2D,Rectangle2D,double,double,Paint) drawTick(Graphics2D,Rectangle2D,double,boolean,Paint) DEFAULT_BACKGROUND_PAINT drawArcFor(Graphics2D,Rectangle2D,MeterDataset,int)
DrawableLegendItem[N]	DrawableLegendItem_new_1[N]	draw(Graphics2D,double,double) getHeight() height DrawableLegendItem(LegendItem)

		getItem() item getLabelPosition() labelPosition setLabelPosition(Point2D) getMarker() marker setMarker(Shape) getWidth() width getY() setY(double) y
	DrawableLegendItem_new_2[N]	setBounds(double,double,double,double) getX() setX(double) x
ChartUtilities[N]	ChartUtilities_new_1[N]	ChartUtilities() DEFAULT_JPEG_QUALITY DEFAULT_PNG_COMPRESSION writeImageMap(PrintWriter,String,ChartRenderingInfo) writeImageMap(PrintWriter,String,ChartRenderingInfo,boolean) writeScaledChartAsPNG(OutputStream,JFreeChart,int,int,int,int,int)
	ChartUtilities_new_2[N]	saveChartAsJPEG(File,float,JFreeChart,int,int) saveChartAsJPEG(File,float,JFreeChart,int,int,ChartRenderingInfo) saveChartAsJPEG(File,JFreeChart,int,int) writeChartAsJPEG(OutputStream,float,JFreeChart,int,int) writeBufferedImageAsJPEG(OutputStream,float,BufferedImage) writeBufferedImageAsJPEG(OutputStream,BufferedImage) writeChartAsJPEG(OutputStream,float,JFreeChart,int,int,ChartRenderingInfo) writeChartAsJPEG(OutputStream,JFreeChart,int,int) writeChartAsJPEG(OutputStream,JFreeChart,int,int,ChartRenderingInfo)
	ChartUtilities_new_3[N]	saveChartAsPNG(File,JFreeChart,int,int) saveChartAsPNG(File,JFreeChart,int,int,ChartRenderingInfo) saveChartAsPNG(File,JFreeChart,int,int,ChartRenderingInfo)

		gInfo,boolean,int) writeChartAsPNG(OutputStream,JFreeChart,int,int,Cha rtRenderingInfo) writeChartAsPNG(OutputStream,JFreeChart,int,int,boo lean,int) writeChartAsPNG(OutputStream,JFreeChart,int,int) writeBufferedImageAsPNG(OutputStream,BufferedIma ge) writeBufferedImageAsPNG(OutputStream,BufferedIma ge,boolean,int) writeChartAsPNG(OutputStream,JFreeChart,int,int,Cha rtRenderingInfo,boolean,int)
LegendProperty EditPanel[N]	LegendPropertyEd itPanel_new_1[N]	attemptModifySeriesPaint() getSeriesPaint() seriesPaint attemptModifyOutlinePaint() getOutlinePaint() outlinePaint add(Component,Object) LegendPropertyEditPanel(Legend) availableStrokeSamples attemptModifyOutlineStroke() getOutlineStroke() outlineStroke setLayout(LayoutManager)
	LegendPropertyEd itPanel_new_2[N]	actionPerformed(ActionEvent) attemptModifyBackgroundPaint() backgroundPaint getBackgroundPaint()
	LegendPropertyEd itPanel_new_3[N]	fontDisplayField attemptModifySeriesFont() getSeriesFont() seriesFont setLegendProperties(Legend)
ContourPlot[Y]	ContourPlot_new_ 1[Y]	DEFAULT_INSETS addAnnotation(XYAnnotation) annotations clearAnnotations() addDomainMarker(Marker) clearDomainMarkers() domainMarkers propertyChange(PropertyChangeEvent) addRangeMarker(Marker) clearRangeMarkers()

		rangeMarkers setRenderAsPoints(boolean) isRenderAsPoints() renderAsPoints colorBarLocation getColorBarLocation() setColorBarLocation(RectangleEdge) getMissingPaint() missingPaint setMissingPaint(Paint) getPtSizePct() ptSizePct setPtSizePct(double) isRangeCrosshairLockedOnData() rangeCrosshairLockedOnData setRangeCrosshairLockedOnData(boolean) getRangeCrosshairPaint() rangeCrosshairPaint setRangeCrosshairPaint(Paint) getRangeCrosshairStroke() rangeCrosshairStroke setRangeCrosshairStroke(Stroke) isRangeCrosshairVisible() rangeCrosshairVisible setRangeCrosshairVisible(boolean) getURLGenerator() setURLGenerator(XYURLGenerator) urlGenerator visibleRange(ContourDataset,Range,Range) ContourPlot(ContourDataset,ValueAxis,ValueAxis,ColorBar) setDataAreaRatio(double) axisChanged(AxisChangeEvent) datasetChanged(DatasetChangeEvent) draw(Graphics2D,Rectangle2D,ChartRenderingInfo) drawBackground(Graphics2D,Rectangle2D) drawDomainMarker(Graphics2D,ContourPlot,ValueAxis,Marker,Rectangle2D) drawOutline(Graphics2D,Rectangle2D) drawRangeMarker(Graphics2D,ContourPlot,ValueAxis,Marker,Rectangle2D) getContourDataRange() getDataAreaRatio() getDataRange(ValueAxis)
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		getForegroundAlpha() getInsets() getPlotType() handleClick(int,int,ChartRenderingInfo) notifyListeners(PlotChangeEvent) setDatasetGroup(DatasetGroup) static { } zoom(double) zoomHorizontalAxes(double) zoomHorizontalAxes(double,double) zoomVerticalAxes(double) zoomVerticalAxes(double,double) getRangeAxis() rangeAxis setRangeAxis(ValueAxis)
	ContourPlot_new_2[N]	dataset getDataset() setDataset(ContourDataset) domainAxis setDomainCrosshairValue(double) domainCrosshairPaint getDomainCrosshairPaint() setDomainCrosshairPaint(Paint) domainCrosshairStroke getDomainCrosshairStroke() setDomainCrosshairStroke(Stroke) getContourDataset() isCompatibleDomainAxis(ValueAxis) getDomainAxis() setDomainAxis(ValueAxis) drawVerticalLine(Graphics2D,Rectangle2D,double,Stroke,Paint) drawHorizontalLine(Graphics2D,Rectangle2D,double,Stroke,Paint) domainCrosshairValue setClipPath(ClipPath) clipPath getClipPath() render(Graphics2D,Rectangle2D,ChartRenderingInfo,CrosshairInfo) getDomainCrosshairValue() setDomainCrosshairValue(double,boolean) domainCrosshairVisible isDomainCrosshairVisible()

		setDomainCrosshairVisible(boolean)
	ContourPlot_new_3[N]	setRangeCrosshairValue(double) getRangeCrosshairValue() rangeCrosshairValue setRangeCrosshairValue(double,boolean)
	ContourPlot_new_4[N]	domainCrosshairLockedOnData isDomainCrosshairLockedOnData() setDomainCrosshairLockedOnData(boolean) pointRenderer(Graphics2D,Rectangle2D,ChartRenderingInfo,ContourPlot,ValueAxis,ValueAxis,ColorBar,ContourDataset,CrosshairInfo) contourRenderer(Graphics2D,Rectangle2D,ChartRenderingInfo,ContourPlot,ValueAxis,ValueAxis,ColorBar,ContourDataset,CrosshairInfo) getToolTipGenerator() setToolTipGenerator(ContourToolTipGenerator) toolTipGenerator
PlotPropertyEditPanel[N]	PlotPropertyEditPanel_new_1[N]	attemptOutlinePaintSelection() getOutlinePaint() outlinePaintSample getRangeAxisPropertyEditPanel() rangeAxisPropertyPanel setBorder(Border) setLayout(LayoutManager) add(Component) domainAxisPropertyPanel getDomainAxisPropertyEditPanel() colorBarAxisPropertyPanel PlotPropertyEditPanel(Plot) availableStrokeSamples attemptOutlineStrokeSelection() getOutlineStroke() outlineStrokeSample updatePlotProperties(Plot)
	PlotPropertyEditPanel_new_2[N]	insetsTextField editInsets() getPlotInsets() plotInsets
	PlotPropertyEditPanel_new_3[N]	actionPerformed(ActionEvent) attemptBackgroundPaintSelection() backgroundPaintSample getBackgroundPaint()
AreaXYRenderer[Y]	AreaXYRenderer_new_1[Y]	line AreaXYRendererer(int,XYToolTipGenerator,XYURLGe

		nerator) createTransformedShape(Shape,double,double) drawItem(Graphics2D,Rectangle2D,ChartRenderingInfo,XYPlot,ValueAxis,ValueAxis,XYDataset,int,int,CrosshairInfo,int) getInfo() getItemPaint(int,int) getItemShape(int,int) getItemStroke(int,int) getToolTipGenerator() getURLGenerator() initialise(Graphics2D,Rectangle2D,XYPlot,XYDataset,ChartRenderingInfo) getPlotArea() plotArea
	AreaXYRenderer_new_2[N]	AREA AREA_AND_SHAPES AreaXYRenderer(int) LINES SHAPES SHAPES_AND_LINES pArea getPlotLines() plotLines getPlotShapes() plotShapes isOutline() setOutline(boolean) showOutline AreaXYRenderer() AreaXYRenderer(int)
XYBubbleRenderer[Y]	XYBubbleRenderer_new_1[Y]	XYBubbleRenderer(int,XYZToolTipGenerator,XYZURLGenerator) drawItem(Graphics2D,Rectangle2D,ChartRenderingInfo,XYPlot,ValueAxis,ValueAxis,XYDataset,int,int,CrosshairInfo,int) getItemPaint(int,int) getToolTipGenerator() getURLGenerator() getScaleType() scaleType
	XYBubbleRenderer_new_2[N]	SCALE_ON_BOTH_AXES SCALE_ON_DOMAIN_AXIS SCALE_ON_RANGE_AXIS

		XYBubbleRenderer()
XYSeries[Y]	XYSeries_new_1[Y]	data XYSeries(String,boolean) addChangeListener(SeriesChangeListener) clone() createCopy(int,int) equals(Object) fireSeriesChanged() getName() removeChangeListener(SeriesChangeListener) clear() delete(int,int) getDataPair(int) getItemCount()
	XYSeries_new_2[N]	allowDuplicateXValues add(XYDataPair) getMaximumItemCount() maximumItemCount setMaximumItemCount(int)
TimeSeries[Y]	TimeSeries_new_1[Y]	getValue(int) getValue(RegularTimePeriod) TimeSeries(String) createCopy(RegularTimePeriod,RegularTimePeriod) add(RegularTimePeriod,Number) getTimePeriods() getNextTimePeriod() getTimePeriod(int) getTimePeriodsUniqueToOtherSeries(TimeSeries) addAndOrUpdate(TimeSeries) add(TimeSeriesDataItem) getItemCount() delete(int,int) getDataPair(RegularTimePeriod) getDataPair(int) getIndex(RegularTimePeriod) data TimeSeries(String,String,String,Class) addChangeListener(SeriesChangeListener) clone() createCopy(int,int) equals(Object) firePropertyChange(String,Object,Object) fireSeriesChanged() getName()

		removeChangeListener(SeriesChangeListener) addOrUpdate(RegularTimePeriod,Number) delete(RegularTimePeriod) getItems() update(RegularTimePeriod,Number)
	TimeSeries_new_2 [N]	getTimePeriodClass() timePeriodClass DEFAULT_DOMAIN_DESCRIPTION DEFAULT_RANGE_DESCRIPTION domain getDomainDescription() setDomainDescription(String) getHistoryCount() historyCount setHistoryCount(int) getMaximumItemCount() maximumItemCount setMaximumItemCount(int) getRangeDescription() range setRangeDescription(String) TimeSeries(String,Class) add(RegularTimePeriod,double)
TimeSeriesData Item[N]	TimeSeriesDataItem_new_1[N]	TimeSeriesDataItem(RegularTimePeriod,Number) equals(Object) getValue() setValue(Number) value
	TimeSeriesDataItem_new_2[N]	compareTo(Object) getPeriod() period TimeSeriesDataItem(RegularTimePeriod,double)
XYDataPair[N]	XYDataPair_new_1[N]	clone() XYDataPair(double,double) XYDataPair(Number,Number) compareTo(Object) getX() x
	XYDataPair_new_2[N]	getY() setY(Number) y
TimeSeriesCollection[Y]	TimeSeriesCollection_new_1[Y]	setDomainIsPointsInTime(boolean) domainIsPointsInTime getDomainIsPointsInTime()

		removeSeries(int) getSeries(int) TimeSeriesCollection(TimeSeries,TimeZone) fireDatasetChanged() getDomainRange() getEndXValue(int,int) getEndYValue(int,int) getItemCount(int) getMaximumDomainValue() getMinimumDomainValue() getSeriesCount() getSeriesName(int) getStartXValue(int,int) getStartYValue(int,int) getXValue(int,int) getYValue(int,int) addSeries(TimeSeries) data getSeries() removeSeries(TimeSeries)
	TimeSeriesCollection_new_2[N]	END MIDDLE START TimeSeriesCollection(TimeZone) TimeSeriesCollection() TimeSeriesCollection(TimeSeries)
	TimeSeriesCollection_new_3[N]	equals(Object) getX(RegularTimePeriod) setPosition(int) getPosition() position workingCalendar
Minute[Y]	Minute_new_1[Y]	Minute(int,Hour) Minute(Date) getFirstMillisecond() getStart() Minute(Date,TimeZone) compareTo(Object) getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() next() previous() getMinute()

		minute
	Minute_new_2[N]	FIRST_MINUTE_IN_HOUR LAST_MINUTE_IN_HOUR equals(Object) getHour() hour parseMinute(String) Minute()
Hour[Y]	Hour_new_1[Y]	day getDay() getDayOfMonth() getMonth() getYear() equals(Object) Hour(int,Day) getFirstMillisecond() next() Hour(Date) Hour(Date,TimeZone) compareTo(Object) getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() previous() getHour() hour
	Hour_new_2[N]	FIRST_HOUR_IN_DAY LAST_HOUR_IN_DAY parseHour(String) Hour()
DynamicTimeSeriesCollection[Y]	DynamicTimeSeriesCollection_new_1[Y]	pointsInTime DynamicTimeSeriesCollection(int,int,RegularTimePeriod,TimeZone) getDomainRange() getEndXValue(int,int) getEndYValue(int,int) getItemCount(int) getMaximumDomainValue() getMaximumRangeValue() getMinimumDomainValue() getMinimumRangeValue() getSeriesCount() getSeriesName(int) getStartXValue(int,int)

		getStartYValue(int,int) getValueRange() getXValue(int,int) getYValue(int,int) seriesChanged(SeriesChangeEvent)
	DynamicTimeSeriesCollection_new_2[N]	DynamicTimeSeriesCollection(int,int,RegularTimePeriod) END MIDDLE START maxValue maximumItemCount minValue seriesCount seriesNames timePeriodClass getY(int,int) valueHistory invalidateRangeInfo() valueRange
	DynamicTimeSeriesCollection_new_3[N]	domainIsPointsInTime domainStart domainRange domainEnd deltaTime findDomainLimits() advanceTime() appendData(float[]) getNewestTime() DynamicTimeSeriesCollection(int,int) DynamicTimeSeriesCollection(int,int,TimeZone) getNewestIndex() newestAt offsetFromNewest(int) setTimeBase(RegularTimePeriod)
	DynamicTimeSeriesCollection_new_4[N]	getOldestTime() getOldestIndex() offsetFromOldest(int) oldestAt translateGet(int)
	DynamicTimeSeriesCollection_new_5[N]	getX(RegularTimePeriod) getPosition() position setPosition(int)



		workingCalendar
	DynamicTimeSeriesCollection_new_6[N]	fireSeriesChanged() setSeriesName(int,String) addSeries(float[],int,String) addValue(int,int,float) findMaxValue() historyCount wrapOffset(int)
Second[Y]	Second_new_1[Y]	Second(int,Minute) Second(Date) Second(Date,TimeZone) compareTo(Object) getFirstMillisecond() getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() next() previous() getSecond() second
	Second_new_2[N]	FIRST_SECOND_IN_MINUTE LAST_SECOND_IN_MINUTE Second() equals(Object) getMinute() minute parseSecond(String)
DateAxis[Y]	DateAxis_new_1[Y]	setAutoRange(boolean) setLowerMargin(double) setUpperMargin(double) setVerticalTickLabels(boolean) DateAxis(String,Timeline) autoAdjustRange() configure() draw(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) drawAxisLine(Graphics2D,double,Rectangle2D,RectangleEdge) drawLabel(String,Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) getAutoRangeMinimumSize() getFixedAutoRange() getFixedDimension() getLabel()

		getLabelEnclosure(Graphics2D,RectangleEdge) getLowerMargin() getMaxTickLabelWidth(Graphics2D,Rectangle2D) getPlot() getRange() getStandardTickUnits() getTickLabelFont() getTickLabelInsets() getTickLabelPaint() getTickMarkInsideLength() getTickMarkOutsideLength() getTickMarkPaint() getTickMarkStroke() getTicks() getUpperMargin() isAutoRange() isAutoTickUnitSelection() isAxisLineVisible() isCompatiblePlot(Plot) isInverted() isTickLabelsVisible() isTickMarksVisible() isVerticalTickLabels() isVisible() notifyListeners(AxisChangeEvent) refreshTicks(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) reserveSpace(Graphics2D,Plot,Rectangle2D,RectangleEdge,AxisSpace) setAutoRangeMinimumSize(double) setAutoTickUnitSelection(boolean,boolean) setRange(double,double) setRange(Range) setRange(Range,boolean,boolean) static { } translateJava2DtoValue(float,Rectangle2D,RectangleEdge) translateValueToJava2D(double,Rectangle2D,RectangleEdge) getTimeline() setTimeline(Timeline) timeline
	DateAxis_new_2[N]	DEFAULT_ANCHOR_DATE DEFAULT_AUTO_RANGE_MINIMUM_SIZE_IN_M

		ILLISECONDS DEFAULT_DATE_RANGE DEFAULT_DATE_TICK_UNIT DateAxis(String) DEFAULT_TIMELINE DateAxis() createStandardDateTickUnits() getMaxTickLabelHeight(Graphics2D,Rectangle2D,boolean) reservedForAxisLabel drawTickMarksAndLabels(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) reservedForTickLabels setRange(Date,Date)
	DateAxis_new_3[N]	setMinimumDate(Date) getMaximumDate() estimateMaximumTickLabelWidth(Graphics2D,DateTickUnit) selectHorizontalAutoTickUnit(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) selectAutoTickUnit(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) selectVerticalAutoTickUnit(Graphics2D,Rectangle2D,Rectangle2D,RectangleEdge) calculateHighestVisibleTickValue(DateTickUnit) getTickUnit() refreshTicksHorizontal(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) refreshTicksVertical(Graphics2D,double,Rectangle2D,Rectangle2D,RectangleEdge) setTickUnit(DateTickUnit,boolean,boolean) tickUnit translateDateToJava2D(Date,Rectangle2D,RectangleEdge)
DateTickUnit[Y]	DateTickUnit_new_1[Y]	DateTickUnit(int,int,DateFormat) equals(Object) getSize() valueToString(double) dateToString(Date) formatter
	DateTickUnit_new_2[N]	getCalendarField(int) getCount() count addToDate(Date)

		getCalendarField() getUnit() unit
TimePeriodValues[Y]	TimePeriodValues_new_1[Y]	getValue(int) update(int,Number) DEFAULT_DOMAIN_DESCRIPTION DEFAULT_RANGE_DESCRIPTION domain getDomainDescription() setDomainDescription(String) getTimePeriod(int) TimePeriodValues(String,String,String) addChangeListener(SeriesChangeListener) firePropertyChange(String,Object,Object) fireSeriesChanged() getName() removeChangeListener(SeriesChangeListener) getRangeDescription() range setRangeDescription(String)
	TimePeriodValues_new_2[N]	add(TimePeriod,Number) add(TimePeriodValue) data delete(int,int) getDataItem(int) getItemCount()
TimePeriodValuesCollection[Y]	TimePeriodValuesCollection_new_1[Y]	removeSeries(int) getSeries(int) TimePeriodValuesCollection(TimePeriodValues) fireDatasetChanged() getDomainRange() getEndXValue(int,int) getEndYValue(int,int) getItemCount(int) getMaximumDomainValue() getMinimumDomainValue() getSeriesCount() getSeriesName(int) getStartXValue(int,int) getStartYValue(int,int) getXValue(int,int) getYValue(int,int) addSeries(TimePeriodValues) data

		removeSeries(TimePeriodValues)
	TimePeriodValues Collection_new_2[N]	END MIDDLE START domainIsPointsInTime getDomainIsPointsInTime() setDomainIsPointsInTime(boolean) TimePeriodValuesCollection(TimeZone) TimePeriodValuesCollection() TimePeriodValuesCollection()
	TimePeriodValues Collection_new_3[N]	getPosition() getX(TimePeriod) position setPosition(int)
Month[Y]	Month_new_1[Y]	equals(Object) Month(int,Year) Month(Date) Month(Date,TimeZone) compareTo(Object) getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() next() previous() toString() getYear() getYearValue() year
	Month_new_2[N]	Month() Month(int,int) getMonth() month
Day[Y]	Day_new_1[Y]	equals(Object) getDayOfMonth() getMonth() getSerialDate() serialDate Day(int,int,int) getMiddleMillisecond() next() Day(Date) Day(Date,TimeZone) Day(SerialDate) compareTo(Object)

		getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() previous() static { } toString() getYear()
	Day_new_2[N]	Day() DATE_FORMAT_LONG DATE_FORMAT_MEDIUM DATE_FORMAT_SHORT DATE_FORMAT parseDay(String)
Quarter[Y]	Quarter_new_1[Y]	equals(Object) getQuarter() quarter getMiddleMillisecond() Quarter(int, Year) Quarter(Date) Quarter(Date, TimeZone) compareTo(Object) getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex() next() previous() static { } toString() getYear() year
	Quarter_new_2[N]	FIRST_MONTH_IN_QUARTER FIRST_QUARTER LAST_MONTH_IN_QUARTER LAST_QUARTER Quarter() Quarter(int,int)
Week[Y]	Week_new_1[Y]	equals(Object) Week(int, Year) Week(Date) Week(Date, TimeZone) compareTo(Object) getFirstMillisecond(Calendar) getLastMillisecond(Calendar) getSerialIndex()

		next() previous() toString() getYear() getYearValue() year
	Week_new_2[N]	evaluateAsYear(String) findSeparator(String) parseWeek(String) stringToWeek(String)
	Week_new_3[N]	FIRST_WEEK_IN_YEAR LAST_WEEK_IN_YEAR Week() Week(int,int) getWeek() week
DefaultKeyedValues2D[Y]	DefaultKeyedValues2D_new_1[Y]	rowKeys equals(Object) getColumnCount() getColumnIndex(Comparable) getColumnKey(int) getColumnKeys() getRowCount() getRowIndex(Comparable) getRowKey(int) getRowKeys() getValue(int,int) getValue(Comparable,Comparable)
	DefaultKeyedValues2D_new_2[N]	removeValue(Comparable,Comparable) addValue(Number,Comparable,Comparable) removeColumn(int) removeRow(Comparable) columnKeys DefaultKeyedValues2D() removeColumn(Comparable) removeRow(int) rows setValue(Number,Comparable,Comparable)
DefaultKeyedValueDataset[Y]	DefaultKeyedValueDataset_new_[Y]	data DefaultKeyedValueDataset(KeyedValue) equals(Object) getKey() getValue() notifyListeners(DatasetChangeEvent)

	DefaultKeyedValueDataset_new_[N]	setValue(Comparable,Number) updateValue(Number) DefaultKeyedValueDataset() DefaultKeyedValueDataset(Comparable,Number)
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