

Velocity Reference

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This document is only valid for TO-8.

This document will have to be updated with subsequent releases.

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About this Reference

The Velocity Reference is intended to help template editors get acquainted the references (Variables) available to the Velocity Templates during template parsing. There is a very close relationship between the application code, written in JAVA, and the templates used to generate the text products. The javadocs were extracted from the code and assembled in this document so that template editors would not have to refer to the source code.

Disclaimer

This document will use JAVA syntax for the available methods and constructors. See the velocity user's guide for a better understanding of the utilization of JAVA objects in Velocity Template Language (VTL). A general understanding of JAVA syntax is assumed.

This document was extracted from the TO-8 code that was delivered by Raytheon.

Although all of these methods, and objects are available in the application logic that parses the templates, it is not likely that all of them will be available or practical for use at runtime. This Reference is intended as a guide to possible variables and objects which may not be apparent from the sample templates.

Package com.raytheon.viz.warngen

Class Summary

Activator	WarnGen Activator
PreferenceConstants	PreferenceConstants
PreferenceUtil	PreferenceUtil

Exception Summary

WarngenException	WarngenException
----------------------------------	------------------

Class Activator

Field Detail

PLUGIN_ID

```
public static final java.lang.String PLUGIN_ID
```

See Also:

[Constant Field Values](#)

Constructor Detail

Activator

```
public Activator()
```

The constructor

Method Detail

Start

```
public void start(org.osgi.framework.BundleContext context)
    throws java.lang.Exception
```

Specified by:

start in interface org.osgi.framework.BundleActivator

Overrides:

start in class org.eclipse.ui.plugin.AbstractUIPlugin

Throws:

java.lang.Exception

Stop

```
public void stop(org.osgi.framework.BundleContext context)
    throws java.lang.Exception
```

Specified by:

stop in interface org.osgi.framework.BundleActivator

Overrides:

stop in class org.eclipse.ui.plugin.AbstractUIPlugin

Throws:

java.lang.Exception

getDefault

```
public static Activator getDefault()
```

Returns the shared instance

Returns:

the shared instance

getPreferenceStore

```
public org.eclipse.jface.preference.IPersistentPreferenceStore  
getPreferenceStore()  
    Overrides:  
        getPreferenceStore in class org.eclipse.ui.plugin.AbstractUIPlugin
```

Class PreferenceConstants

Field Detail

P_OFFICE_SHORT

```
public static final java.lang.String P_OFFICE_SHORT
```

See Also:

[Constant Field Values](#)

P_OFFICE_LONG

```
public static final java.lang.String P_OFFICE_LONG
```

See Also:

[Constant Field Values](#)

P_CWA_FILTER

```
public static final java.lang.String P_CWA_FILTER
```

See Also:

[Constant Field Values](#)

Constructor Detail

PreferenceConstants

```
public PreferenceConstants()
```

Class PreferenceUtil

Constructor Detail

PreferenceUtil

```
public PreferenceUtil()
```

Method Detail

Substitute

```
public static java.lang.String substitute(java.lang.String str)
```

Class WarngenException

Constructor Detail

WarngenException

```
public WarngenException()
```

WarngenException

```
public WarngenException(java.lang.String message,  
                      java.lang.Throwable cause)
```

WarngenException

```
public WarngenException(java.lang.String message)
```

WarngenException

```
public WarngenException(java.lang.Throwable cause)
```

Package com.raytheon.viz.warngen.config

Class Summary

<u>AreaConfiguration</u>	AreaConfiguration
<u>Bullet</u>	Bullet
<u>ClosestPointsConfiguration</u>	ClosestPoints
<u>Filter</u>	Filter
<u>GeospatialConfiguration</u>	GeospatialConfiguration
<u>PathcastConfiguration</u>	Pathcast
<u>WarngenConfiguration</u>	WarngenConfiguration

Enum Summary

<u>Filter.Type</u>

Class AreaConfiguration

Constructor Detail

AreaConfiguration

```
public AreaConfiguration()
```

Method Detail

getParentAreaField

```
public java.lang.String getParentAreaField()
```

Returns:

the parentAreaField

setParentAreaField

```
public void setParentAreaField(java.lang.String parentAreaField)
```

Parameters:

parentAreaField - the parentAreaField to set

getAreaNotationField

```
public java.lang.String getAreaNotationField()
```

Returns:

the areaNotationField

setAreaNotationField

```
public void setAreaNotationField(java.lang.String areaNotationField)
```

Parameters:

areaNotationField - the areaNotationField to set

getAreaField

```
public java.lang.String getAreaField()
```

Returns:

the areaField

setAreaField

```
public void setareaField(java.lang.String areaField)
```

Parameters:

areaField - the areaField to set

getAreaNotationTranslationFile

```
public java.lang.String getAreaNotationTranslationFile()
```

Returns:

the areaNotationTranslationFile

setAreaNotationTranslationFile

```
public void setAreaNotationTranslationFile(java.lang.String areaNotationTranslationFile)
```

Parameters:

areaNotationTranslationFile - the areaNotationTranslationFile to set

getPointField

```
public java.lang.String getPointField()
```

Returns:

the pointField

setPointField

```
public void setPointField(java.lang.String pointField)
```

Parameters:

pointField - the pointField to set

getPointFilter

```
public Filter getPointFilter()
```

Returns:

the pointFilter

setPointFilter

```
public void setPointFilter(Filter pointFilter)
```

Parameters:

pointFilter - the pointFilter to set

Class Bullet

Constructor Detail

Bullet

```
public Bullet()
```

Method Detail

getBulletName

```
public java.lang.String getBulletName()
```

Returns:

the bulletName

setBulletName

```
public void setBulletName(java.lang.String bulletName)
```

Parameters:

bulletName - the bulletName to set

getBulletText

```
public java.lang.String getBulletText()
```

Returns:

the bulletText

setBulletText

```
public void setBulletText(java.lang.String bulletText)
```

Parameters:

bulletText - the bulletText to set

Class ClosestPointsConfiguration

Constructor Detail

ClosestPointsConfiguration

```
public ClosestPointsConfiguration()
```

Method Detail

getPointFilter

```
public Filter getPointFilter()
```

Returns:
the pointFilter

setPointFilter

```
public void setPointFilter(Filter pointFilter)
```

Parameters:
pointFilter - the pointFilter to set

getNumberOfPoints

```
public int getNumberOfPoints()
```

Returns:
the numberOfPoints

setNumberOfPoints

```
public void setNumberOfPoints(int numberOfPoints)
```

Parameters:
numberOfPoints - the numberOfPoints to set

getPointField

```
public java.lang.String getPointField()
```

Returns:
the pointField

setPointField

```
public void setPointField(java.lang.String pointField)
```

Parameters:
pointField - the pointField to set

Class Filter

Constructor Detail

Filter

```
public Filter()
```

Method Detail

getType

```
public Filter.Type getType()
```

Returns:

the type

setType

```
public void setType(Filter.Type type)
```

Parameters:

type - the type to set

getKey

```
public java.lang.String getKey()
```

Returns:

the key

setKey

```
public void setKey(java.lang.String key)
```

Parameters:

key - the key to set

getValue

```
public java.lang.String getValue()
```

Returns:

the value

setValue

```
public void setValue(java.lang.String value)
```

Parameters:

value - the value to set

Enum Filter.Type

Enum Constant Detail

EXCLUSIVE

```
public static final Filter.Type EXCLUSIVE
```

INCLUSIVE

```
public static final Filter.Type INCLUSIVE
```

Method Detail

Values

```
public static Filter.Type[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (Filter.Type c : Filter.Type.values())
    System.out.println(c);
```

Returns:

an array containing the constants of this enum type, in the order they are declared

valueOf

```
public static Filter.Type valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type.

(Extraneous whitespace characters are not permitted.)

Parameters:

name - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name
`java.lang.NullPointerException` - if the argument is null

Class GeospatialConfiguration

Constructor Detail

GeospatialConfiguration

```
public GeospatialConfiguration()
```

Method Detail

getPointSource

```
public final java.lang.String getPointSource()
```

Returns:

the pointSource

setPointSource

```
public final void setPointSource(java.lang.String pointSource)
```

Parameters:

pointSource - the pointSource to set

getAreaSource

```
public final java.lang.String getAreaSource()
```

Returns:

the areaSource

setAreaSource

```
public final void setAreaSource(java.lang.String areaSource)
```

Parameters:

areaSource - the areaSource to set

getParentAreaSource

```
public final java.lang.String getParentAreaSource()
```

Returns:

the parentAreaSource

setParentAreaSource

```
public final void setParentAreaSource(java.lang.String parentAreaSource)
```

Parameters:

parentAreaSource - the parentAreaSource to set

getMaskSource

```
public final java.lang.String getMaskSource()
```

Returns:

the maskSource

setMaskSource

```
public final void setMaskSource(java.lang.String maskSource)
```

Parameters:

maskSource - the maskSource to set

getMaskFilter

```
public final Filter getMaskFilter()
```

Returns:

the maskFilter

setMaskFilter

```
public final void setMaskFilter(Filter maskFilter)
```

Parameters:

maskFilter - the maskFilter to set

Class PathcastConfiguration

Constructor Detail

PathcastConfiguration

```
public PathcastConfiguration()
```

Method Detail

getPointField

```
public java.lang.String getPointField()
```

Returns:

the pointField

setPointField

```
public void setPointField(java.lang.String pointField)
```

Parameters:

pointField - the pointField to set

getOverThreshold

```
public double getOverThreshold()
```

Returns:

the overThreshold

setOverThreshold

```
public void setOverThreshold(double overThreshold)
```

Parameters:

overThreshold - the overThreshold to set

getNearThreshold

public double **getNearThreshold()**

Returns:

the nearThreshold

setNearThreshold

public void **setNearThreshold(double nearThreshold)**

Parameters:

nearThreshold - the nearThreshold to set

getPointFilter

public [Filter](#) **getPointFilter()**

Returns:

the pointFilter

setPointFilter

public void **setPointFilter([Filter](#) pointFilter)**

Parameters:

pointFilter - the pointFilter to set

getAreaNotationField

public java.lang.String **getAreaNotationField()**

Returns:

the areaNotationField

setAreaNotationField

public void **setAreaNotationField(java.lang.String areaNotationField)**

Parameters:

areaNotationField - the areaNotationField to set

getAreaField

public java.lang.String **getAreaField()**

Returns:

the areaField

setAreaField

public void **setAreaField(java.lang.String areaField)**

Parameters:

areaField - the areaField to set

getParentAreaField

public java.lang.String **getParentAreaField()**

Returns:

the parentAreaField

setParentAreaField

```
public void setParentAreaField(java.lang.String parentAreaField)
```

Parameters:

parentAreaField - the parentAreaField to set

getAreaNotationTranslationFile

```
public java.lang.String getAreaNotationTranslationFile()
```

Returns:

the areaNotationTranslationFile

setAreaNotationTranslationFile

```
public void
```

```
setAreaNotationTranslationFile(java.lang.String areaNotationTranslation  
File)
```

Parameters:

areaNotationTranslationFile - the areaNotationTranslationFile to set

Class WarngenConfiguration

Constructor Detail

WarngenConfiguration

```
public WarngenConfiguration()
```

Method Detail

getAreaConfig

```
public AreaConfiguration getAreaConfig()
```

Returns:

the areaConfig

setAreaConfig

```
public void setAreaConfig(AreaConfiguration areaConfig)
```

Parameters:

areaConfig - the areaConfig to set

getClosestPointsConfig

```
public ClosestPointsConfiguration getClosestPointsConfig()
```

Returns:

the closestPointsConfig

setClosestPointsConfig

```
public void setClosestPointsConfig(ClosestPointsConfiguration closestPointsConfig)
Parameters:
closestPointsConfig - the closestPointsConfig to set
```

getGeospatialConfig

```
public GeospatialConfiguration getGeospatialConfig()
Returns:
the geospatialConfig
```

setGeospatialConfig

```
public void setGeospatialConfig(GeospatialConfiguration geospatialConfig)
Parameters:
geospatialConfig - the geospatialConfig to set
```

getPathcastConfig

```
public PathcastConfiguration getPathcastConfig()
Returns:
the pathcastConfig
```

setPathcastConfig

```
public void setPathcastConfig(PathcastConfiguration pathcastConfig)
Parameters:
pathcastConfig - the pathcastConfig to set
```

getBullets

```
public Bullet[] getBullets()
Returns:
the bullets
```

setBullets

```
public void setBullets(Bullet[] bullets)
Parameters:
bullets - the bullets to set
```

getDurations

```
public int[] getDurations()
Returns:
the durations
```

setDurations

```
public void setDurations(int[] durations)
Parameters:
durations - the durations to set
```

Package com.raytheon.viz.warngen.gis

Class Summary

<u>AffectedAreas</u>	AffectedAreas
<u>Area</u>	Area Finds areas affected by area warnings
<u>ClosestPoint</u>	ClosestPoint - Provides a descriptor of where a closest point to an event is
<u>GisUtil</u>	GisUtil - Utilities for WarnGen GIS
<u>PathCast</u>	PathCast Describes the pathcast of the storm
<u>Wx</u>	Wx

Enum Summary

<u>GisUtil.Direction</u>
--

Class AffectedAreas

Constructor Detail

AffectedAreas

```
public AffectedAreas()
```

Method Detail

getName

```
public java.lang.String getName()
```

Returns:
the name

getAreaNotation

```
public java.lang.String getAreaNotation()
```

Returns:
the areaNotation

getPartOfParentRegion

```
public java.util.List<java.lang.String> getPartOfParentRegion()
```

Returns:
the partOfParentRegion

getParentRegion

```
public java.lang.String getParentRegion()
```

Returns:
the parentRegion

getPoints

```
public java.lang.String[] getPoints()
```

Returns:
the points

getPartOfArea

```
public java.util.List<java.lang.String> getPartOfArea()
```

Returns:
the partOfArea

Class Area

Field Detail

DEFAULT_INCLUSION_TOLERANCE

```
public static final double DEFAULT_INCLUSION_TOLERANCE
```

If an area greater than this percentage of area is covered, include it in the warning

See Also:

[Constant Field Values](#)

DEFAULT_PORTION_TOLERANCE

```
public static final double DEFAULT_PORTION_TOLERANCE
```

If an area greater than this percentage of the area is covered, no direction is included

See Also:

[Constant Field Values](#)

Method Detail

findOtherPoints

```
public static java.lang.String[] findOtherPoints(GeospatialConfiguration geospatialConfig,
```

```
com.vividsolutions.jts.geom.Geometry geom,  
throws  
com.raytheon.viz.exception.VizException  
Throws:  
com.raytheon.viz.exception.VizException
```

findAffectedAreas

```
public static AffectedAreas[]  
findAffectedAreas(AreaConfiguration areaConfig,  
GeospatialConfiguration geospatialConfig,  
com.vividsolutions.jts.geom.Geometry geom)  
throws  
com.raytheon.viz.exception.VizException  
Throws:  
com.raytheon.viz.exception.VizException
```

Class ClosestPoint

Constructor Detail

ClosestPoint

```
public ClosestPoint()
```

Method Detail

getName

```
public java.lang.String getName()  
Returns:  
the name
```

getDistance

```
public double getDistance()  
Returns:  
the distance
```

getAzimuth

```
public double getAzimuth()
```

Returns:

the azimuth

getRoundedDistance

```
public int getRoundedDistance()
```

Returns:

the roundedDistance

getRoundedAzimuth

```
public double getRoundedAzimuth()
```

Returns:

the roundedAzimuth

compareTo

```
public int compareTo(ClosestPoint o)
```

Specified by:

compareTo in interface java.lang.Comparable<[ClosestPoint](#)>

Min

```
public static ClosestPoint min(ClosestPoint cp1,  
                               ClosestPoint cp2)
```

Class GisUtil

Constructor Detail

GisUtil

```
public GisUtil()
```

Method Detail

calculatePortion

```
public static java.util.EnumSet<GisUtil.Direction>  
calculatePortion(com.vividsolutions.jts.geom.Geometry geom,
```

```
com.vividsolutions.jts.geom.Coordinate point)
```

asStringList

```
public static java.util.List<java.lang.String>  
asStringList(java.util.EnumSet<GisUtil.Direction> set)
```

convertCoords

```
public static java.awt.geom.Point2D[]  
convertCoords(com.vividsolutions.jts.geom.Coordinate[] coords)
```

com.raytheon.viz.warngen.gis

Enum GisUtil.Direction

Enum Constant Detail

CENTRAL

```
public static final GisUtil.Direction CENTRAL
```

NORTH

```
public static final GisUtil.Direction NORTH
```

SOUTH

```
public static final GisUtil.Direction SOUTH
```

EAST

```
public static final GisUtil.Direction EAST
```

WEST

```
public static final GisUtil.Direction WEST
```

EXTREME

```
public static final GisUtil.Direction EXTREME
```

Method Detail

Values

```
public static GisUtil.Direction[] values()
    Returns an array containing the constants of this enum type, in the order they are
    declared. This method may be used to iterate over the constants as follows:
    for (GisUtil.Direction c : GisUtil.Direction.values())
        System.out.println(c);
```

Returns:

an array containing the constants of this enum type, in the order they are declared

valueOf

```
public static GisUtil.Direction valueOf(java.lang.String name)
    Returns the enum constant of this type with the specified name. The string must
    match exactly an identifier used to declare an enum constant in this type.
```

(Extraneous whitespace characters are not permitted.)

Parameters:

name - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

`java.lang.IllegalArgumentException` - if this enum type has no constant
with the specified name

`java.lang.NullPointerException` - if the argument is null

Class PathCast

PathCast Describes the pathcast of the storm

Constructor Detail

PathCast

```
public PathCast()
```

Method Detail

getPoints

```
public ClosesPoint[] getPoints()
```

Returns:

the points

getArea

```
public java.lang.String getArea()
```

Returns:

the area

getAreaNotation

```
public java.lang.String getAreaNotation()
```

Returns:

the areaNotation

getTime

```
public java.util.Date getTime()
```

Returns:

the time

compareTo

```
public int compareTo(PathCast o)
```

Specified by:

compareTo in interface java.lang.Comparable<PathCast>

Class Wx

Constructor Detail

Wx

```
public Wx(com.vividsolutions.jts.geom.Coordinate eventCenterLocation,  
          double motionSpeedInMetersPerSec,  
          double motionDir,  
          long obsTime,  
          long wwaStartTime,  
          long wwaStopTime,  
          long interval)  
throws com.raytheon.viz.exception.VizException
```

Constructor

Parameters:

eventCenterLocation -
motionSpeedInMetersPerSec -
motionDir -
obsTime -
wwaStartTime -
wwaStopTime -
interval -

Throws:
com.raytheon.viz.exception.VizException

Method Detail

getPredictedStormTrack

```
public com.vividsolutions.jts.geom.Coordinate[]  
getPredictedStormTrack()
```

pathcast

```
public PathCast[] pathcast(PathcastConfiguration pathcastConfiguration,  
GeospatialConfiguration geospatialConfig)  
throws WarngenException
```

Throws:
WarngenException

getNearestPointOnLine

```
public ClosestPoint  
getNearestPointOnLine(com.vividsolutions.jts.geom.Coordinate point,  
com.vividsolutions.jts.geom.Coordinate linePoint1,  
com.vividsolutions.jts.geom.Coordinate linePoint2)  
throws  
org.opengis.referencing.operation.TransformException
```

Throws:
org.opengis.referencing.operation.TransformException

findClosestPoints

```
public ClosestPoint[]  
findClosestPoints(GeospatialConfiguration geospatialConfiguration,  
ClosestPointsConfiguration closestPointsConfiguration)  
throws  
com.raytheon.viz.exception.VizException
```

Throws:
com.raytheon.viz.exception.VizException

getMovementInMph

```
public double getMovementInMph()
```

getMovementInKnots

```
public double getMovementInKnots()
```

getMovementDirectionRounded

```
public double getMovementDirectionRounded()
```

getMovementDirection

```
public double getMovementDirection()
```

getEndTime

```
public java.util.Date getEndTime()
```

getStartTime

```
public java.util.Date getStartTime()
```

getObsTime

```
public java.util.Date getObsTime()
```

Package com.raytheon.viz.warngen.gui

Class Summary

<u>WarngenAction</u>	Warngen Action Contains the process of launching the warngen dialogs and setting up the associated drawing behavior.
<u>WarngenDialog</u>	WarnGen Dialog Box Contains the dialog box used to select WWA parameters
<u>WarngenLayer</u>	WarngenLayer
<u>WarningEditDialog</u>	Warning Edit Dialog Contains the dialog box for previewing the text of a generated WWA

Class WarngenAction

Constructor Detail

WarngenAction

```
public WarngenAction()
```

Method Detail

execute

```
public java.lang.Object  
execute(org.eclipse.core.commands.ExecutionEvent arg0)  
throws  
org.eclipse.core.commands.ExecutionException  
Specified by:  
execute in interface org.eclipse.core.commands.IHandler  
Overrides:  
execute in class com.raytheon.viz.ui.tools.map.AbstractMapTool  
Throws:  
org.eclipse.core.commands.ExecutionException
```

loadConfig

```
public static WarngenConfiguration  
loadConfig(java.lang.String templateName)
```

Class WarngenAction.RectDrawingHandler

Constructor Detail

WarngenAction.RectDrawingHandler

```
public WarngenAction.RectDrawingHandler()
```

Method Detail

handleMouseDown

```
public boolean handleMouseDown(int x,  
                             int y,  
                             int button)
```

Specified by:

handleMouseDown in interface com.raytheon.viz.ui.input.IInputHandler

handleMouseDownMove

```
public boolean handleMouseDownMove(int x,  
                                   int y,  
                                   int button)
```

Specified by:

handleMouseDownMove in interface
com.raytheon.viz.ui.input.IInputHandler

handleMouseUp

```
public boolean handleMouseUp(int x,  
                            int y,  
                            int button)
```

Specified by:

handleMouseUp in interface com.raytheon.viz.ui.input.IInputHandler

handleDoubleClick

```
public boolean handleDoubleClick(int x,  
                                int y)
```

Specified by:

handleDoubleClick in interface
com.raytheon.viz.ui.input.IInputHandler

handleMouseHover

```
public boolean handleMouseHover(int x,  
                               int y)
```

Specified by:

handleMouseHover in interface com.raytheon.viz.ui.input.IInputHandler

handleMouseMove

```
public boolean handleMouseMove(int x,  
                             int y)
```

Specified by:

handleMouseMove in interface com.raytheon.viz.ui.input.IInputHandler

handleKeyDown

```
public boolean handleKeyDown(int keyCode)
```

Specified by:

handleKeyDown in interface com.raytheon.viz.ui.input.IInputHandler

handleKeyUp

```
public boolean handleKeyUp(int keyCode)
```

Specified by:

handleKeyUp in interface com.raytheon.viz.ui.input.IInputHandler

handleMouseWheel

```
public boolean handleMouseWheel(org.eclipse.swt.widgets.Event event,  
                                int x,  
                                int y)
```

Specified by:

handleMouseWheel in interface com.raytheon.viz.ui.input.IInputHandler

Class WarngenDialog

Method Detail

setDurations

```
public void setDurations(int[] durations)
```

Set the possible durations

Parameters:

durations -

setDefaultDuration

```
public void setDefaultDuration(int duration)
```

Set the default duration

Parameters:

duration -

getSelectedBullets

```
public java.lang.String[] getSelectedBullets()
```

Returns:

the selectedBullets

getEndTime

```
public java.util.Calendar getEndTime()
```

Returns:

the endTime

getStartTime

```
public java.util.Calendar getStartTime()
```

Returns:

the startTime

getStormType

```
public java.lang.String getStormType()
```

Returns:

the stormType

Class WarngenLayer

Constructor Detail

WarngenLayer

```
public WarngenLayer()
    throws com.raytheon.viz.exception.VizException
```

Constructor

Parameters:

config -

Throws:

com.raytheon.viz.exception.VizException

Method Detail

Paint

```
public void paint(com.raytheon.viz.core.IGraphicsTarget target,
com.raytheon.viz.core.drawables.PaintProperties paintProps)
    throws com.raytheon.viz.exception.VizException
```

Specified by:

paint in interface com.raytheon.viz.core.drawables.IRenderable

Overrides:

paint in class com.raytheon.viz.ui.tools.gis.AcetateLayer

Throws:

com.raytheon.viz.exception.VizException

getDataTimes

```
public com.raytheon.edex.plugin.time.DateTime[] getDataTimes()
```

Specified by:

getDataTimes in interface

com.raytheon.viz.core.rsc.capabilities.ITimeSeqResource

setDisplayedDate

```
public void setDisplayedDate(com.raytheon.edex.plugin.time.DateTime dataTime)
    Specified by:
        setDisplayedDate in interface
            com.raytheon.viz.core.rsc.capabilities.ITimeSeqResource
```

createPolygonFromShadedArea

```
public void createPolygonFromShadedArea()
    throws
com.raytheon.viz.exception.VizException
    Throws:
        com.raytheon.viz.exception.VizException
```

getStormTrack

```
public com.raytheon.viz.awipstools.ui.display.StormTrackDisplay
getStormTrack()
```

createPolygonFromTrack

```
public void createPolygonFromTrack()
    throws
com.raytheon.viz.exception.VizException
    Throws:
        com.raytheon.viz.exception.VizException
```

updateWarnedAreas

```
public void updateWarnedAreas()
    throws com.raytheon.viz.exception.VizException
    Throws:
        com.raytheon.viz.exception.VizException
```

getShadedArea

```
public com.vividsolutions.jts.geom.Geometry getShadedArea()
```

setDescriptor

```
public void setDescriptor(com.raytheon.viz.core.drawables.IDescriptor descriptor)
    Specified by:
        setDescriptor in interface com.raytheon.viz.core.rsc.IVizResource
    Overrides:
        setDescriptor in class com.raytheon.viz.ui.tools.gis.AcetateLayer
```

setAddActions

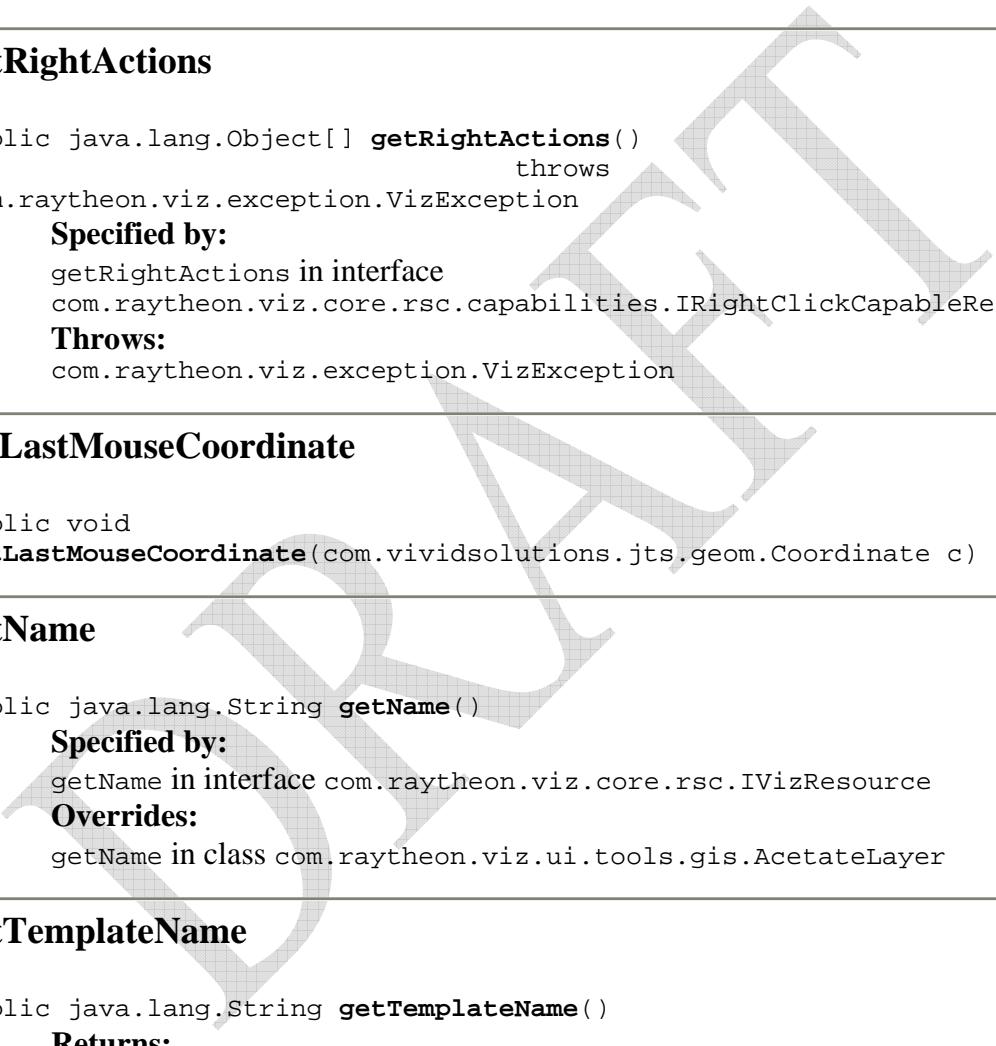
```
public void  
setAddActions(com.raytheon.viz.ui.cmenu.AbstractRightClickAction action  
)
```

setDeleteActions

```
public void  
setDeleteActions(com.raytheon.viz.ui.cmenu.AbstractRightClickAction act  
ion)
```

getRightActions

```
public java.lang.Object[] getRightActions()  
throws  
com.raytheon.viz.exception.VizException  
Specified by:  
getRightActions in interface  
com.raytheon.viz.core.rsc.capabilities.IRightClickCapableResource  
Throws:  
com.raytheon.viz.exception.VizException
```



setLastMouseCoordinate

```
public void  
setLastMouseCoordinate(com.vividsolutions.jts.geom.Coordinate c)
```

getName

```
public java.lang.String getName()  
Specified by:  
getName in interface com.raytheon.viz.core.rsc.IVizResource  
Overrides:  
getName in class com.raytheon.viz.ui.tools.gis.AcetateLayer
```

getTemplateName

```
public java.lang.String getTemplateName()  
Returns:  
the templateName
```

setTemplateName

```
public void setTemplateName(java.lang.String templateName)  
Parameters:  
templateName - the templateName to set
```

getConfiguration

```
public WarnngenConfiguration getConfiguration()
```

Returns:

the configuration

Class WarningEditDialog

Method Detail

Close

```
public boolean close()
```

Overrides:

close in class [org.eclipse.jface.dialogs.Dialog](#)

Constant Field Values

Contents

com.raytheon.*

com.raytheon.viz.warngen.Activator

public static final java.lang.String	PLUGIN_ID	"com.raytheon.viz.warngen"
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com.raytheon.viz.warngen.PreferenceConstants

public static final java.lang.String	P_CWA_FILTER	"warngenCWAFilter"
public static final java.lang.String	P_OFFICE_LONG	"warngenOfficeLong"
public static final java.lang.String	P_OFFICE_SHORT	"warngenOfficeShort"

com.raytheon.viz.warngen.gis.Area

public static final double	DEFAULT_INCLUSION_TOLERANCE	0.05
public static final double	DEFAULT_PORTION_TOLERANCE	0.25