

## Report Template Variables

Report templates are HTML files with Velocity template language (VTL) statements embedded. Velocity statements look like `#set( $var = value )`, or `#if ( $var >= 34 )`. Velocity falls under the Apache organization. For more information, visit [velocity.apache.org](http://velocity.apache.org).

The Velocity template language provides access to key RiskVision solution objects, including those described below. For examples of Dashboard Templates, see [Creating an Advanced Report Template](#).

### **\$dashboardContext**

void

bindSavedParameterValues()

Dashboard

getDashboard()

DashboardParameters

getDashboardParameters()

void

initReports()

List report URIs

A dashboard template must call `initReports` if the dashboard has dependent reports.

void

loadObject()

String className)

boolean

isPreprocessing()

boolean

isRendering() – true if not preprocessing

void

saveParameters()

void

setDashboardParameters()

Map

String> parms,

Map

String> reportParms)

void

setParameter(

String key,

[ String logicalReportId, - optional

String pname ] - optional

Object val)

void

setPreprocessing(

boolean value)

void

setRendering(

boolean value)

### **\$dashboardParameters**

void

addDashboardReport(

String URL,

FusionReport report,

DashboardContext context)

DashboardParameterInstance

addParameter(

String name,

String label

[ String type ] - optional

[ boolean isList ] - optional

[ String filter ] - optional

)

Types are: String, Number, Date, Timestamp, Entity, Control, Subcontrol, Program, Vulnerability, Ticket, or DynamicGroup.

Entity

getEntity(  
String key,  
String displayName)

List

getEntities(  
String key,  
String displayName)

PolicySet

getControl(  
String key,  
String displayName)

List

getControls(  
String key,  
String displayName)

DashboardReport

getDashboardReport(  
String URL,  
Date

getDate(  
String key,  
String displayName)

String

getDateStr(  
String key,  
String displayName)

VirtualGroupInstance

getDynamicGroup(  
String key,  
String displayName)

List

getDynamicGroups(  
String key,  
String displayName)

Object

getParameterValue(  
String name)  
AuditProject

getProject(  
String key,  
String displayName  
[, filter] - optional  
)

List

getProjects(  
String key,  
String displayName  
[, filter] - optional  
)

DashboardReport

getReport(  
String id)  
String  
getReport(  
String URL,  
String size  
[, String logicalReportId] - optional  
)  
String  
getReportLookupKey(  
String URL,  
String logicalReportId)  
DashboardReport  
getReportByUrlandLogicalReportId(  
String URL,  
String logicalReportId)  
Policy  
getSubcontrol(  
String key,  
String displayName)  
List  
getSubcontrols(  
String key,  
String displayName)  
Ticket  
getTicket(  
String key,

String displayName)

List

getTickets(

String key,

String displayName)

String

getTimestamp(

String key,

String displayName)

Vulnerability

getVulnerability(

String key,

String displayName)

List

getVulnerabilities(

String key,

String displayName)

void

setControl(

String URL,

String key,

[String logicalReportId,] - optional

PolicySet value)

void

setVulnerability(

String URL,

String key,

[String logicalReportId,] - optional

Vulnerability value)

### **\$dashboardProcessor**

String

getAbortOnFirstReportError()

DashboardContext

getDashboardContext()

int

getMaxRows()

FusionReport

getReport(

String reportURI)

List>

getReportData(

String reportURI,

Map

String> parms,

Integer maxRows)

void

setMaxRows(

int max)

void

setAbortOnFirstReportError(

String actionOnReportError)

### **Other Objects**

Other system objects can be requested using the dashboard methods described here, including:

- Entity (that is, entity)

- AuditProject (that is, assessment program)
- DashboardReport
- Object
- Policy
- PolicySet
- Ticket
- VirtualGroupInstance (that is, dynamic group)
- Vulnerability

These objects typically have a `getTitle()` method and a `getDescription()` method which provide sufficient information about the object for dashboard purposes.