GlideSPScriptable

GlideSPScriptable enables you to interact with data and perform record operations in Service Portal widgets. You can access GlideSPScriptable methods by using the global $sp object. We've combed the interwebs and created this quick reference document for you to use day–to–day. Enjoy!

Method (Parameters)	Description
addQueryString (GlideRecord gr, String queryString)	$sp.addQueryString(…) is functionally equivalent to GlideRecord addQueryString(String…).
buildThemeVariableModel (Refer to the widget-portal-config widget)	Used internally by the Portal Config widget to compute styling details.
canReadRecord (GlideRecord gr, String table_name, String sysId)	Returns true if the user can read the specified GlideRecord.
getCatalogItem (String sysId)	Returns a model and view model for a sc_cat_item or sc_cat_item_ guide.
getClass (getClassDisplayValue)	Returns the table's label.
getDisplayValue (String field_name)	Returns the display value of the specified field (if it exists and has a value) from either the widget's sp_instance or the sp_portal record.
getField (GlideRecord gr, String fieldName)	Returns information about the specified field in the specified GlideRecord.
getFields (GlideRecord gr, String fieldNames)	Checks the specified list of field names, and returns an array of valid field names.
getFieldsObject (GlideRecord gr, String fieldNames)	Checks the specified field names, and returns an object containing the valid names.
getFilterBreadcrumbs (String table, String, Query)	Returns an array of objects where each object contains the bread crumb label, value, and flags for if fixed and if removed.
getForm (tableName, sysId, query?, view?)	Returns an object containing various form related data and values for all fields.
getHTTPS (String url)	Makes request to provided URL, and returns the response as a string.
getInstanceRecord	Returns the widget instances GlideRecord.
getItemDisplayPrice (String itemID, String tableName, int quantity)	Given the item, item class, and quantity, return the display value of the total price.
getKBCategoryArticles (String sysId, Number limit)	Returns KB articles in the specified category and its sub categories. Pass 'limit' to limit the number of articles returned.
getKBCategoryArticleSummaries (String sysId, Number limit, Number maxChars)	Returns Knowledge Base article summaries in the specified category and its subcategories.
getKBCount (String sysId)	Returns the number of articles in the defined Knowledge Base.
getKBRecord	Returns the portal's KB record where the workflow state is published.
getKBSiblingCategories (String sysId)	Returns KB categories with same parent as the specified category.
getKBTopCategoryID (String sysId)	Returns the top category in the hierarchy containing the specified category.
getKBTopicArticles (String topic)	Returns an array of articles for the given KB topic string (must match value on sys_choice table to work).
getKnowledgeBases	Returns a CSV string of knowledge base sys_id's pertaining to the portal.
getListColumns (String tableName, String view)	Returns a list of the specified table's columns in the specified view.
getMenuHREF (GlideRecord page)	Returns the (?id=) portion of the URL based on the sp_menu type.
getMenuItems (String sysId)	Returns the menu items for the specified instance.
getParameter (String name)	Returns the value of the specified parameter.
getPortalGR	Returns the portal's GlideRecord.
getPortalRecord	Returns the portal record from the Service Portals [sp_portal] table.
getRecord (String table, String sysId)	Returns the GlideRecord identified by the table and sys_id parameters. If no parameters are provided, it will pull them from the current URL.
getRecordDisplayValues (Object data, GlideRecord from, String names)	Copies display values for the specified fields into the data parameter.
getRecordElements (Object data, GlideRecord form, String names)	For the specified fields, copies the element's name, display value, and value into the data parameter.
getRecordValues (Object data, GlideRecord from, String names)	Copies values for the specified field names from the GlideRecord into the data parameter.
getRecordVariables (GlideRecord gr, Boolean includeNilResponses)	Returns Service Catalog variables associated with a record in String format.
getRecordVariablesArray (GlideRecord gr, Boolean includeNilResponses)	Returns an array of Service Catalog variables associated with a record.
getRectangleRecord	Alias for method getInstanceRecord.
getRelatedList (String tableName, String primaryKeyColumnName)	Primarily used by the Carousel to retrieive data related to this widget's instance. Using the sys_id of the instance, returns related list of records from provided table.
getSCRecord	Returns unqueried gliderecord of catalog items based on the catalog defined on the portal record.
getSearchSources (String portalSysID)	Returns an array of search source details pertaining to this portal.
getStream (String table, String sysId)	Gets the activity stream for the specified record. This method works on tables that extend the task table.
getStreamEntries	Primarily used in the Ticket Conversation widget, this returns a given record's activity stream.
getSubCategories (String kbCategoryID)	Returns the KB subcategories of the specified category.
getTableVariableRow (Object req) see widget for structure	Table type variables utilize this method to render and display variable content. Used in the Table Variable Active Row widget.
getUserInitials	Returns the user's initials as a string.
getValue (String name)	Returns the named value of the JSON request, instance, or portal.
getValues (Object data, String names)	Copies values from the request or instance to the data parameter.
getVariablesArray (Boolean includeNilResponses)	Returns an array of Service Catalog variables associated with the record in the URL.
getWidget (String sysID, Object options)	Gets a widget by id or sys_id, executes that widget's server script using the provided options, then returns the widget model.
getWidgetFromInstance (String instanceID)	(Deprecated) Returns a widget from the specified widget instance.
getWidgetFromRectangle (String instanceID)	(Deprecated) Returns a widget from the specified widget instance.
getWidgetParameters (String instanceID)	Returns object containing widget options.
getWidgetScope (String instanceID)	Returns a widget from the specified widget instance.
hasTextIndex (String tableName)	Returns true if the provided table is indexed.
isServicePortalURL (String portalURL)	Determines if a link is a Service Portal link.
isUserCriteriaEnabled	Checks to see if user criteria is being used.
log (String, object)	Sends the specified message to the log console.
logSearch	Adds a record to the Service Portal Statistics logs.
logStat (String type, String table, String id, opt String comments)	Create a new entry in the sp_log table with a table name, a record sys_ id from that name, and some type and optional comments. Handy for doing things like logging searches or visits to pages, etc.
mapUrlToSPUrl (String url)	Transforms a URL requesting a list or form in the platform UI into the URL of the corresponding id=list or id=form Service Portal page.
saveRecord (String table, String sys_id, Array fields)	Returns sys_id if updated record is successful.
saveVariables (String tableName, String sysID, Object arrayOfVariableDetails)	The arrayOfVariableDetails array must be filled with objects containing variable details. See the sp–variable–editor widget for what that data structure looks like.
showCatalogPrices	Checks system property (glide.sc.price.display) to see if displaying catalog item prices is allowed.
stripHTML (String html)	Removes non–breaking spaces from the specified string.
translateTemplate (String message)	Used to translate messages containing ${message}.