## **How-To Cross Media Calendar Scripts**



After you have downloaded and imported it into your account, you should be able to select the campaign 'CalendarExamples' (left).

The opened campaign should contain four documents (right): CalendarTableGrid, CalendarTableLine, CalendarSets, and CalendarExample.

When selecting the first, uppermost, document, you should see a page that contains an XML frame with the variable '[[CalendarGrid.M01]]'. The first part of the variable identifier 'CalendarGrid' refers to the scripting relation from whose output table the column 'M01'



stems, containing the actual XML code for the depicted elements.



When you select the tab with the script relation name (at the bottom of the window), you will see the toolbar with which the script behavior can be changed. Another point of interest for the calendar scripts is the button with the pencil icon (left) with which the incoming parameters can be set, as well as the scroll icon which is used to open the script editor.



A click on the pencil icon opens the following window. Next to the script name in the upper left, you can find individual parameters for the output a bit further down. At the moment, fixed texts have been assigned but they can also be set through database columns or Cookie variables. Here the start year and month are numerically defined, followed by a country code for the order and designation e.g. of the weekdays, as well as the color indication for highlighting the weekend days. On the right side you'll see the provided output fields for the individual month calendars.

Edit Data Relation	x
Table:	Order By: Descending
Script	
Name	
CalendarGrid	Columns: Reload Select all Invert selection
Calcinarona	ID Integer
Records per page: 50	M01 String
Records per page (preview): 10	M02 String
	M03 String
Data-Mode: Data	M04 String
	String
Parameters	
Year	Calendar compositions
A CONTRACT OF A	M08 String
2014	M09 String
StartMonth	M10 String
1 5	M11 String
Language input parameter	M12 String
EN	
Color	
cmyk,0,100,90,0	Copy column selection Paste column selection
Cancel	Save

Clicking on the scroll icon (on the right in the toolbar) opens the editor in which the script can be found. Next, the metadata for the output and input parameters are defined in the script (left side) followed by the actual script code. The debug tab on the right side shows the output window in which various values for debugging can be issued from the script.

DirectSmile	Cross Media	+	Script (	relation (	editor window
ript relatio	on editor				
ript			Search:	T	Debug Examples Snippets Info
63 BE 64 65 66 67 68 69 70 71 72 73 74 73 73 74 75 76 77 76 80 81 82 83 84 83 84 83 84 85 86 87	// define output BEGIN COLUMNS // "columnName" COLUMN "M01" COLUMN "M02" COLUMN "M04" COLUMN "M04" COLUMN "M05" COLUMN "M11" COLUMN "M11" COLUMN "M12" END COLUMNS // define custom BEGIN PARAMETERS // "displa PARAM "Year" PARAM "Yearth	table "valueformat "int" "string" parameter IN NyName" "KeyName "Year" Nonth" "StartMe	calendar composit "// to avoid warning message // 1st calendar page // and // and // so // on // until // 12th calendar page put parameter " "defaultValue" "2015" ponth" "1"	e // Year in // Month ir	<ul> <li>System: Mode: LoadData Console: debug output via console.log Calendar begin: Wednesday, January 01, 2014 Composition proportions: 400 width / 300 height (~1.33)</li> <li>System: Your script takes 1ms to execute. Max execution time is 500ms. Current</li> </ul>
93	PARAM "Langua PARAM "Color" END PARAMETERS ND METADATA F(Mode == 'LoadData' // read in custon	"Color" S ){ // do on loa parameter to :	"cmyk,0,100,90,0" Cript ading data only	// Output : // Color to	•





The third document is principally constructed in the same manner as the previous document, with the exception that the image sets are rotated through the months of a year.



In the parameter view of the image document, you can determine the name for the image personalization followed by the starting calendar month. Furthermore, you'll also find the assignment options for the 12 sets in an entire calendar, starting with Set01 for the January motif through Set12 for December.

Edit Data Relation	x
Table:	Order By: Descending
Script	
Name	
CalendarSets	Columns: Reload Select all Invert selection
	ID Integer
Records per page: 50	M01 String
Records per page (preview): 10	M02 String
Data-Mode: Data	M03 String
	M04 String
	M05 output table for String
Parameters	image frame compositions
Name	
DirectSmile	M08 String
StartMonth input parameters	M09 String
1 6	M10 String
set01 Set assignments	M11 String
System/Balloons	M12 String
Set02	
System/SnowCar	
	Copy column selection Paste column selection
Cancel	Save

Next, we have the image sets, for our SaaS customers, which are linked with the standard sets from the existing system stock, because custom sets can only be uploaded onto the SaaS system for a fee. These sets are likely to be missing when you are using your own Cross Media Server, and will be issued with an error message in the view.

Set not found [SetAlias: FallingLeaves]	

The sets that are provided for an account can be added without specifying the path, for the system assigned sets, the path specification must have the prefix "System/".



In the fourth document, the XML frame of the monthly calendar and the image set are each put together for the 12 months of the year.



In order for the motif allocation to work problem free, the same starting month must be assigned for both scripts.

