

LWCM and the Dojo Tool Kit

- Scenario
 - Use the Dojo Tool kit to implement a Events Calendar page
- Before you start you need to:
 - Import the EventSample Library
 - Use the configuration task import-wcm-data to import the EventSample Library

Events

Select Event Location:

- All
- Chicago
- Dallas
- New York
- Salzburg

All Events

Date	Type	Event Name	Event Location
2009-05-03	Conference	Impact in Las Vegas 2009	New York
2009-11-11	Conference	My New Event for November	New York
2009-10-26	Conference	Portal Excellence Conference in Salzburg	Salzburg
2009-10-11	Conference	Portal Excellence Conference in San Diego	San Diego

[New Event](#)

Double Click on Calendar Day

December

S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9
2008		2009	2010			

LWCM and the Dojo Tool Kit

- Steps
 - 1 Configure the Events Portlet
 - 2 Examine the HTML component that contains the dojo script code
 - 3 Examine the List contents
 - 4 Examine the Personalization components
 - 5 Examine the Personalization rules
 - 6 Create a new Event

LWCM and the Dojo Tool Kit

- Steps 1 - Configure the Events Portlet
 - Create a new page
 - Web Content Viewer (JSR286) Portlet to the page
 - Configure the Portlet

Edit Layout

"Edit Layout allows you to add and arrange portlets. You can also re layout template by editing page properties if you wish to add or remove c

Page title: Event Calendar

Web Content Viewer (JSR 286) [Edit shared settings](#) [Delete portlet](#)

+ Add portlets

Done

Content Type ([Reset](#))
Component

Component ([Reset](#))
EventsSample/SC HTML Event Calendar
[Edit](#) [Clear](#)

Content ([Reset](#))
EventsSample/Showcase Internal Site/Events/SC Events All61
[Edit](#) [Clear](#)

Profile

Categories ([Reset](#))
None
[Edit](#)

Site Areas ([Reset](#))
None
[Edit](#)

Authoring Templates ([Reset](#))
None
[Edit](#)

Portlet Settings

Portlet Display Title ([Reset](#))
Set the following title

LWCM and the Dojo Tool Kit

- Steps 2 - Examine the HTML component that contains the dojo script code

Identification

* Name:

SC HTML Event Calendar

Display title:

SC HTML Event Calendar

Description:

SC HTML Event Calendar

Type:

HTML

Library:

EventsSample

Authors:

Select Authors ▾

wpadmin X

Owners:

Select Owners ▾

wpadmin X

HTML Element

Import Export Insert a Link Insert an Image

```
<script type="text/javascript">
dojo.require("dojo.parser");
dojo.require("dijit._Calendar");
<script type="text/javascript" src="/wps/wcm/dojo/dojo/doj
<script type="text/javascript">
```

```
1 <script type="text/javascript">
2   dojo.require("dojo.parser");
3   dojo.require("dijit._Calendar");
4   <script type="text/javascript" src="/wps/wcm/dojo/dojo/dojo.js"></script>
5   <script type="text/javascript">
6     dojo.require("dijit.form.Form");
7     dojo.require("dijit.form.ValidationTextBox");
8     dojo.require("dijit.form.ComboBox");
9     dojo.require("dijit.form.FilteringSelect");
10    dojo.require("dijit.form.CheckBox");
11    dojo.require("dijit.form.DateTextBox");
12    dojo.require("dijit.form.CurrencyTextBox");
13    dojo.require("dijit.form.NumberSpinner");
14    dojo.require("dijit.form.Slider");
15    dojo.require("dijit.form.Textarea");
16    dojo.require("dijit.Editor");
17    dojo.require("dijit.form.Button");
18    dojo.require("dojo.data.ItemFileReadStore");
19    dojo.require("dijit.InlineEditBox");
20    dojo.require("dijit.form.DateTextBox");
21    dojo.require("dijit._editor.plugins.LinkDialog");
22    dojo.require("dijit.Dialog");
23    dojo.require("dijit.InlineEditBox");
24      dojo.require("dijit.form.DateTextBox");
25      dojo.require("dijit.form.SimpleTextarea");
26      dojo.require("dijit.TitlePane");
27      dojo.require("dijit.layout.ContentPane");
28    dojo.require("dojo.parser");
29  </script>
```

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- Step 2 - Examine the HTML component that contains the dojo script code
- **showForm** displays the detailed event in a LightBox
- **hideForm** will close the LightBox
- **editItem** will reformat the URL with the query string parm

```

var nocint=0;
var djConfig = { isDebug:false, parseOnLoad:true };
var formLightBox;

dojo.require("dijit.Dialog");

function showForm(eventTitle,url)
{
formLightBox = new dijit.Dialog({
title: eventTitle
});
formLightBox.setHref(url);
formLightBox.show();
}
function hideForm()
{
formLightBox.hide();
}

function editItem(editUrl)
{
var newLocation = window.location.href;
var query = editUrl.substring(editUrl.indexOf('?') + 1);
if (newLocation.indexOf("?") > 0)
{
newLocation = window.location.href + "&" + query;
}
else
{
newLocation = window.location.href + "?" + query;
}
window.location=newLocation;
}
    
```

LWCM and the Dojo Tool Kit

- Step 2 - Examine the HTML component that contains the dojo script code

- Initialize the form using the parse function.
- *myHandler* will capture the selected date from the dojo calendar and format the date string for the URL request parameter.

```

var init = function(){
    dojo.parser.parse();
}

function myHandler(id,newValue){
    if (newValue.getDate() != null){
        var newDay = '0' + newValue.getDate();
        newDay = newDay.substring(newDay.length-2, newDay.length);
        var newMonth = '0' + (newValue.getMonth() + 1);
        newMonth = newMonth.substring(newMonth.length-2, newMonth.length);
        var newFullDate = newValue.getFullYear() + '-' + newMonth + '-' + newDay;
        document.getElementById("currentDayEvents").innerHTML = "Today's Date: " + newFullDate+ "<BR>";
        var dateURL = '<PathCmpnt
type="noprefixbase"/>/wps/wcm/myconnect/EventsSample/Showcase+Internal+Site/Events.SC+Events+61?scEventDataDate='
+ newFullDate;
        // alert (dateURL);
        dojo.xhrGet({
            url: dateURL,
            load: function (data){
                document.getElementById("currentDayEvents").innerHTML += data;
            }
        });
    }
    else
    {
        document.getElementById("currentDayEvents").innerHTML = "No Date Selected";
    }
}
    
```

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- Step 2 - Examine the HTML component that contains the dojo script code

- *put_it* will format the location request parameter in the URL or the URL to the All Events content.

```

function put_it()
{
    var w = document.myform.sel_list.selectedIndex;
    document.myform.selectLocation.value =
        document.myform.sel_list.options[w].text;
    var loc = document.myform.sel_list.options[w].text;
    if (loc != "All") {
        document.getElementById("currentDayEvents").innerHTML = "Events for " + loc + "<BR>";
        dojo.xhrGet({
            url: '<PathCmpnt
type="noprefixbase"/>/wps/wcm/myconnect/EventsSample/Showcase+Internal+Site/Events/SC+Events+Location61?scEventLo
cation=' + loc,
            load: function (data){
                document.getElementById("currentDayEvents").innerHTML += data;
            }
        });
    }
    else
    {
        document.getElementById("currentDayEvents").innerHTML = "All Events " + "<BR>";
        dojo.xhrGet({
            url: '<PathCmpnt
type="noprefixbase"/>/wps/wcm/myconnect/EventsSample/Showcase+Internal+Site/Events/SC+Events+All161',
            load: function (data){
                document.getElementById("currentDayEvents").innerHTML += data;
            }
        });
    }
}
    
```

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- Steps 2 - Examine the HTML component that contains the dojo script code

- *put_detail* will get formatted detail URL for the lightBox.

```
function put_detail(eventURL)
{
    if (eventURL != null){
        document.getElementById("selectedEvent").innerHTML = "<BR>";
        dojo.xhrGet({
            url: eventURL,
            load: function (data){
                document.getElementById("selectedEvent").innerHTML += data;
            }
        });
    }
    else
    {
        document.getElementById("selectedEvent").innerHTML ="No Event<BR>";
    }
}

dojo.addOnLoad(init);
</script>
```

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- Steps 2 - Examine the HTML component that contains the dojo script code

```
<table>
<tr>
<td width="600" valign="top">
Select Event Location:
<FORM NAME="myform">
<SELECT NAME="sel_list" ondblclick="put_it()" SIZE="5">
<OPTION VALUE="value1">All
<OPTION VALUE="value2">Chicago
<OPTION VALUE="value3">Dallas
<OPTION VALUE="value4">New York
<OPTION VALUE="value5">Orlando
<OPTION VALUE="value6">Paris
<OPTION VALUE="value7">Salzburg
<OPTION VALUE="value8">San Diego
<OPTION VALUE="value9">San Francisco
</SELECT>
<br>
<INPUT TYPE="Hidden" VALUE="" NAME="selectLocat" size="20">
</form>
<br>
<div id="currentDayEvents"></div>
</td>
<td width="300" valign="top">
Double Click on Calendar Day<br>
<input id="calendar1" dojoType="dijit._Calendar" onChange="myHandler(this.id,arguments[0])" lang="en-us">
</td>
</tr>
<tr>
<td>
<Component id="e7fcc300404588399d61bf8b106c994:NC91dmVudHNzYW1wbGUvc2MgYWwRkZXXZ1bnR0b29s" name="eventssample/sc
addeventtool"/>
</td></tr>
</tr>
</table>
```

Location Selection list

Event list Division

Dojo calendar

Authoring tool to add event

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- Step 3 - Examine the List contents

* Name:
SC Events All61

Display title:
SC Events All61

Type:
Content

Library:
EventsSample

Content

SC Body

[Click to edit](#)

SC Content List
Component:
[EventsSample/SC Menu Events61](#)
Select Component

Content Properties

Authoring Template:
[EventsSample/Event Home Page](#)

LWCM and the Dojo Tool Kit

- Step 3 - Examine the List contents

* Name:
SC Events Location61

Display title:
SC Events Location61

Type:
Content

Library:
EventsSample

 Content

SC Body

[Click to edit](#)

Content Properties

Authoring Template:

[EventsSample/Event Home Page](#)

SC Content List
Component:
[EventsSample/SC PZN Events by Location61](#)

LWCM and the Dojo Tool Kit

- Step 3 - Examine the List contents

Content Properties

Authoring Template:
[EventsSample/Event Home Page](#)

Identification

* Name:

SC Events 61

Display title:

SC Events 61

Type:

Content

Library:

EventsSample

Content

SC Body

[Click to edit](#)

SC Content List

Component:

[EventsSample/SC PZN Events by Date 61](#)

Select Component

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- Step 4 - Examine the Personalization components

Header:

```
Import Export Insert a Link Insert an Image
<!-- Intro, selection options and calendar -->
<Component
id="02b1ff804045a4aaa0f1a7b8b106c994:NC91dmVudHNzYW1wbGUvc2MgaHRtbCB1dmVudCB0ZWfkZXI=
" name="eventssample/sc html event header"/>
```

Design for each menu search result:

```
Import Export Insert a Link Insert an Image
<!-- use common HTML component -->
<Component
id="97b4f8804045a4aaa0f9a7b8b106c994:NC91dmVudHNzYW1wbGUvc2MgaHRtbCB1dmVudCB0YWJsZSBS
YXlvdXQgNjE=" name="eventssample/sc html event table layout 61"/>
```

Footer:

```
Import Export Insert a Link Insert an Image
<!-- use common HTML component -->
<Component
id="19a422004045a4a9a0e9a7b8b106c994:NC91dmVudHNzYW1wbGUvc2MgaHRtbCB1dmVudCBmb290ZXI=
" name="eventssample/sc html event footer"/>
```

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- Step 4 - Examine the Personalization components

SC PZN Events by Date 61

Description:
Showcase Personalization - Events by Date

Type:
Personalization

Library:
EventsSample

Authors:
Select Authors ▼
cn=sadmin X

Owners:
Select Owners ▼
cn=sadmin X

Personalization Element

New Open Search Clear

Embedded Rule

Description None

Rule Type Select Action

Select action rules return resources (items of content) from a resource collection based on a set of conditions. These conditions may include boolean logic, arithmetic operations, and values from the current application. You may also sort, randomize, and/or limit the number of results returned.

Select Web Content

- whose Location is EventsSample/Showcase Internal Site/Events and
- whose Event.Start Date is less than or equal to current Request.scEventDateDate and
- whose Event.End Date is greater than or equal to current Request.scEventDateDate

Personalization Picker

New Rule * Preview

Embedded Rule

Located in New Personalization Element

Description

Rule Type Select Action

Select action rules return resources (items of content) from a resource collection based on a set of conditions. These conditions may include boolean logic, arithmetic operations, and values from the current application. You may also sort, randomize, and/or limit the number of results returned.

Select [Web Content](#)

- whose Location is [EventsSample/Showcase Internal Site/Events](#) and
- whose [Event.Start Date](#) is less than or equal to [current Request.scEventDateDate](#) and
- whose [Event.End Date](#) is greater than or equal to [current Request.scEventDateDate](#)

[add Condition](#)

[order as is](#)

[show all items](#)

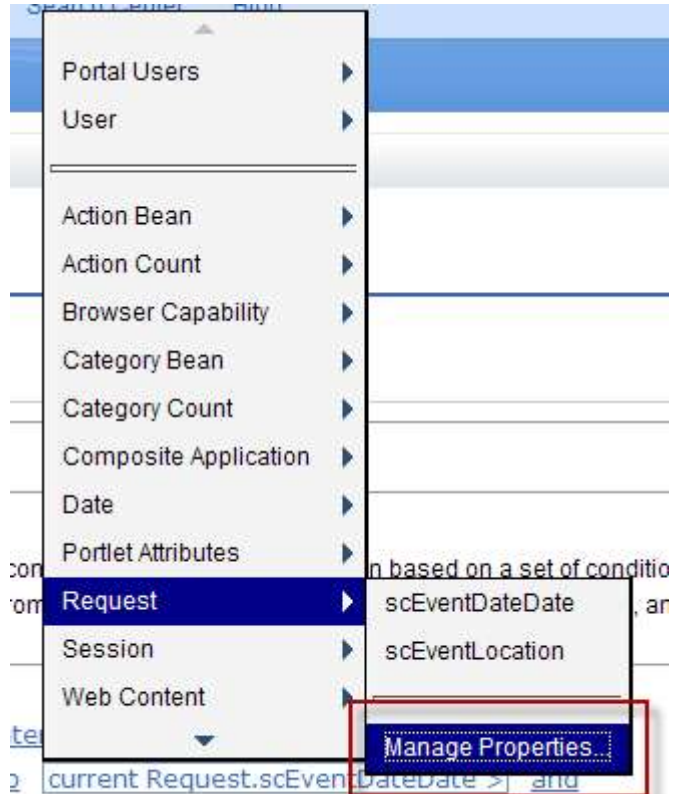
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- Step 5 - Examine the Personalization rules

Select [Web Content](#)

- ✗ whose [Location](#) is [EventsSample/Showcase Internal Site/Events](#) and
- ✗ whose [Event.Start Date](#) is less than or equal to [current Request.scEventDateDate](#) and
- ✗ whose [Event.End Date](#) is greater than or equal to [current Request.scEventDateDate](#)

[add Condition](#)
[order as is](#)
[show all items](#)



The screenshot shows a dropdown menu for the property 'Request.scEventDateDate'. The menu items are: Portal Users, User, Action Bean, Action Count, Browser Capability, Category Bean, Category Count, Composite Application, Date, Portlet Attributes, Request (highlighted), Session, and Web Content. A sub-menu for 'Request' is open, showing 'scEventDateDate' and 'scEventLocation'. The 'Manage Properties...' option at the bottom of the sub-menu is highlighted with a red box.

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- Step 5 - Examine the Personalization rules

Personalization Picker

Manage Properties

[New Rule *](#) [Preview](#) [Manage Properties](#)

Allows the dynamic properties of a resource collection to be modified

Browsing Workspace Page 1 of 1

*	<u>Display Name</u>	<u>Name</u>	Dynamic	Property Type
<input type="checkbox"/>	scEventLocation	scEventLocation	Dynamic	Text
<input type="checkbox"/>	scEventDateDate	scEventDateDate	Dynamic	Date

[Add Dynamic Property](#) [Delete Property](#) [Done](#)

LWCM and the Dojo Tool Kit

- Step 5 - Examine the Personalization rules

Identification

Name:

SC PZN Events by Location61

Display title:

SC PZN Events by Location61

Description:

Showcase Personalization - Events by Location

Type:

Personalization

Library:

EventsSample

Authors:

cn=sadmin

Owners:

Personalization Element

Embedded Rule

Description *None*

Rule Type **Select Action**

Select action rules return resources (items of content) from a resource collection based on a set of conditions. These conditions may include boolean logic, arithmetic operations, and values from the current application. You may also sort, randomize, and/or limit the number of results returned.

Select Web Content

whose Location is EventsSample/Showcase Internal Site/Events and

whose Event Location is current

Request.scEventLocation

order by

Title ascending

LWCM and the Dojo Tool Kit

- Step 6 - Create a new Event
 - Select All or a specific Location to display event list
 - Select New Event link

Events

Select Event Location:

All
Chicago
Dallas
New York
Salzburg

All Events

Date	Type	Event Name	Event Location
2009-05-03	Conference	Impact in Las Vegas 2009	New York
2009-11-11	Conference	My New Event for November	New York
2009-10-26	Conference	Portal Excellence Conference in Salzburg	Salzburg
2009-10-11	Conference	Portal Excellence Conference in San Diego	San Diego

[New Event](#)

Double Click on Calendar Day

December

S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9
2008		2009	2010			

LWCM and the Dojo Tool Kit

- Step 6 - Create a new Event
 - Complete fields for event

New

Close Save Save... Show Hidden Fields Manage Elements

Identification

* Name:
Lotusphere 2010

Display title:
Lotusphere 2010

Content

Summary
Lotus Knows

* Event Contact
Select a contact for the event
wpsadmin

Event Contact (backup)
(optional) Enter a backup contact
Select Users
None

New

* Event Location
Orlando

* Start Date
Enter a start date for the event
1/17/2010 Clear

End Date
(optional) Enter an end date
1/21/2010 Clear

Start Time
Clear

End Time
Clear

Email
Enter an e-mail address for the event contact

SC Agenda
File:
None

Upload a file:
w:\host\Shared Folders\Host\CTsmitt30D\DOC Browse...

* Required Fields.

Close Save Save... Show Hidden Fields Manage Elements

LWCM and the Dojo Tool Kit

- Step 6 - Create a new Event
 - Select date from the calendar

Events

Select Event Location:

- All
- Chicago
- Dallas
- New York
- Orlando

Today's Date: 2010-01-18

Date	Type	Event Name	Event Location
2010-01-17	Conference	Lotosphere 2010	Orlando

[New Event](#)

Double Click on Calendar Day

January

S	M	T	W	T	F	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

2009 2010 2011

LWCM and the Dojo Tool Kit

- Other scenarios
 - See the Dynamic FX Sample
 - <http://www-10.lotus.com/ldd/portalwiki.nsf/dx/dynamic-fx-demo-how-to-create-web2.0-effects-in-wcm-sites>

The screenshot displays a web application titled "Smart Travel". It features a navigation menu on the left with sections: "All Cities" (listing Beijing - China, Venice - Italy Change, Roma - Italy, Milan - Italy, Paris - France, Sydney - Australia, NewYork - USA, Singapore), "What's New" (listing Bird's Nest - Beijing, London - 2012, Paris - Romantic, Summer Palace, Venice - Water City), and "Hot Sceneries" (listing Great Wall, Opera House, Paris - Romantic, Singapore). The main content area shows a large image of the Colosseum in Rome with a tooltip "Paris - France" over it. Below this is a section for "Sydney Opera House" with a description: "Welcome to Sydney, Welcome to Australia, Sydney is really a beautiful, long historial city, there are many famous places in this city." and a small image of the opera house. To the right, there are smaller images of the Sydney Harbour Bridge and Paris NOTRE-Dame. A "Bird's Nest" window is open, showing a large stadium structure. At the bottom, there are partial views of "Statue of Liberty in USA" and "Travel in Australia".