



# Akumina Digital Workplace Eventing

Version 1.0 (December 2016)

# Table of Contents

<b>OVERVIEW</b> .....	<b>3</b>
<b>Subscribe</b> .....	<b>3</b>
<b>Publish</b> .....	<b>3</b>
<b>Sample</b> .....	<b>3</b>
How to Deploy .....	3
Code.....	3
<b>OOB DIGITAL WORKPLACE EVENTS</b> .....	<b>5</b>
<b>Loader</b> .....	<b>5</b>
/loader/executestep/.....	5
/loader/onexecuted/ .....	5
/loader/completed/ .....	5
/loader/showloading/ .....	5
/loader/handlesharepointbar/ .....	5
<b>Dashboard</b> .....	<b>5</b>
/dashboardcontainer/render/ .....	5
<b>MM</b> .....	<b>5</b>
/MM/Go/ .....	5
<b>Widget</b> .....	<b>5</b>
/widget/updated/ .....	5
<b>Genericlistcontrol</b> .....	<b>6</b>
/genericlistcontrol/loaded/ .....	6
<b>Myteam</b> .....	<b>6</b>
/myteam/profileclicked/.....	6
<b>Peoplelistsearch</b> .....	<b>6</b>
/peoplelistsearch/searchclick/ .....	6
<b>Practiceareapeople</b> .....	<b>6</b>
/practiceareapeople/search/ .....	6
/practiceareapeople/searchcompleted/.....	6
/practiceareapeople/error/ .....	6

# Overview

---

In our code, we can leverage the built in Digital Workplace eventing framework to easily create, fire, and handle custom events.

## Subscribe

When we 'Subscribe' to an event, we specify a function that will listen for the event. To subscribe to an event we will use the format below

```
Akumina.Digispace.AppPart.Eventing.Subscribe('<EventName>', <FunctionName>);
```

## Publish

When we 'Publish' an event, we fire it. To Publish an event we will use the format below

```
Akumina.Digispace.AppPart.Eventing.Publish('<EventName>');
```

Publish an event with data

```
Akumina.Digispace.AppPart.Eventing.Publish('<EventName>', <Data>);
```

## Sample

We will create a custom function and set it to listen to our custom event. Then we will fire our custom event.

### How to Deploy

1. **Download digitalworkplace.custom.js** from the **"/Style Library/DigitalWorkplace/JS"** folder within SharePoint
2. **Paste the Code** within **digitalworkplace.custom.js**
3. **Upload the updated digitalworkplace.custom.js** to the **"/Style Library/DigitalWorkplace/JS"** folder within SharePoint
4. **Navigate to a page on your Digital Workplace site**
5. **Flush your cache by clicking on the Akumina icon in the left rail, clicking the refresh icon, then clicking "Refresh All Cache"**
6. **Refresh the page. The alert should fire.**

### Code

```
function SampleFunction(data)
{
    alert('Custom event fired with ' + data);
}

Akumina.Digispace.AppPart.Eventing.Subscribe('/sample/coolevent/', SampleFunction);
```

```
Akumina.Digispace.AppPart.Eventing.Publish('/sample/coolevent/', "Really cool input");
```

# OOB Digital Workplace Events

---

The following are events that are already fired within the Digital Workplace framework that you can subscribe functions to.

## Loader

`/loader/executestep/`

Fires once a step within the Digispace loader is completed

`/loader/onexecuted/`

Fires when a step within the Digispace loader is executed

`/loader/completed/`

Fires once all the steps for the loader are completed

`/loader/showloading/`

Fires when the loader is shown

`/loader/handlesharepointbar/`

Fires during the Digispace loader core step that determines whether the sharepoint bar will be shown or hidden

## Dashboard

`/dashboardcontainer/render/`

Fires whenever the dashboard is navigated to or updated

## MM

`/MM/Go/`

Fires when we click on a widget in edit widget mode

## Widget

`/widget/updated/`

Fires after we click 'Update' in the WidgetManager Menu

## Genericlistcontrol

/genericlistcontrol/loaded/

Fires after we load a Generic List Control Widget

## Myteam

/myteam/profileclicked/

Fires after the profile is clicked within the Team Widget modal

## Peoplelistsearch

/peoplelistsearch/searchclick/

Fires when we click 'Search' within the People List Search Widget

## Practiceareapeople

/practiceareapeople/search/

Fires when we call the Search function within the People List Widget

/practiceareapeople/searchcompleted/

Fires when the search is completed within the People List Widget

/practiceareapeople/error/

Fires when there is an error in searching within the People List Widget