Bend RiSE to Your Will: Techniques to Add WOW Factor to Your iMIS-Driven Website

Presented by:

Association Technology Solutions
About ATS

• Serving iMIS community since 1995

• Full-service Authorized iMIS Solutions Provider (AiSP)

• Application development to extend the functionality of iMIS

• 2015 Authorized iMIS Solution Provider (AiSP) of the Year
Hosted by

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Bend RiSE to Your Will

• Just a few examples of how we can extend RiSE.
  – Sticky Headers
  – jQuery Widgets(plugin)
  – Tagged List iPart
  – Relocate Content
• While not OTB features, there is nothing about RiSE that prevents you from adding these sorts of features & functionality.
• Why Use RiSE?...Why NOT!?
• But first let’s understand RiSE Framework.
RiSE Framework

• Masterpage – the “wrapper”
  – Global header wireframe
  – Global footer wireframe
  – Homepage panel
  – Interior page panel
  – Generates the HTML of the site.
    • <head> tag
    • <body> tag
• App_theme
  – CSS for the site
  – Files automatically added to the site header in alpha order
  – zzCustom for overrides ensures it comes last.
• Put JS files in new folder in ROOT of net folder
Sticky Headers

• What is a Sticky Header? Web-site header stays fixed at the top of the browser window. When user scrolls down the page.

• Many different ways to do this. Each with their own pro’s and con’s.
Sticky Headers – Simple Script

• Adds class “sticky” to body tag after a user scrolls

• Up to you to write CSS from there:

```css
header {
    position:static;
}

body.sticky header {
    position:fixed
}
```
Sticky Headers - Skrollr

- [https://prinzhorn.github.io/skrollr/](https://prinzhorn.github.io/skrollr/)
- Many different ways to use
- Great example of capabilities at [https://prinzhorn.github.io/skrollr/](https://prinzhorn.github.io/skrollr/)
- Uses tag attributes to define behavior
  ```html
  <div id="bg1" data-0="background-position:0px 0px;" data-end="background-position:-500px -10000px;"></div>
  ```
- Can define behavior right on the tag like above, or can be done via javascript in the footer.
  ```javascript
  // ON PAGE LOAD ANIMATIONS
  $('header').attr('data-start', 'transform:translateY(0%);box-shadow:0 0 0 #333;');
  $('header').attr('data-100-start', 'transform:translateY(-50%);box-shadow:5px 5px 20px #333;');
  </script>
Sticky Headers - Skrollr

Great cheat sheet at:
https://ihatetomatoes.net/wp-content/uploads/2014/10/skrollr-cheatsheet-v02.png
Sticky Headers - Skrollr

parallax scrolling for the masses

let's get scrollin' ;-)}
jQuery Widget

- **jQuery widgets** take simple clean HTML mark-up and convert into more advanced interactive UI elements like
  - Tabs
  - Accordions
  - Sliders
  - carousels, etc.
jQuery Widget
jQuery Widget - Accordion

```
1. <doctype html>
2. <html lang="en">
3. <head>
4. <meta charset="utf-8">
5. <meta name="viewport" content="width=device-width, initial-scale=1">
6. <title>jQuery UI Accordion - Default functionality</title>
7. <link rel="stylesheet" href="//code.jquery.com/ui/1.12.0/themes/base/jquery-ui.css">
8. <link rel="stylesheet" href="//code.jquery.com/ajax.googleapis.com">
9. <script src="//code.jquery.com/jquery-1.12.4.js"></script>
10. <script src="//code.jquery.com/ui/1.12.0/jquery-ui.js"></script>
11. function() {
12.   $("#accordion").accordion();
13. }
14. </script>
15. </head>
```

Click headers to expand/collapse content that is broken into logical sections, much like tabs. Optionally, toggle sections open/closed on mouseover.

The underlying HTML markup is a series of headers (H3 tags) and content divs so the content is usable without JavaScript.
jQuery Widget

• See https://jqueryui.com/widget/ for examples available by only including the jQuery library.
  – Each has example and how to implement.
  – **NOTE:** While RiSE has jQuery already included, it is a customized implementation. To use these widgets you must include jQuery-ui.css for these to work.
jQuery Widget - Accordion

```html
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>jQuery UI Accordion - Default functionality</title>
<link rel="stylesheet" href="//code.jquery.com/ui/1.12.0/themes/base/jquery-ui.css">
<link rel="stylesheet" href="//resources/demos/style.css">
<script src="https://code.jquery.com/jquery-1.12.4.js"></script>
<script src="https://code.jquery.com/ui/1.12.0/jquery-ui.js"></script>
<script>
$( function() {
  $('#accordion').accordion();
});
</script>
</head>
<body>
</body>
</html>
```
jQuery Widget – 3rd Party

- 3rd party widgets build on the extensible nature of the jQuery Library.
  - Usually just need to include additional widget js file.
  - Both paid and free options are available.
  - [http://unslider.com/](http://unslider.com/)
  - When searching look for
    - Responsive!
    - Simpler the better
    - Good documentation/demos
jQuery Widget – Unslider
jQuery Widget – Unslider

Unslider is an ultra-simple jQuery slider for your website.

To get started using Unslider, just download the repo:

Download version 2.0.6.

After more customisation or documentation? Try the navigation above (or below). It’s also a demo of Unslider. The whole site is.
jQuery Widget – Unslider

Set up jQuery and Unslider.

Add a reference to both jQuery and Unslider right before the closing <body> tag like below, but:

1. Make sure jQuery is first! If not, you’ll get an error.
2. Make sure you put the right path to Unslider. If not, Unslider just won’t work.

<!-- There'll be a load of other stuff here -->
<script src="/code.jquery.com/jquery-2.1.4.min.js"></script>
<script src="/path/to/unslider.js"></script> <!-- but with the right path -->
</body>
jQuery Widget – Flexslider
jQuery Widget – Flexslider

Basic Slider

```javascript
// Can also be used with $(document).ready()
$(window).load(function() {
    $('.flexslider').flexslider({
        animation: "slide"
    });
});
```
jQuery Widget – Flexslider

```html
<!-- Place either at the bottom in the <head> of your page or inside your CSS -->
<style type="text/css">
  .flex-caption {
    width: 80%;
    padding: 2%;
    left: 0;
    bottom: 0;
    background: rgba(0,0,0,.5);
    color: #fff;
    text-shadow: 0 -1px 0 rgba(0,0,0,.3);
    font-size: 14px;
    line-height: 18px;
  }
</style>
```
jQuery Widget – Flexslider

```html
<!-- Place somewhere in the <body> of your page -->
<div class="flexslider">
<ul class="slides">
  <li>
    <img src="slide1.jpg" />
    <p class="flex-caption">Adventurer Cheesecake Brownie</p>
  </li>
  <li>
    <img src="slide2.jpg" />
    <p class="flex-caption">Adventurer Lemon</p>
  </li>
  <li>
    <img src="slide3.jpg" />
    <p class="flex-caption">Adventurer Donut</p>
  </li>
  <li>
    <img src="slide4.jpg" />
    <p class="flex-caption">Adventurer Caramel</p>
  </li>
</ul>
</div>
```
jQuery Widget

– Include the JS file: This is typically done in bottom of the Masterpage file just before the closing </body> tag.

– Instantiate the widget: Generally this will appear right after including the widget JS file in a <script> tag.

    jQuery(window).load(function() { 
        jQuery('.flexslider').flexslider({
            animation: "slide"
        });
    });

• NOTE: To avoid console errors it is a good idea to replace $ with jQuery in the script block.
jQuery Widget – Flexslider

```javascript
$(window).load(function() {
    $('.flexslider').flexslider({
        animation: "slide"
    });
});
```
jQuery Widget

- **Include the CSS:** Most widgets come with some CSS to control the default look and feel.
  
  - This CSS can be overrode by the zzCustom file.
  
    - Best practice is to not edit the widget CSS file. Override in the zzCustom file.
  
- **Place the html on the page:** Most widgets use semantic mark-up within a parent element with a unique class. This HTML can be placed in a Content HTML ipart on any page.

  ```html
  <div class="flexslider">
    <ul class="slides">
      <li>SLIDE CONTENT</li>
      <li>SLIDE CONTENT</li>
    </ul>
  </div>
  ```
Syndicate Content With Tagged List iPart

• The “Tagged List iPart” is used in tandem with tagging to syndicate content to different parts of your website.

• Can be used to:
  – Automatically update “News” section of the home page
  – Include a contact information at the bottom of Press Releases
  – Automatically generate list of links.

• Requires a bit of strategy to define what tags might be needed.

• Uses “Tagged list formats” to control output
  – Start with out-of-the-box options. Feel free to duplicate/customize to your own needs.

• BE CREATIVE! – Experiment with it and find other ways to use it.
Syndicate Content With Tagged List iPART

Create Tags

Tag Content or Folders

Create “Tagged List Format”

Add and Configure “Tagged List iPart” to a Page
Syndicate Content With Tagged List iPART

- Add “Tagged List iPart” to the page: ADD CONTENT > CONTENT TYPES CONTENT > CONTENT > CONTENT TAGGED LIST

- Configuration settings:
  - List Format
  - Title
  - Filter by
  - Sort by
  - Max Results
  - CSS for view all
  - Selected Tags
Relocate Content with jQuery

- Use jQuery "appendTo" to relocate the content of one div to another

```javascript
jQuery('.sbRelocate').appendTo('.SideBarRelocatePlaceHolder');
```

- Place in a `<script>` block and put on:
  - Masterpage for global capability
  - Page layout for use on several pages
  - In content HTML ipart for use on specific page.
Relocate Content with jQuery

- Create placeholder container with class="SideBarRelocatePlaceHolder" where you want to relocated content to show up.

- Add class="sbRelocate" to content you want relocated.
  - Page Layout
  - Zone Properties
  - Name of iPart
  - Within a content html iPart
  - Sitemap CSS Class
Relocate Content with jQuery

```javascript
jQuery('.sbRelocate').appendTo('.SideBarRelocatePlaceHolder');
```

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```html
<div class="SideBarRelocatePlaceHolder"></div>
```
Questions & Answers

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Questions & Answers

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Question:
Can the Tagged List iPart be used for things like showing the title of 3 press releases automatically in a specified order on the homepage with links to the full press release?
Questions & Answers

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Question:
Is it possible to modify the masterpage as an ASI cloud client?
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