

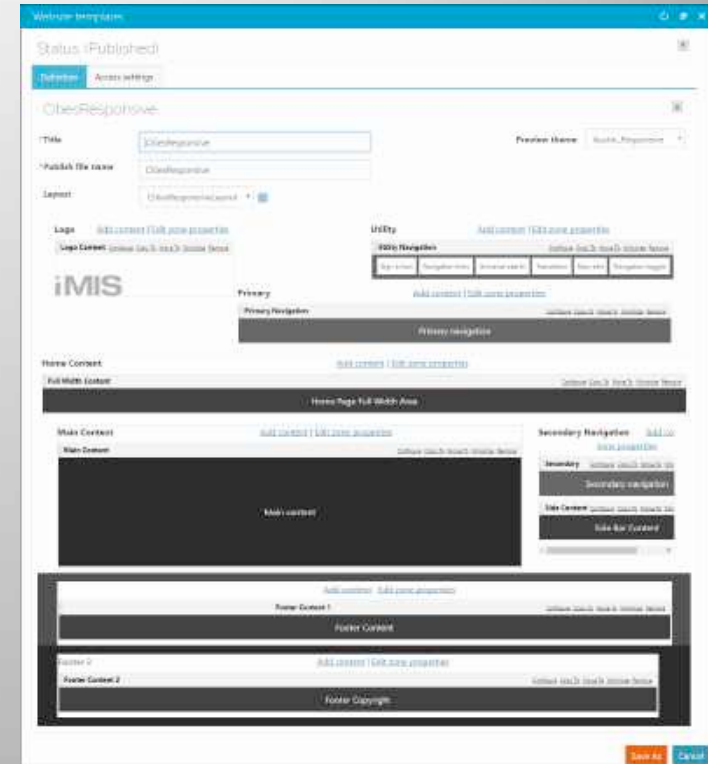
Getting The Most out of RiSE: Theme Builder Tips & Tricks

Presenter: Tipton Ramsay



Quick Theme Builder Primer

- Theme Builder is a massive leap forward for cloud customers. Allowing custom RiSE-built templates and ability to make adjustments to the sites “wireframe” **without needing remote access to the web server.**
- The concept of “[separation of content and formatting](#)” and “[semantic html mark-up](#)” is key to successful modern web design and development. Regardless of what system or CMS you use.
- Being **familiar with HTML, CSS, and Bootstrap** concepts is also necessary and will greatly increase your chances of being comfortable and successful in Theme Builder.



Theme Builder: Consider This

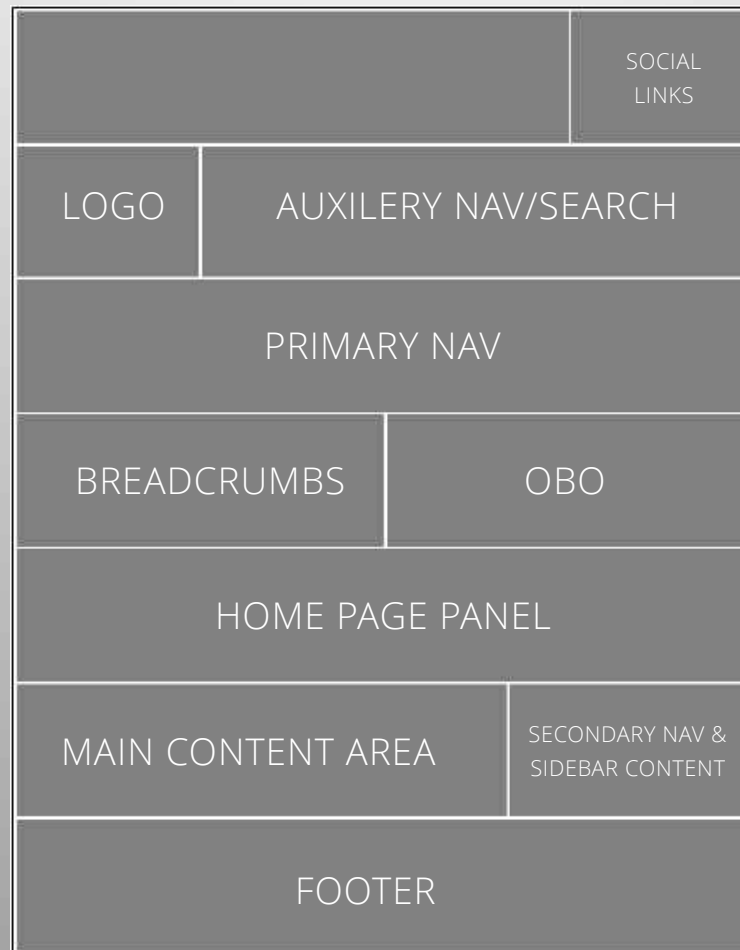
- If possible , use “/net/assets” folder and .scss(compiled css) files to generate a new custom theme rather than overwriting an OOTB theme. ***If you don't know what I'm talking about, ATS can help.***
- Because it is so undefined and flexible, it can also be more work to accomplish what is already done in an OOTB.
- **You drive it. Don't let it drive you!** - Understand the conceptual framework to be able to take maximum advantage and know where to go to accomplish the goal.
- Similar to content page layouts, the **website layout** defines how global elements will be organized.
- The **website template** defines what goes in the different areas of the layout(zones).



Know Where to Go!



Conceptualize the Layout



Build the Website Layout

Website layouts

Title
Theme Builder Webinar

Description

Tool Box

Row:
2 Column (75/25)

Row: [X]
2 Column (25/75)

Row: [X]
1 Column (100)

Row: [X]
2 Column (50/50)

Row: [X]
1 Column (100)

Row: [X]
2 Column (66/33)

Row: [X]
1 Column (100)

Add Row

Create custom layout

Save **Cancel**

Build the Website Layout

The screenshot displays the 'Website layouts' interface. On the left is a configuration panel with the following sections:

- Title:** Theme Builder Webinar
- Description:** (empty text box)
- Tool Box:** A list of rows with column configurations:
 - Row: 2 Column (75/25)
 - Row: [X] 2 Column (25/75)
 - Row: [X] 1 Column (100)
 - Row: [X] 2 Column (50/50)
 - Row: [X] 1 Column (100)
 - Row: [X] 2 Column (66/33)
 - Row: [X] 1 Column (100)
- Add Row** button

On the right is a layout diagram with the following sections:

- SOCIAL LINKS
- LOGO | AUXILERY NAV/SEARCH
- PRIMARY NAV
- BREADCRUMBS | OBO
- HOME PAGE PANEL
- MAIN CONTENT AREA | SECONDARY NAV & SIDEBAR CONTENT
- FOOTER

At the bottom right of the interface are **Save** and **Cancel** buttons. A link labeled 'Create custom layout' is located below the layout diagram.

OOTB Theme Builder Template

- Title

- Publish file name

Layout

Preview theme

Logo [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Utility [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Primary [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Home Content [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Main Content [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

On Behalf Of [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Secondary Navigation [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

[Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Footer 2 [Add content](#) | [Edit zone properties](#)
To add content, click the "add content" link above.

Customize It. Be Creative!

```
<div id="masterwrapper" class="wrapper">
  <header id="hd" class="header ClearFix navbar" data-height-offset="true">
    <div class="header-top-container">
      <div class="header-container">
        <div id="masterLogoArea" class="header-logo-container pull-left" data-label="Logo">
          <p>1</p>
        </div>
        <div class="navbar-header nav-auxiliary pull-right" id="auxiliary-container" data-label="Utility">
          <p>2</p>
        </div>
      </div>
    </div>
    <div class="header-bottom-container">
      <div class="header-label-container">
        <div data-label="Primary" class="clear-right">
          <p>3</p>
        </div>
      </div>
    </div>
  </header>
  <div id="HomePageContent" class="HomePageFullWidthArea" data-label="Home Content">
    <p>4</p>
  </div>
  <div id="masterContentArea" class="container">
    <div role="main" class="body-container" id="ContentPanel">
      <div data-label="On Behalf Of" class="pull-right">
        <p>5</p>
      </div>
      <div class="col-primary" data-label="Main Content">
        <p>6</p>
      </div>
      <div data-label="Secondary Navigation" class="col-secondary cs-right">
        <p>7</p>
      </div>
    </div>
  </div>
  <footer id="ft" class="footer">
    <div class="footer-content ClearFix">
      <div class="container" data-label="Footer 1">
        <p>8</p>
      </div>
      <div class="footer-nav-copyright">
        <div class="container" role="navigation">
          <div class="footer-copyright" data-label="Footer 2">
            <p>9</p>
          </div>
        </div>
      </div>
    </div>
  </footer>
</div>
```

```
<div>
  <div class="row">
    <div class="col-sm-9">
      <p>1</p>
    </div>
    <div class="col-sm-3">
      <p>2</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-3">
      <p>3</p>
    </div>
    <div class="col-sm-9">
      <p>4</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-12">
      <p>5</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-6">
      <p>6</p>
    </div>
    <div class="col-sm-6">
      <p>7</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-12">
      <p>8</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-8">
      <p>9</p>
    </div>
    <div class="col-sm-4">
      <p>10</p>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-12">
      <p>11</p>
    </div>
  </div>
</div>
```

Following Best Practices Pays Off

- When combined with **clean semantic HTML mark-up**, **CSS is an extremely powerful tool** and is the backbone of how a website looks and responds to different devices.
 - **Create a sandbox micro-site** to develop your ideas in a safe place.
- **Add custom classes** to content pages > properties tab > “Page container CSS class” to override default styles and allow a page to diverge from default when necessary.
- **Browser support for advanced CSS features used to be very spotty, but now is fairly standardized.**
 - Use analytic data and <https://caniuse.com/> to make strategic decisions.
 - If a feature is not fully supported, make it “Gravy”....or what we used to call “graceful degradation” in the early days.
- **Some things to try:**
 - CSS effects and animations e.g. transforms/transitions
 - jQuery UI element effects and animations, re-location.
 - Layering effects e.g. parallax scroll, sticky page components, back to top

Synergy With CSS, HTML & jQuery

- **[CSS effects and animations](#) e.g. transforms/transitions**
 - This is pretty advanced CSS, but if done right, you can enhance the user experience while optimizing the web site and minimizing page download sizes.
- **[jQuery UI](#) element effects and animations**
 - Tabs, accordions, tooltips, etc.
- **Layering effects eg. parallax scroll, sticky page components, back to top**
 - I recently have been experimenting with all of this on on the [ATS website - www.atsol.org](#)
- <https://www.w3schools.com/> is a **great reference and resource for tutorials** to help you learn. Google it! There are tons of articles on fun and creative ways to enhance your website.

So. With All That In Mind...

Let's look at some specific examples of how to bend Theme Builder to our will.



Bootstrap Grid Mark-Up is Key to Understanding Responsive

- Bootstrap is based on 12 column grid.
- Made up of containers, rows, and columns and breakpoints

```
<div class="container">  
  <div class="row">  
    <div class="col-sm-6 col-md-4">  
      Takes up 4 of the 12 columns down to the "medium" breakpoint,  
      below it will take of up 6 of the 12 columns.  
    </div>  
    <div class="col-sm-6 col-md-4">  
      Takes up 4 of the 12 columns down to the "medium" breakpoint,  
      below it will take of up 6 of the 12 columns.  
    </div>  
    <div class="col-sm-12 col-md-4">  
      Takes up 4 of the 12 columns down to the "medium" breakpoint,  
      below it will take of up 12 of the 12 columns making this  
      box wrap to the next line and take up the full 12 columns.  
    </div>  
  </div>  
</div>
```

Go Wider: Learn Bootstrap

- [Go Wider](#) – Use bootstrap to take advantage larger screens.

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Client Testimonials

ARE YOU READY FOR iMIS CLOUD?

Why Upgrade to iMIS CLOUD?

- Get New Features
- Drop Automatic Updates
- Seamless Integration with iMIS20
- Better Email Security
- Backup IT Expense
- Powered by Microsoft Azure

Client Testimonials

"With just a few custom parts, the experts at ATS unlocked the full capabilities of an out-of-the-box iMIS20 site for iMIS. Better yet, the entire process was cost-effective and stress-free."
— Michele Morgan, International Executive Director, iMIS

"Working with ATS has truly been a pleasure. We were on a very tight schedule because our old database was being eliminated within six months. ATS got us up and running before our old database was gone and was helpful in getting us up to the new iMIS database in even more useful."
— Tj Corbett, Director, Member Engagement Customer Service in America

"ATS understood our needs and was able to meet them right out of the box, implementing everything in iMIS. Very quickly, with minimal downtime and no real problems. We were up and running with a website we can really be proud of."
— Greg Wheeler, Director of Information Technology, American Coy. Waterman Bar Association

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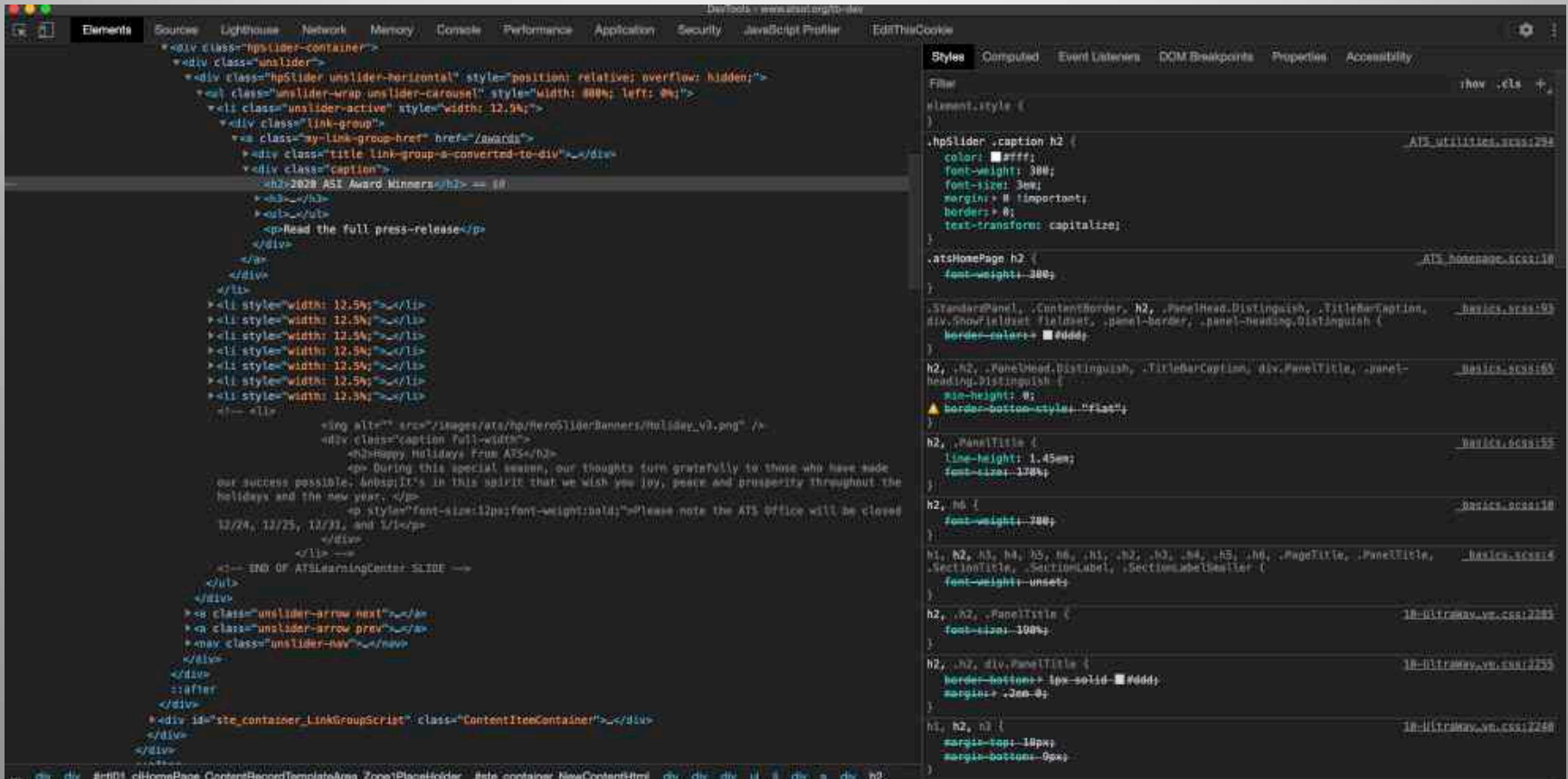
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Browser Developer Tools



Toggle Content If Authenticated

- Turn off a horizontal row with welcome text and login form

```
<script>

var AuthenticatedFlag = jQuery("#__ClientContext").attr('value');
console.log(AuthenticatedFlag);
if (AuthenticatedFlag.indexOf('"isAnonymous":false') > 1) {
    jQuery("body").addClass("authenticated");
    console.log("User is authenticated");
}
else {
    jQuery("body").addClass("not-authenticated");
    console.log("User is NOT authenticated");
}

</script>

<style>

/* Hide Welcome row if user is logged in. */
body.authenticated .welcome-row {
    display: none;
}

</style>
```


Don't Waste Bandwidth

- Lightweight tiling image background solutions – multiple small background images layered
 - [Cicada Principle](#)
 - [Cicada Principle and CSS](#)
- [Responsive Images](#). Swap out images on mobile devices to save bandwidth and optimize for device.

```
<picture>  
  <source srcset="extralarge.jpg" media="(min-width: 1000px)">  
  <source srcset="large.jpg" media="(min-width: 800px)">  
  <img srcset="medium.jpg" alt="...">  
</picture>
```

Get Creative With Theme Builder

- Get Creative with Theme builder
 - Global Banners and Alerts rather than just home page.
 - Drag and drop horizontal rows for easy reorder horizontal rows and toggle content off/on.

The image displays a screenshot of the Theme Builder interface, illustrating the process of creating and configuring content rows. The interface is divided into several key sections:

- Content gallery:** A sidebar on the left lists various content types under the 'ContentTypes' folder, including Commerce, Communities, Contact, Content, Custom, Groups, and Marketing. A red arrow points to the 'Content Display' item, which is highlighted in a red box. A tooltip for 'Content Display' states: 'Displays a selected content record in the website's template. Use it to place where the content will appear.'
- Configure iPart - Content Display:** A configuration panel for the selected content type. It features a 'Name' field with the value 'New ContentDisplayCommon' and an 'iPart CSS class' field.
- Row Editor:** A central area showing a grid of content rows. Each row is labeled and includes configuration options (Configure, Copy To, Move To, Minimize, Remove):
 - row A:** Home Page Wide Aside
 - row C:** Home Page Full Width Promo
 - row B:** Home Page Featured Products

Work Smart, Not Hard!

- Every page should have an H1 for SEO and screen readers.
- Another example of best practices and semantic mark-up helping you work smart.
- Instead of creating the H1 manually, use jQuery to create and populate the H1 tag automatically based on the name of the page (content record).

```
<script>
  //Find PageTitlePlaceholder and then create a nested h1 tag on the fly
  jQuery('.int-banner .container').prepend(window.jQuery('<h1></h1>').attr('class', 'PageTitlePlaceholder'));
  // Get page title and populate h1.PageTitlePlaceholder
  jQuery("h1.PageTitlePlaceholder").append(jQuery("title").html());
</script>
```

Validate With Analytics

The screenshot shows the Google Search Console interface for the URL <https://www.atsol.org/>. The 'Mobile Usability' report is displayed, showing 0 errors and 99 valid items. The source is identified as 'Smartphone crawler' and the report was last updated on 8/2/20. A sidebar on the left contains navigation options such as Overview, Performance, URL Inspection, Index, Coverage, Sitemaps, Removals, Enhancements, Core Web Vitals, Mobile Usability, Security & Manual Actions, Legacy tools and reports, Links, Settings, Submit feedback, and About new version.

The screenshot shows the PageSpeed Insights homepage. The main heading is 'Make your web pages fast on all devices'. Below this is a search bar with the placeholder text 'Enter a web page URL' and an 'ANALYZE' button. The page features several sections: 'What's New' with a link to 'Google Webmaster Central posts about performance & speed', 'Web Performance' with a link to 'Learn more about web performance tools at Google', 'Give Feedback' with a link to 'Stack Overflow', and 'About PageSpeed Insights' with a link to 'Learn more'.

ASI Documentaion

- http://help.imis.com/imis2017/Features/RiSE/Theme_Builder/Theme_Builder.htm

Q & A

Please feel free to contact us with any follow-up questions.

info@atsol.org

www.atsol.org

720.945.7252

