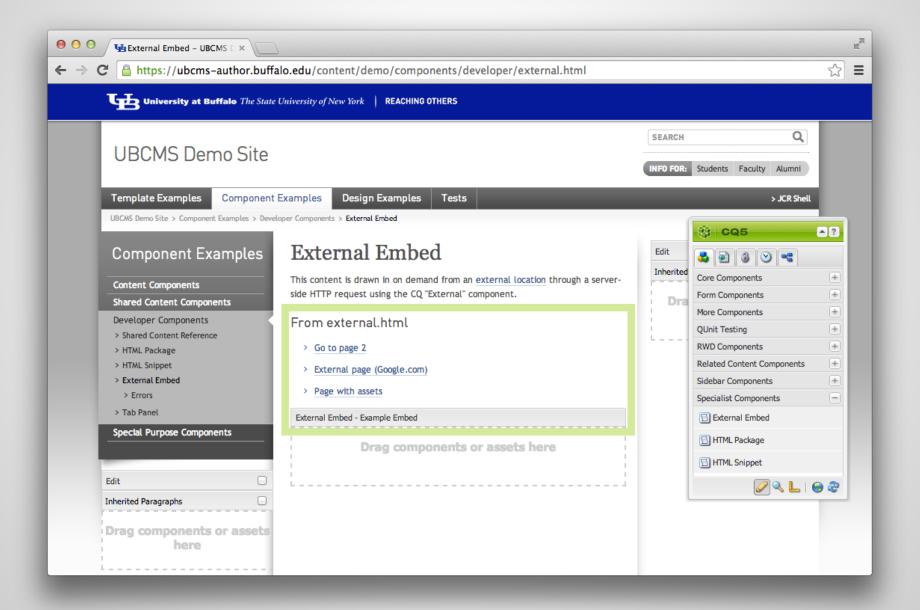
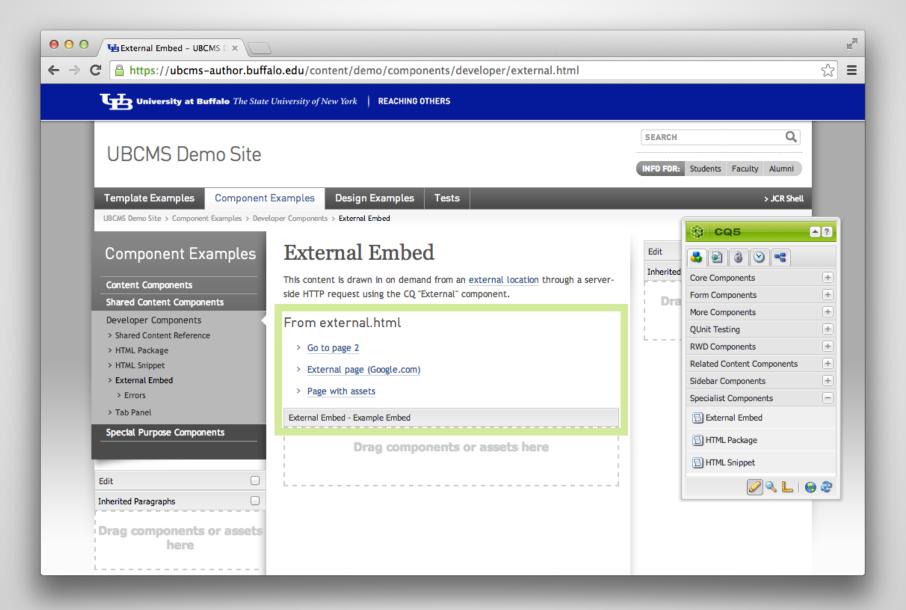
# UBCMS Master Class **External Embed**

Kevin Eye - 5/8/2014

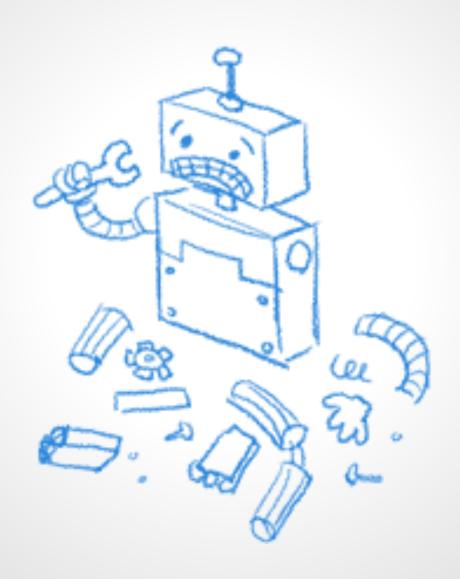
#### What is the External Embed?



### Why do we need it?



# Why do we need it?

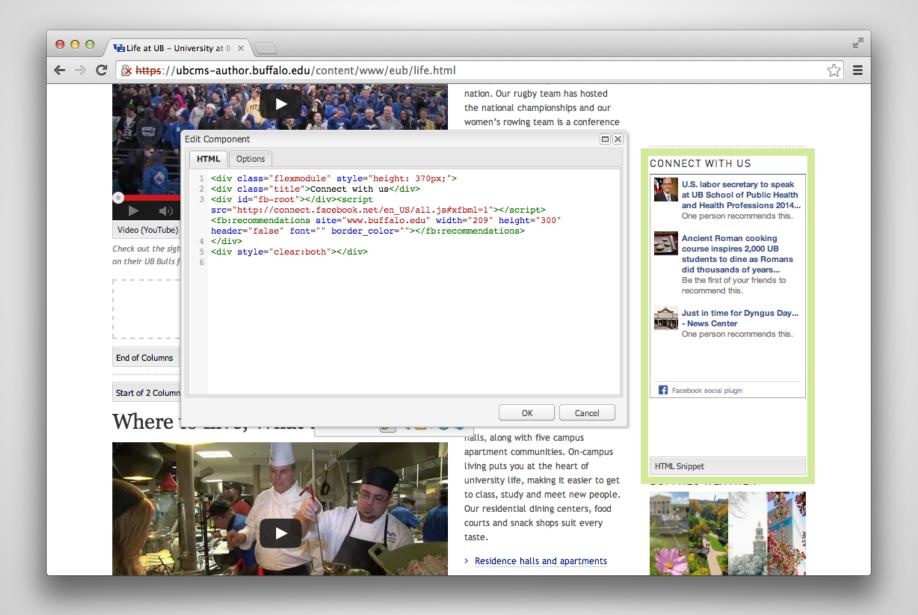


#### Alternatives

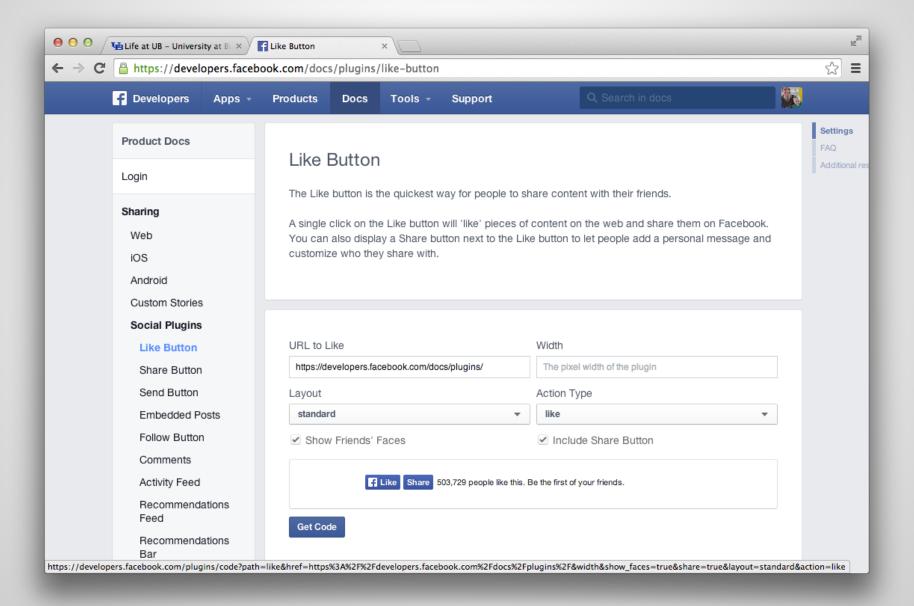
- HTML Component
- <iframe>
- AJAX
- REST API

   (use CMS pieces in your app)

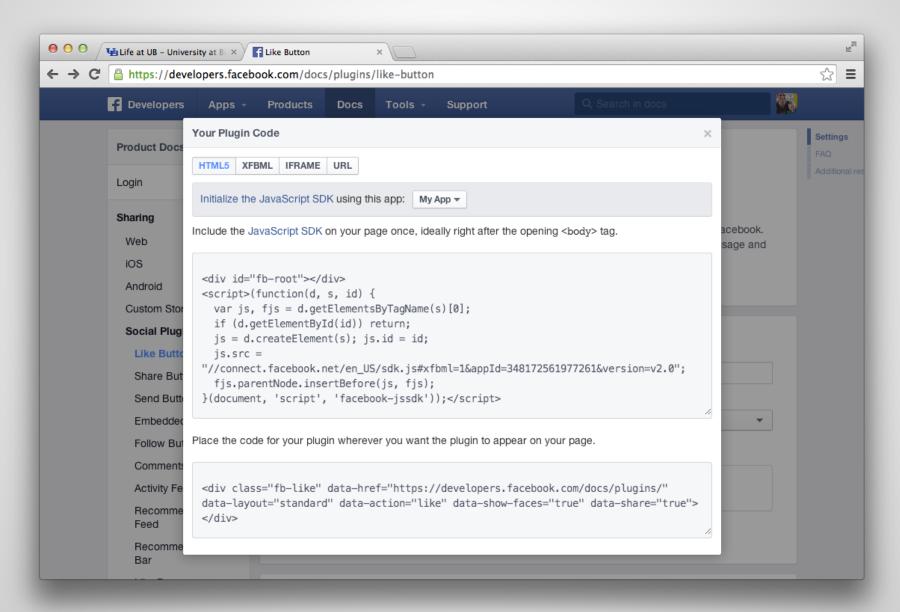
#### **HTML Component**



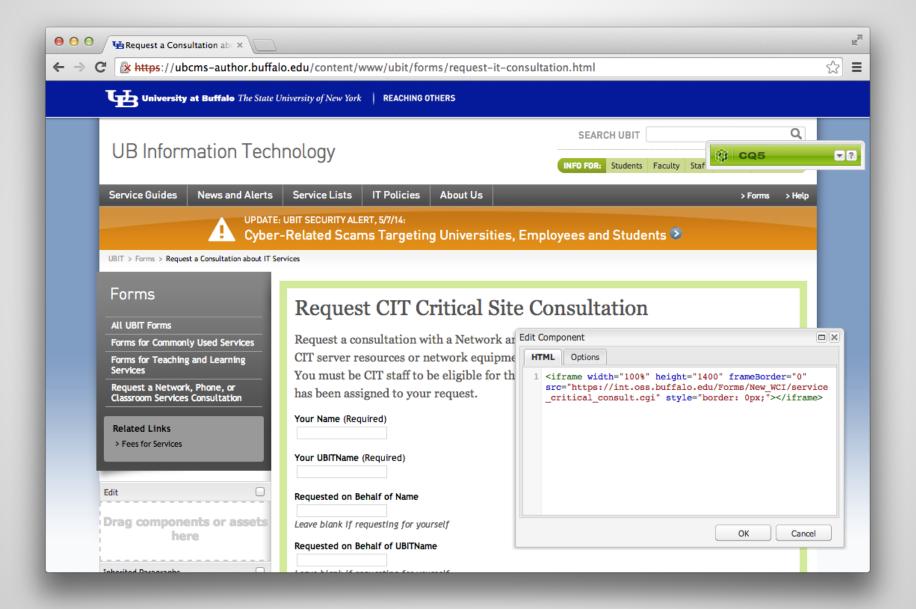
#### **HTML Component**



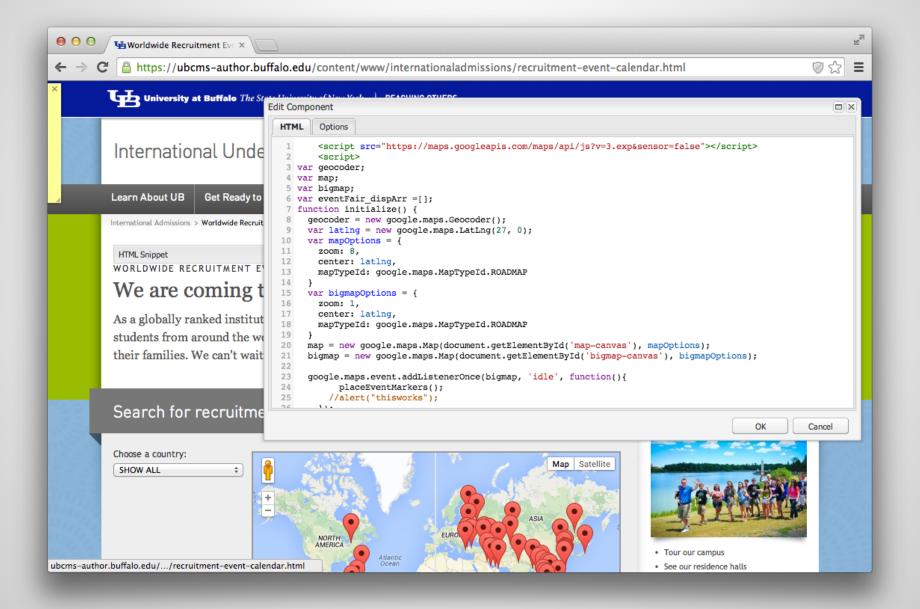
#### **HTML Component**



#### <iframe>



#### **AJAX**



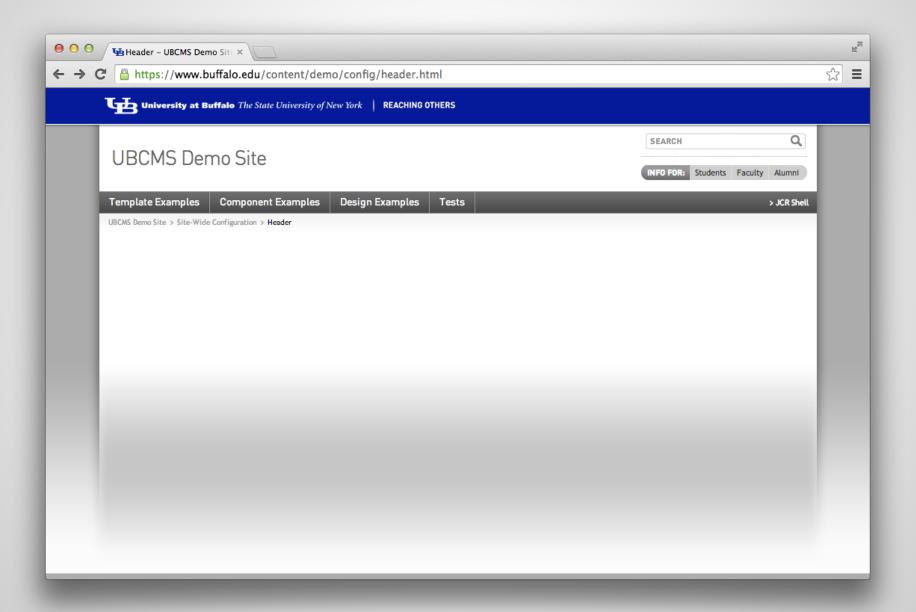
REST API allows direct access to individual component HTML or data.

Cache UBCMS-managed content on your server and include it in your app:

- Header
- Navigation
- Shared content

Directly reference UBCMS assets:

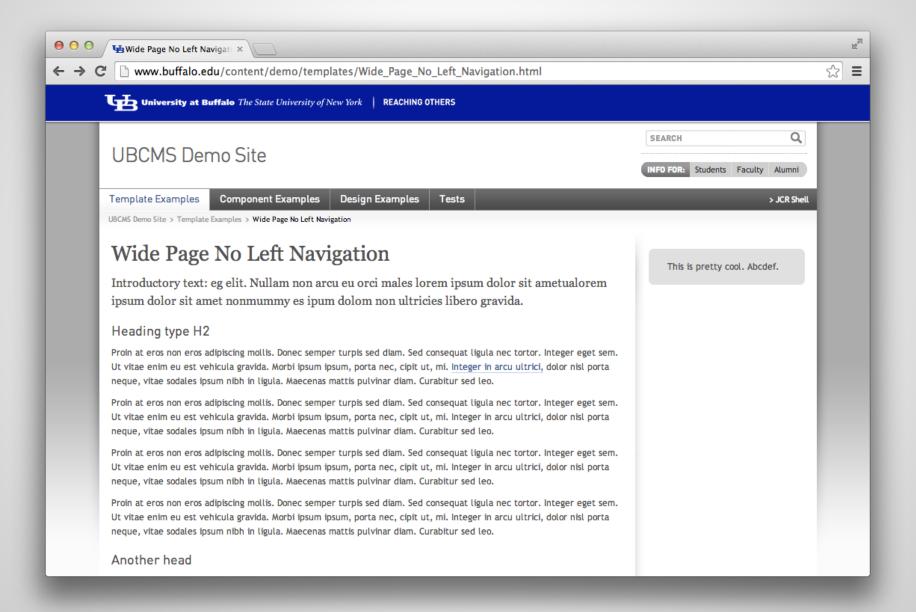
- CSS
- Images



```
127
\Theta \Theta \Theta
        Header - UBCMS Demo Site X
                               ₩view-source:https://www...×
          view-source:https://www.buffalo.edu/content/demo/config/header/jcr:content/par.html
  <div class="departmentheader section"><div class="inner">
      <div class="title"><a href="/content/demo.html">UBCMS Demo Site</a></div>
      <div class="header-search"><div class="search"><div class="fields">
  <form id="searchform-382179" name="gs" method="GET" action="/content/demo/components/special/searchresults.html" onsubmit="return
  (this.g.value == '') ? false : true: ">
      <div class="field-bg">
          <label id="searchform-382179-label" for="searchform-382179-input">Search/label>
          <input id="searchform-382179-input" autocomplete="off" type="text" name="q" value="" class="type-text" />
          <input type="submit" value=" " class="type-submit" />
      </div>
      </form>
  </div>
13
  <script type="text/javascript">
  (function($) {
      var swapout = function() {
          $('#searchform-382179-label').hide();
17
18
      var swapin = function() {
19
          if($('#searchform-382179-input').val() == '') $('#searchform-382179-label').show();
20
21
      $('#searchform-382179-label').click(swapout);
22
23
      $('#searchform-382179-input').focus(swapout);
      $('#searchform-382179-input').blur(swapin);
24
25
      swapin();
26
27
      $(document).ready(function() {
          $('#searchform-382179').sSugessions({baseURL:
28
   '/content/demo/components/special/searchresults/ jcr content/par/searchresults', site: 'UB', client: 'ubcms'});
29
  })(jQuery);
31 </script>
32 </div>
33 </div>
          <div class="parbase list headernav"><div class="header-info-for-nav-container">
  <div class="header-info-for-nav-line"></div>
36 <div class="header-info-for-nay">
37 
         38
          <div>Info For:</div>
39
40
          41
          <a class="header-info-for-nay-first" href="/content/demo/designs/flex.html">Students</a>
```

```
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          Header - UBCMS Demo Site X
                                     ₩view-source:https://www...×
            view-source:https://www.buffalo.edu/content/demo/config/header/jcr:content/par/topnav.html
1 <div class="topnav-inner">
       <div class="main"><a href="/content/demo/templates.html"><span class="container">Template
   Examples</span></a><div class="topnav-submenu-container"><a
   href="/content/demo/templates/three column withimage.html">Standard Page with Right Sidebar</a><a
   href="/content/demo/templates/two column.html">Wide Page</a><a href="/content/demo/templates/gallery page.html">Gallery page.html
   Page</a>a href="/content/demo/templates/news and events list.html">News and Events List</a>a
   href="/content/demo/templates/gateway.html">Standard Page with Banner Image</a><a
   href="/content/demo/templates/contact form.html">Contact Form</a><a href="/content/demo/templates/one column.html">One
   Column Page</a>a href="/content/demo.html">Redirect</a>i><a href="http://www.google.com">External Redirect</a>
   <a href="/content/demo/templates/home pages.html">Home Pages</a><a href="/content/demo/templates/home pages.html">Home Pages</a></a></a>
   href="/content/demo/templates/archived templates.html">Archived Templates//a><a
   href="/content/demo/templates/Wide_Page_No_Left_Navigation.html">Wide Page No Left Navigation</a>
   href="/content/demo/templates/wide-no-nav-with-banner.html">Wide no Nav with Banner</a>class="last"><a
   href="/content/demo/templates/blog.html">UBCMS Blog Prototype</a><div class="relatedLinks relatedLinks reference"><div
   class="nav-related-links">
 3 <div class="subnav-title">Related Links</div>
   <div class="par parsys"><div class="relatedlinks parbase list section">>>>
            <div class="page contentpage"><span class="teaser teaser-inline">
       <a href="/content/demo/components.html"><span class="teaser-inner">
            <span class="teaser-date">4/24/14</span>
            <span class="teaser-title">Components</span>
            </span>
       </a></span>
10
  </div>
12 
13 </div>
14 </div>
15 </div>
16 </div>
17 </div>17 </div>17 </div>17 </div>20 mponent Examples</span></a><div class="topnav-
   submenu-container"><a href="/content/demo/components/content.html">Content
   Components</a><div class="topnav-submenu-children-container list">
   <a href="/content/demo/components/content/titles.html">Title</a><a
   href="/content/demo/components/content/calltoactionpage.html">Call To Action</a><a
   href="/content/demo/components/content/image.html">Photo</a><a href="/content/demo/components/content/zoom.html">Photo:
   Zoom</a>a href="/content/demo/components/content/floatedimage.html">Photo: Float</a>a href="/content/demo/components/content/floatedimage.html">Photo: Float</a></a>
   href="/content/demo/components/content/gallery.html">Photo Gallery</a><a href="/content/demo/components/content/photo-
   slideshow.html">Photo Slideshow</a><a href="/content/demo/components/content/list.html">List Builder</a><a
   href="/content/demo/components/content/directorylist.html">Directory List</a><a
   href="/content/demo/components/content/divider.html">Divider</a><a
   href="/content/demo/components/content/columns.html">Column Control</a><a
   href="/content/demo/components/content/assetstoolpage.html">Related Content Components</a><a
   href="/content/demo/components/content/flexmodule.html">Flex Module</a><a
  href="/content/demo/components/content/voutubevideo.html">YouTube Video</a><a
```

```
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         Header - UBCMS Demo Site × Hhttps://www.buffalo.edu/c ×
          https://www.buffalo.edu/content/demo/jcr:content.sitemap.json
                                                                                                                              + - View source #
  title: "UBCMS Demo Site",
  url: "http://www.buffalo.edu/content/demo.html",
 - children: [
    - {
          title: "Template Examples",
          url: "http://www.buffalo.edu/content/demo/templates.html",
        - children: [
            - {
                 title: "Standard Page with Right Sidebar",
                 url: "http://www.buffalo.edu/content/demo/templates/three_column_withimage.html"
             },
                 title: "Wide Page",
                 url: "http://www.buffalo.edu/content/demo/templates/two column.html"
             },
                 title: "Gallery Page",
                 url: "http://www.buffalo.edu/content/demo/templates/gallery page.html"
             },
            - {
                 title: "News and Events List",
                 url: "http://www.buffalo.edu/content/demo/templates/news and events list.html"
             },
                 title: "Standard Page with Banner Image",
                 url: "http://www.buffalo.edu/content/demo/templates/gateway.html"
             },
            - {
                 title: "Contact Form",
                 url: "http://www.buffalo.edu/content/demo/templates/contact form.html"
             },
                 title: "One Column Page",
                 url: "http://www.buffalo.edu/content/demo/templates/one column.html"
             },
                 title: "Redirect",
                 url: "http://www.buffalo.edu/content/demo.html"
```





#### Wide Page No Left Navigation

Introductory text: eg elit. Nullam non arcu eu orci males lorem ipsum dolor sit ametualorem ipsum dolor sit amet nonmummy es ipum dolom non ultricies libero gravida.

#### Heading type H2

Proin at eros non eros adipiscing mollis. Donec semper turpis sed diam. Sed consequat ligula nec tortor. Integer eget sem. Ut vitae enim eu est vehicula gravida. Morbi ipsum ipsum, porta nec, cipit ut, mi. Integer in arcu ultrici, dolor nisl porta neque, vitae sodales ipsum nibh in ligula. Maecenas mattis pulvinar diam. Curabitur sed leo.

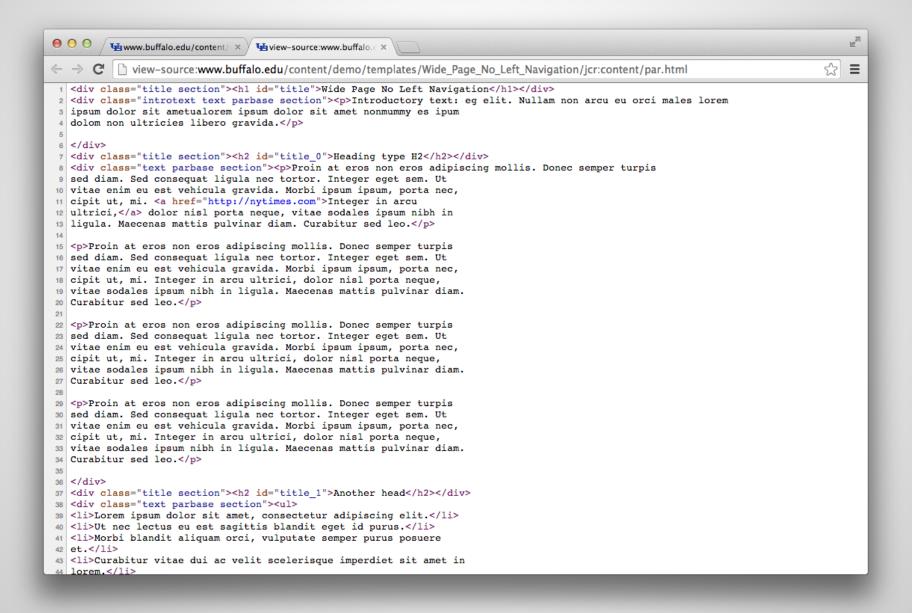
Proin at eros non eros adipiscing mollis. Donec semper turpis sed diam. Sed consequat ligula nec tortor. Integer eget sem. Ut vitae enim eu est vehicula gravida. Morbi ipsum ipsum, porta nec, cipit ut, mi. Integer in arcu ultrici, dolor nisl porta neque, vitae sodales ipsum nibh in ligula. Maecenas mattis pulvinar diam. Curabitur sed leo.

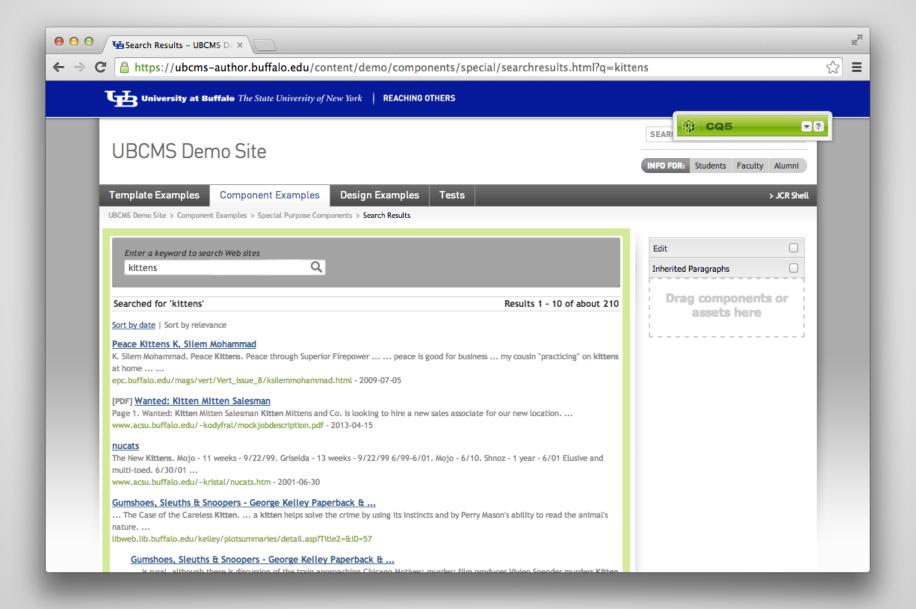
Proin at eros non eros adipiscing mollis. Donec semper turpis sed diam. Sed consequat ligula nec tortor. Integer eget sem. Ut vitae enim eu est vehicula gravida. Morbi ipsum ipsum, porta nec, cipit ut, mi. Integer in arcu ultrici, dolor nisl porta neque, vitae sodales ipsum nibh in ligula. Maecenas mattis pulvinar diam. Curabitur sed leo.

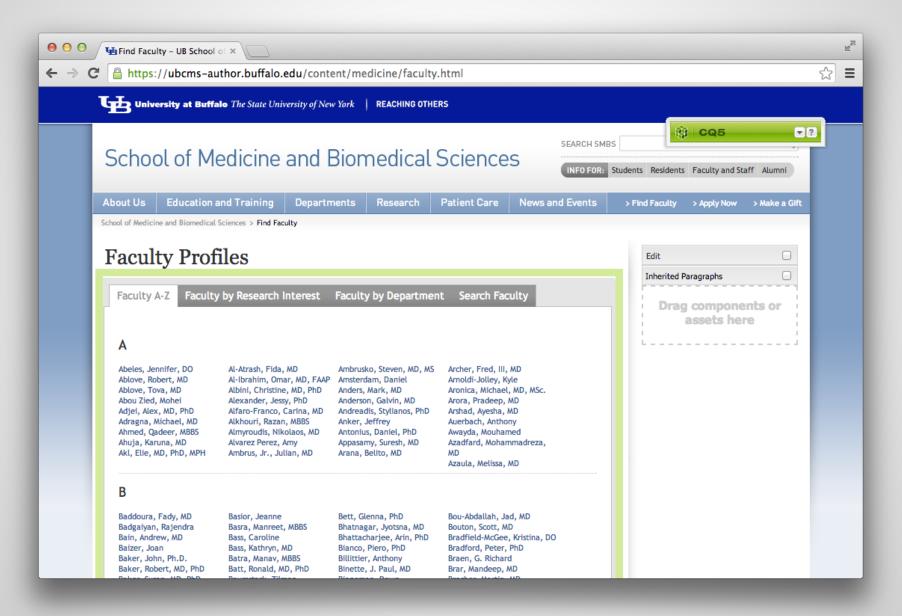
Proin at eros non eros adipiscing mollis. Donec semper turpis sed diam. Sed consequat ligula nec tortor. Integer eget sem. Ut vitae enim eu est vehicula gravida. Morbi ipsum ipsum, porta nec, cipit ut, mi. Integer in arcu ultrici, dolor nisl porta neque, vitae sodales ipsum nibh in ligula. Maecenas mattis pulvinar diam. Curabitur sed leo.

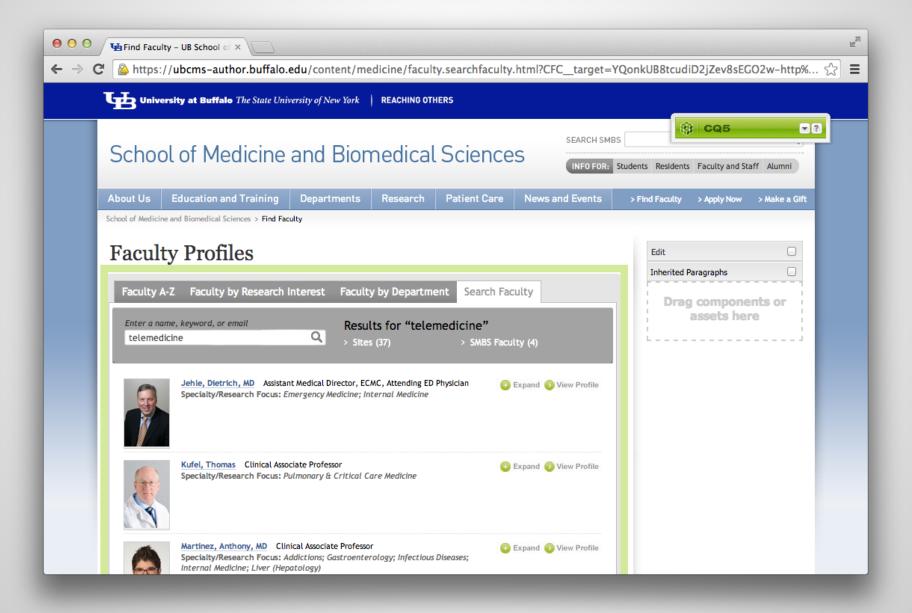
#### Another head

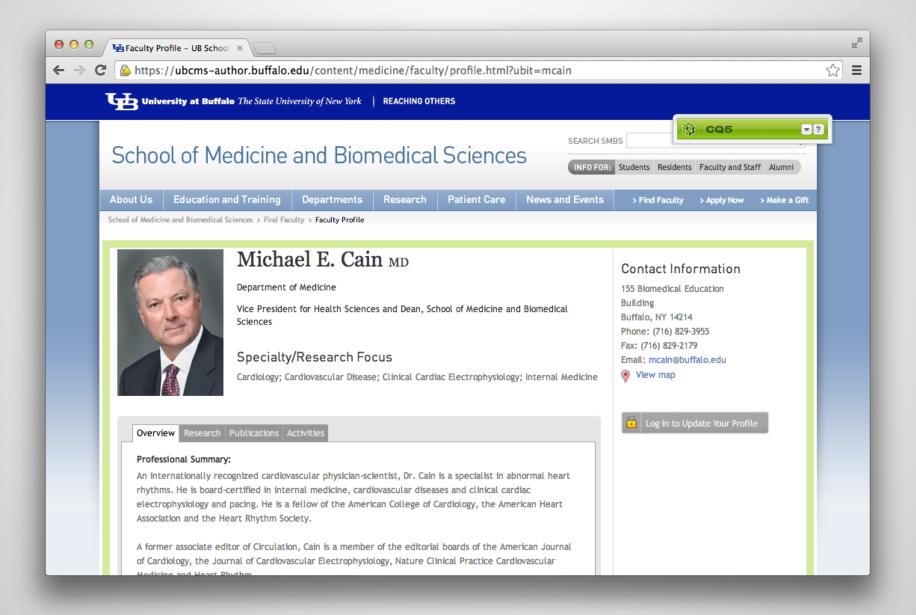
- · Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- · Ut nec lectus eu est sagittis blandit eget id purus.
- · Morbi blandit aliquam orci, vulputate semper purus posuere et.
- Curabitur vitae dui ac velit scelerisque imperdiet sit amet in lorem.
- Nullam in massa odio, sit amet gravida ipsum.

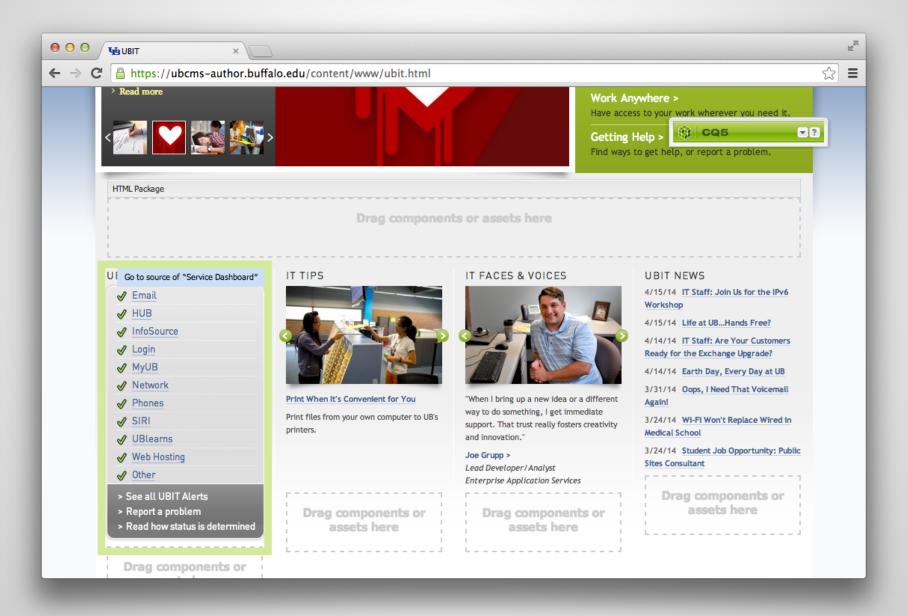


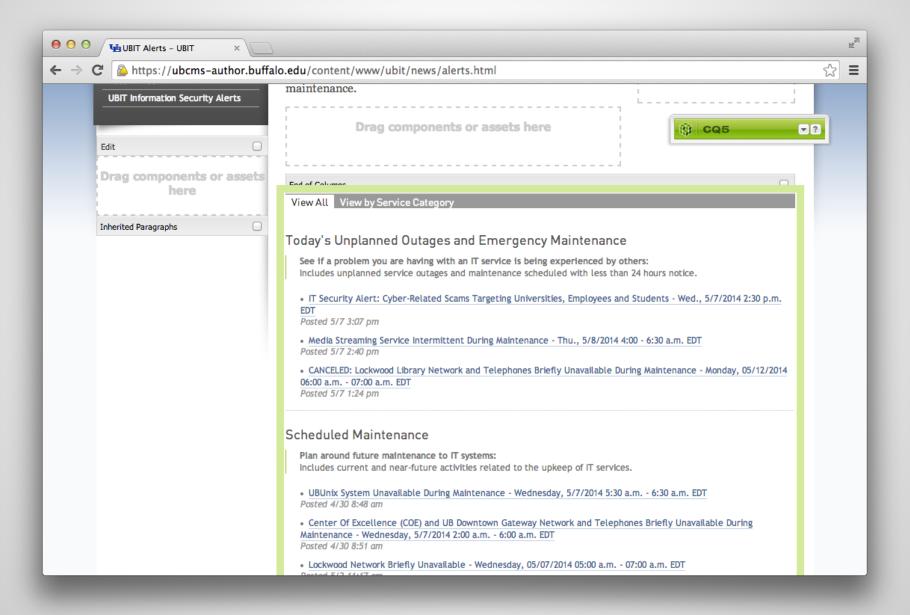




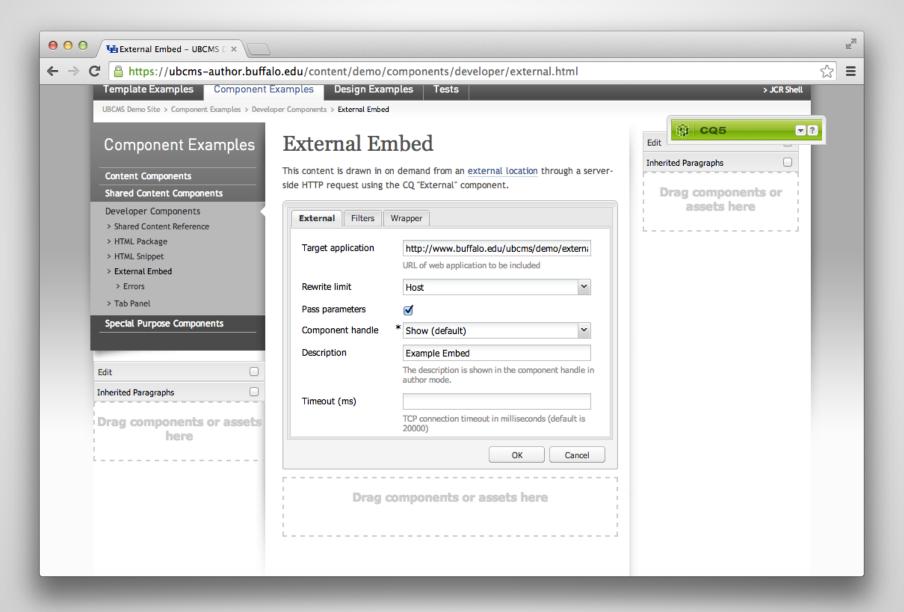




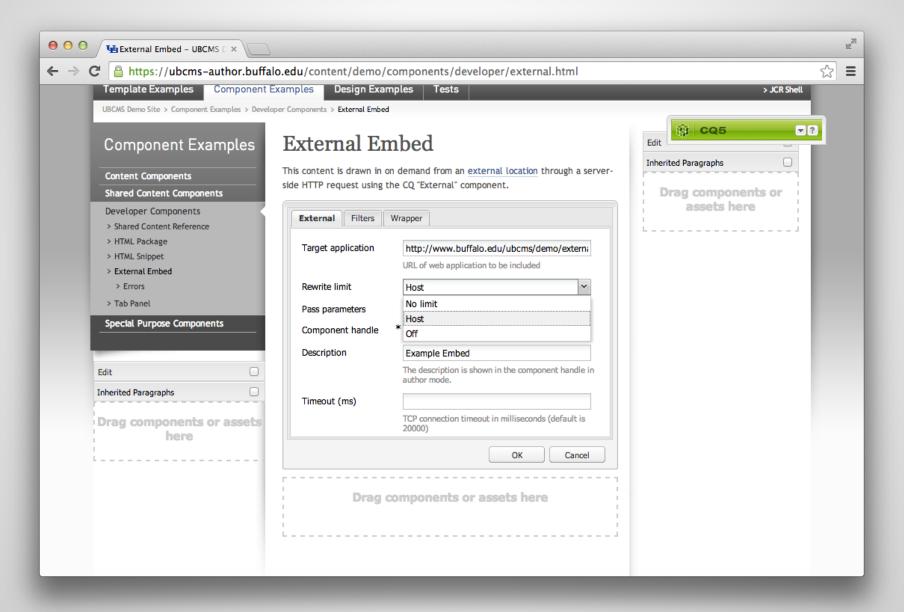




### Settings



### Settings



### Rewrite Limit Setting

#### Off

- all embedded links leave UBCMS

#### Host

- links outside your app leave UBCMS

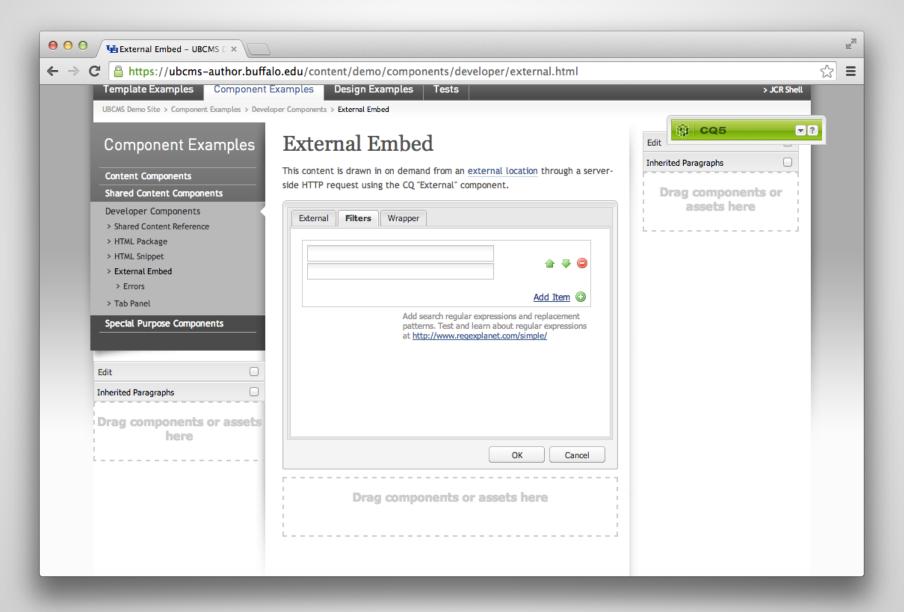
#### No limit

- all clicks stay within UBCMS

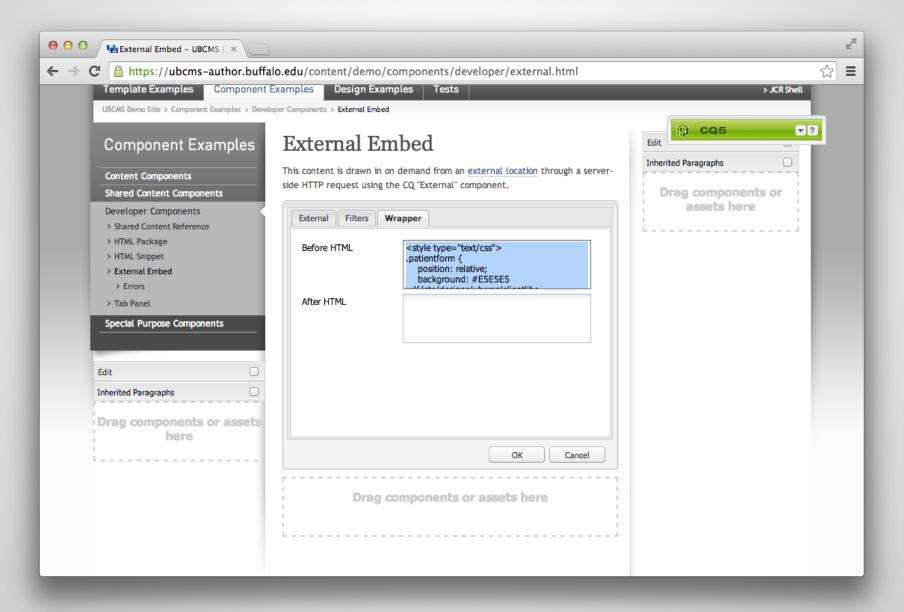
### Rewrite Limit Setting

- Off
  - simple piece of content
- Host
  - multi-page app
- No limit
  - unsafe

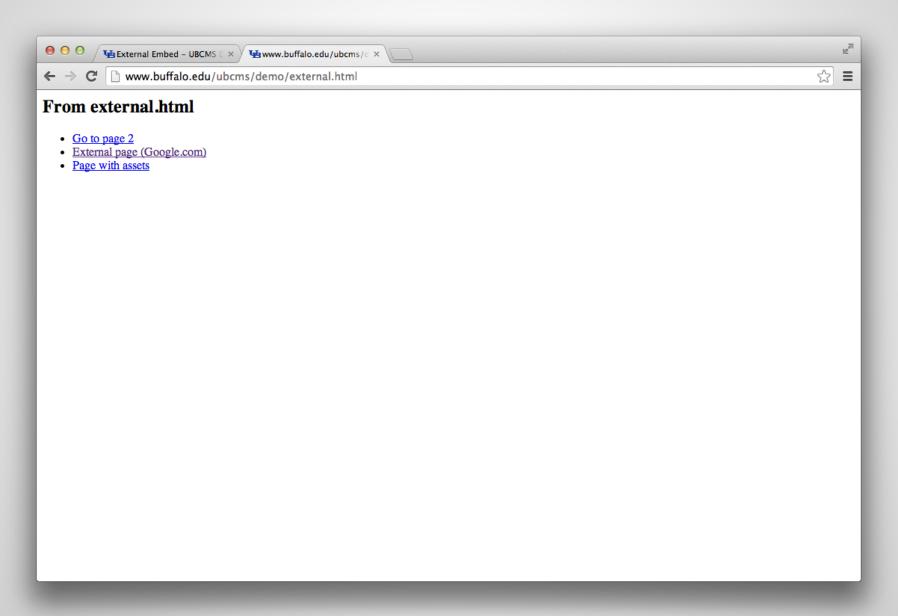
### Settings

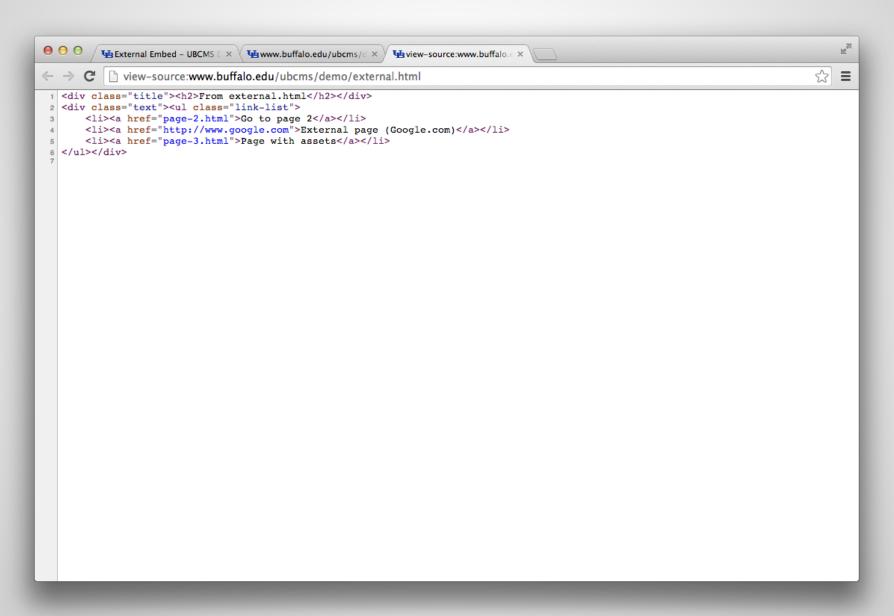


### Settings



- HTML fragment
- External assets (CSS, images, etc.)
- Matching UBCMS look and feel
- Link rewriting
- Forms and parameters





```
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                 External Embed - UBCMS D X
                                                         ₩ view-source:www.buffalo.∈ ×
                                                                                                 www.buffalo.edu/ubcms/d ×
                  view-source:www.buffalo.edu/content/demo/components/developer/external.html
            background: url(/etc/designs/ubcms/clientlibs-main/images/button-default-cap-on.png) rig //ubcms/demo/external.ht1 of 1
235
            text-decoration: none:
236
237 </style><!-- external request: GET http://www.buffalo.edu/ubcms/demo/external.html --><div class="title"><h2>From external.html</h2>
     <div class="text">
            <a href="/content/demo/components/developer/external.html?CFC target=DLullcGUqu4gDwL3kRT80v0SBs-</li>
     http%3A%2F%2Fwww.buffalo.edu%2Fubcms%2Fdemo%2Fpage-2.html">Go to page 2</a>
            <a href="http://www.google.com">External page (Google.com)</a>
            <a href="/content/demo/components/developer/external.html?CFC" target=bCxYBxALurmlxMkCFnu7dkFPJSg-</li>
     http%3A%2F%2Fwww.buffalo.edu%2Fubcms%2Fdemo%2Fpage-3.html">Page with assets</a>
242 </div></div>
243 </div>
     <div class="mobile-content-bottom" data-set="content-bottom"></div></div></div>
                                                                 <div id="right">
245
                                                                               <div class="parsys iparsys rightcol"><div class="iparys inherited"><div class="parsys</pre>
      iparsys rightcol">
247 </div>
248 </div>
249 </div>
250 </div>
                                                                 <div id="left">
                                                                               <div class="listchildren leftnav"><div class="inner">
253 <h1 class="title"><a href="/content/demo/components.html"><span class="title">Component Examples</span></a></h1><ul class="menu nav-
     level-1"><a href="/content/demo/components/content.html">Content Components/a><a href="/content/demo/components/content.html">Content Components/a></a>
     href="/content/demo/components/shared.html">Shared Content Components/a><span><a
     href="/content/demo/components/developer.html">Developer Components/developer.html">Developer Components/developer.html">Developer.html">Developer Components/developer.html">Developer Components/developer.html
     href="/content/demo/components/developer/dynamic reference.html">Shared Content Reference</a><a
     href="/content/demo/components/developer/html.html">HTML Package</a><a
     href="/content/demo/components/developer/html snippet.html">HTML Snippet</a>class="active-trail"><span><a class="active"</a>
     href="/content/demo/components/developer/external.html">External Embed</a></span><li class="first
     last"><a href="/content/demo/components/developer/external/errors.html">Errors</a>
     href="/content/demo/components/developer/switch.html">Tab Panel</a>class="last"><a
     href="/content/demo/components/special.html">Special Purpose Components/a><div class="relatedLinks"
     relatedlinksreference"></div>
254 </div>
255 <div class="left-col-shadow"></div>
257 <div class="parsys iparsys leftcol"><div class="iparys inherited"><div class="parsys iparsys iparsys leftcol">
258 </div>
259 </div>
260 </div>
261 <div class="left-col-cap"></div>
                                                                        </div>
```

- HTML fragment
- External assets (CSS, images, etc.)
- Matching UBCMS look and feel
- Link rewriting
- Forms and parameters

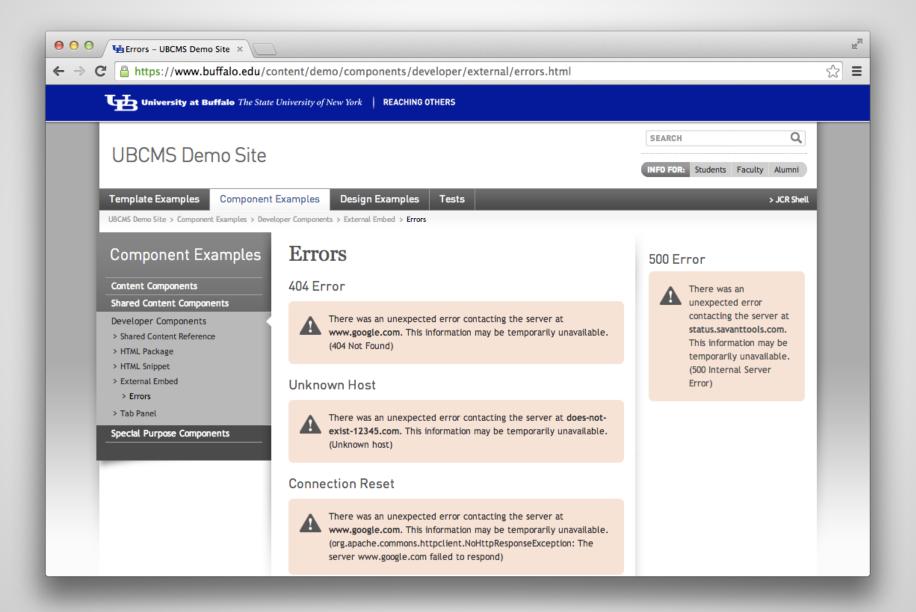
### Special Considerations, Limitations

- Errors
- Caching
- Security
- SSL
- Cookies

- Authentication
- HTTP headers
- Redirects
- Bugs
- Existing apps

(possibly out of your control)

#### **Errors**



### Special Considerations, Limitations

- Errors
- Caching
- Security
- SSL
- Cookies

- Authentication
- HTTP headers
- Redirects
- Bugs
- Existing apps

(possibly out of your control)