Customizing Library Vendor Tools

CUSTOMIZING LIBRARY VENDOR
TOOLS
FOR BETTER CUSTOMER
SERVICE

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GRAND VALLEY STATE UNIVERSITY

An Infopeople Webinar
Thursday, February 26, 2015

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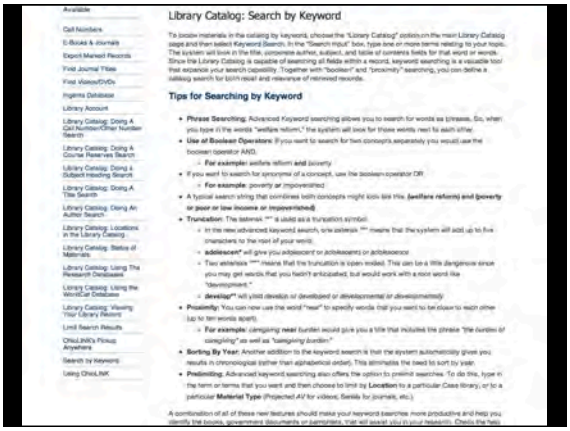

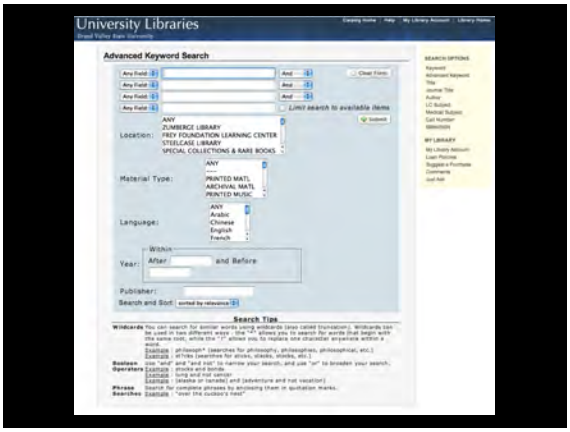

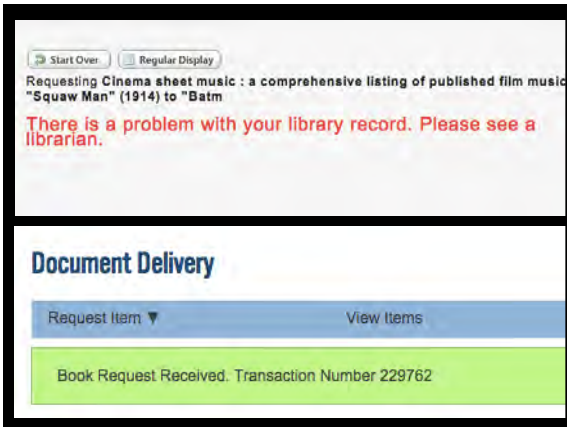

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WHAT ABOUT YOU?

Using chat, let us know about an issue you wish you could change with a vendor system.

BASIC

CUSTOMIZING LOOK AND FEEL

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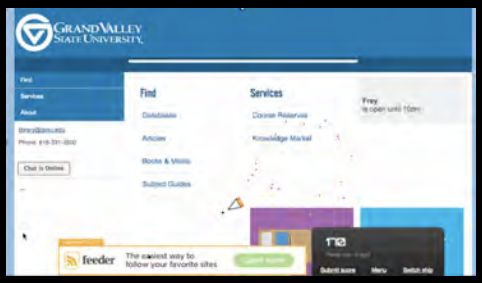


```
<script>
    var newCss = document.createElement('link');
</script>
```

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```
<script>

    var newCss = document.createElement('link');
    newCss.setAttribute("rel", "stylesheet");
    newCss.setAttribute("type", "text/css");
    newCss.setAttribute("href", "styles.css");

</script>
```

```
<script>

    var newCss = document.createElement('link');
    newCss.setAttribute("rel", "stylesheet");
    newCss.setAttribute("type", "text/css");
    newCss.setAttribute("href", "styles.css");
    document.head.appendChild(newCss);

</script>
```

```
<script>

jQuery.('head').append('
    <link rel="stylesheet" type="text/css"
    href="styles.css" />
');

</script>
```

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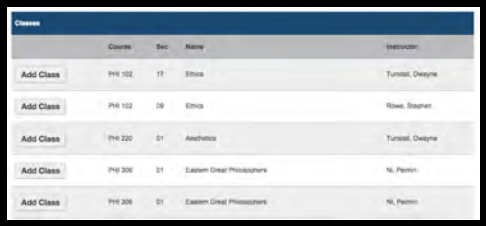
```
<script>
    jQuery.('head').remove('link');
</script>
```

```
<script>
    jQuery.('head').remove('link:last-child');
</script>
```



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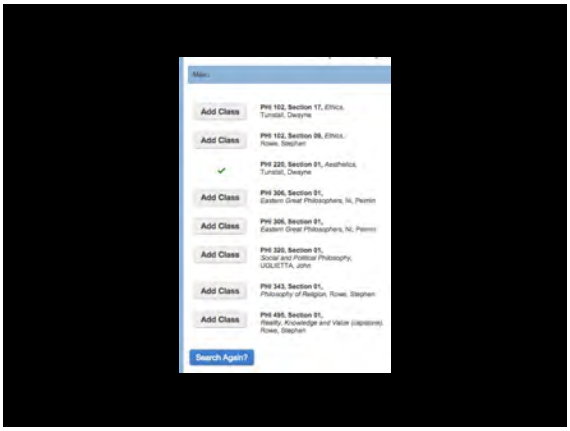

WHAT ABOUT YOU?

IN THE CHAT, TELL US ABOUT A SYSTEM THAT HAS A LOOK AND FEEL PROBLEM, AND WHAT YOU'D LIKE TO FIX!

INTERMEDIATE

CUSTOMIZING FOR USABILITY

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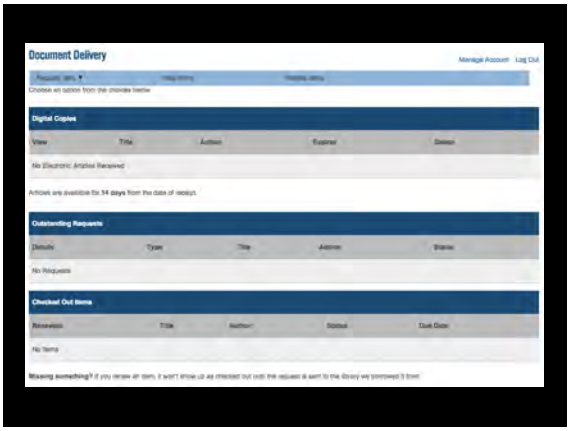
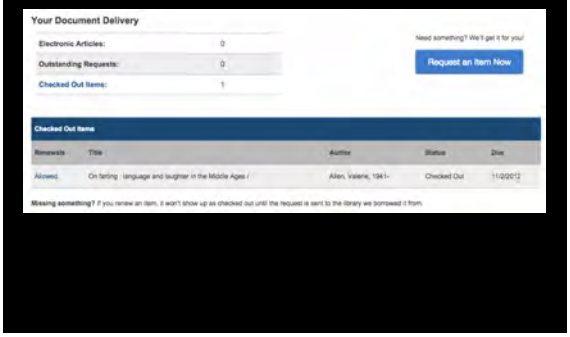



```
var emptyTables, numArticles;

if(($('#electronic-articles').length > 0) &&
  ($('#electronic-articles').find('.row-message').find('td').text() ==
  "No Electronic Articles Received"))
{

    // This is the home page, and the electronic copies table is empty

    emptyTables = emptyTables + 1;
    numArticles = 0;

    // Hide the electronic articles table

    $('#electronic-articles').hide();

} else {

    // There are articles

    $('#electronic-articles').find('tbody').find('tr').length;

}
```



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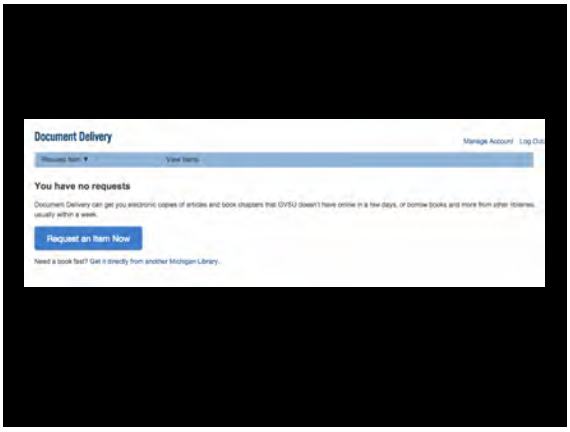

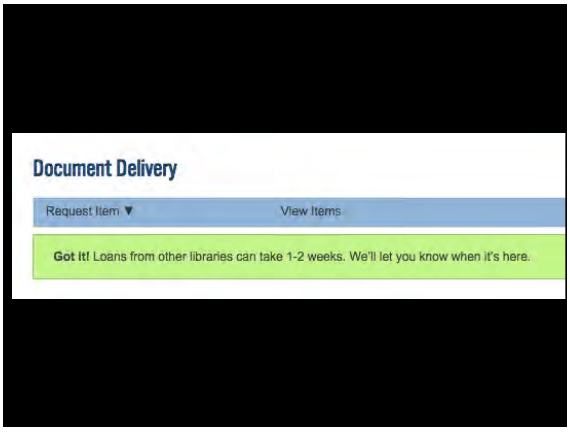

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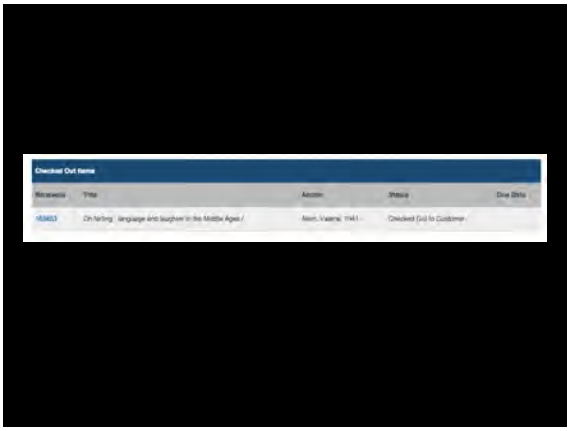

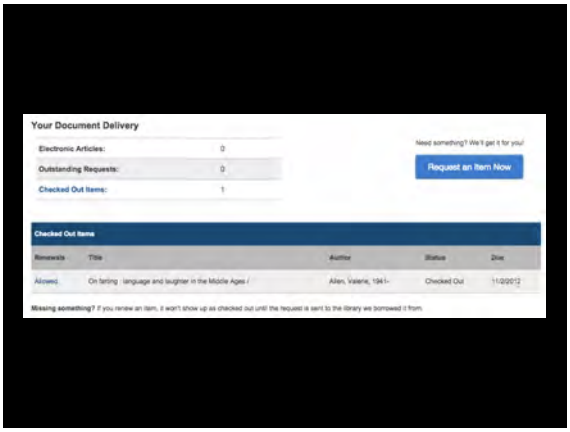

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ADVANCED

REPLACING THE WHOLE SITE

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```
$j(resultsTable).find("tr").each(function(index) {

  // Grab values from the results table

  if(index !== 0) {
    if(format === "Journal" || format === "JournalFormat") {

        articleLinkdata[i] =
          $j(this).find("#ArticleCL").find("a").attr("href");
        journalLinkdata[i] =
          $j(this).find("#JournalCL").find("a").attr("href");

    } else { // Not a journal article

        // Get the book link, if applicable

        BookLinkdata[i] =
          $j(this).find("#BookCL").find("a").attr("href");
    }
```

```
        // Get the date range
        dateRangedata[i] = $j(this).find("#DateCL").text();

        // Get the database name
        DatabaseNamedata[i] =
          $j(this).find("#DatabaseCL").text();

        // Get the database link
        DatabaseLinkdata[i] =
          $j(this).find("#DatabaseCL")
          .find("a").attr("href");

        i++;
      }
    results = index; // Get total number of results
  });
```

```
$("#content).html('
  <ul id="links">
    <li>
      <a class="button" href="' + articleLink + '">
        Full Text Online
      </a>
    </li>

...
```

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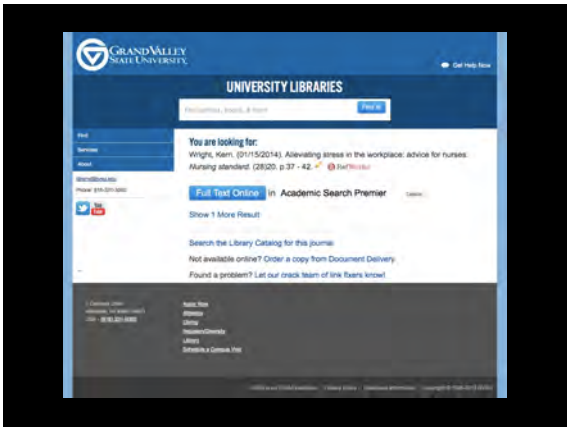

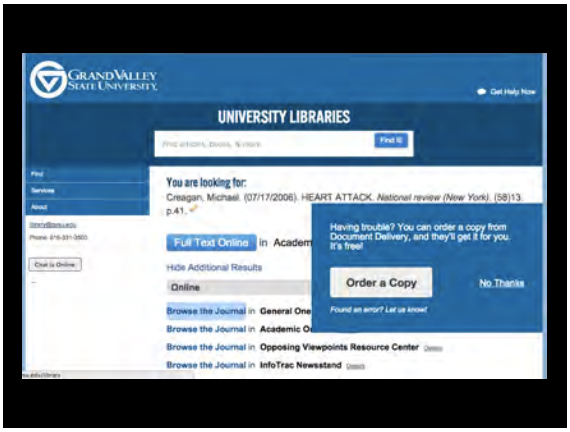

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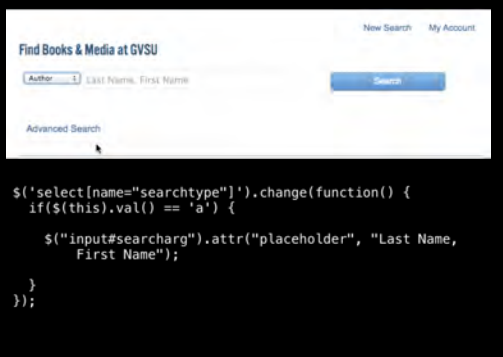
MORE EXAMPLES

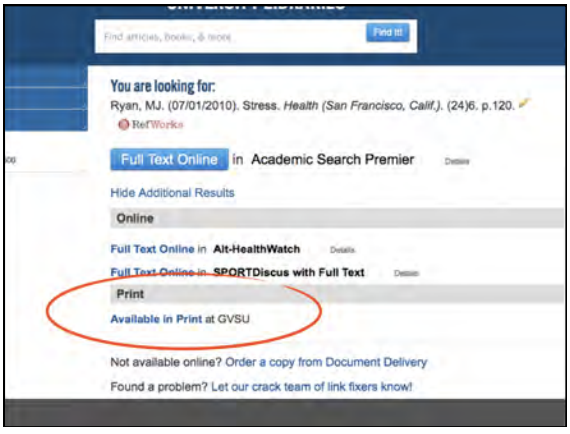
(AND CAVEATS)




```
$('select[name="searchtype"]').change(function() {
  if($(this).val() == 'a') {

    $("input#searcharg").attr("placeholder", "Last Name,
        First Name");

  }
});
```



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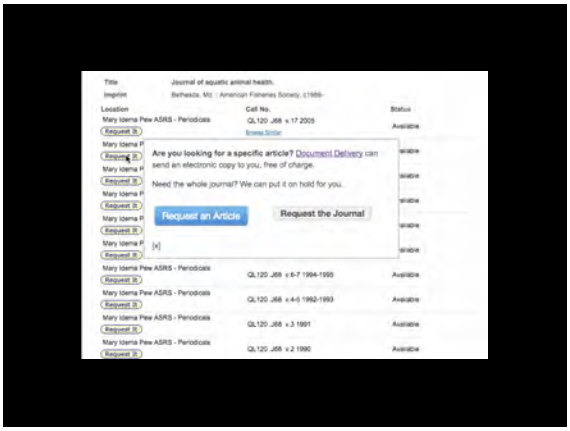

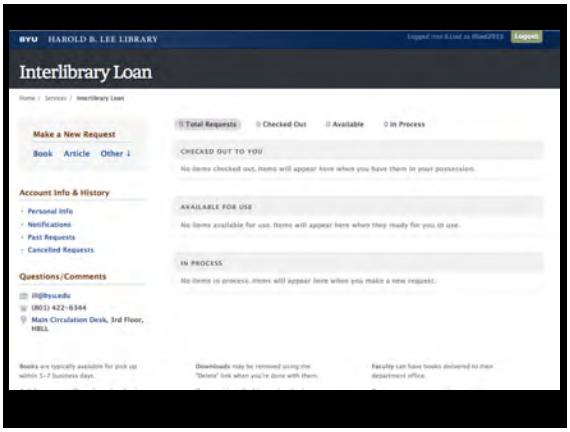

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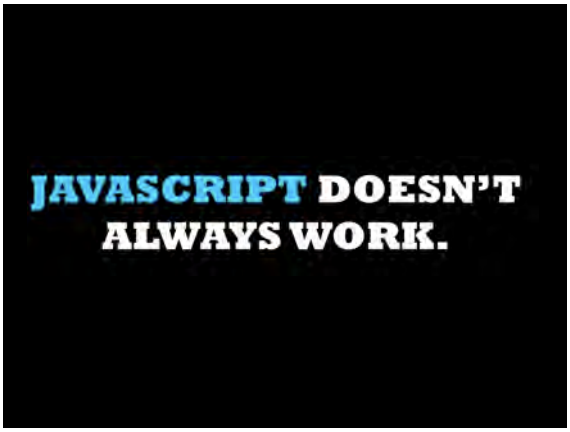

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VENDOR CHANGES MIGHT BREAK YOUR CODE

VENDORS MIGHT NOT MAKE IT EASY

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