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Harry Nuttall  
Jacksonville State University, hnuttall@jsu.edu

Hanrong Wang  
Jacksonville State University, hwang@jsu.edu

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Customizations of Web-Scale Discovery Tools in Alabama’s Public & Independent College and University Libraries: A Longitudinal Study

Harry Nuttall and Hanrong Wang

Harry Nuttall is the Literature Librarian at Jacksonville State University and can be reached at hnuttall@jsu.edu. Hanrong Wang is the Law/Technology Librarian at Jacksonville State University and can be reached at hwang@jsu.edu.

Introduction

As digital technology developed to a point that electronic searching for information became practical, librarians began a quest for the Holy Grail of a single-search option that had the potential to harvest search results from the entirety of a library’s holdings. Initially it was hoped that federated searching might be this option, but federated searching was found unequal to the task. Response time was slow and could skew relevance rankings (Thompson, 2013). Further, the first generation of federated search engines proved not nearly capable of searching the totality of a library’s holdings. Something more was needed. That something more was Web-scale discovery.

Web-scale discovery combines a pre-harvested central index tool coupled with a richly featured discovery layer, offering a single search across a library’s local, open access, and subscription collections (Hoeppner, 2012). Developed and marketed by multiple library vendors, it is a federated solution designed to “simultaneously search, retrieve and adequately display content from various remote information hosts -- such as abstracting and indexing and full-text databases” by using a Google-like search box (Vaughan, 2011, p. 6). Currently, five leading web-scale discovery products are used in participating academic libraries: EBSCO Discovery Services, abbreviated as EDS; Innovative Interfaces Encore Synergy (now called “Encore Discovery Solution”); Primo from ExLibris (now called “Primo Discovery”); Summon from Serials Solutions (now called “The Summon Service from ProQuest”); and WorldCat Local from OCLC (now called “WorldCat Discovery Services”). WorldCat Local dates from 2007 and Summon from Serials Solutions from 2009; the other three products mentioned date from 2010.

The potential of Web-scale discovery (WSD) has generated great interest from academic libraries who have adopted discovery tools, including many in the State of Alabama. Following the University of Washington’s participation in the first pilot program for OCLC’s WorldCat Local in 2007 (Thomas & Buck, 2010) and the first initiative (the Open Discovery Initiative) that was introduced at the American Library Association’s annual conference in June 2011, college and university libraries have investigated what Web-scale discovery tools (WSDTs) are and how they work.

The great hopes generated by WSD’s potential to revolutionize library information retrieval brings with them great concerns. The possibility of having at last found the true Grail is tempered by previous disappointments and the frustrations of unrealized expectations. Even though objectively WSD no longer can be viewed as the “new kid on the block,” for libraries who are in the process of adopting such tools, it still is. In his “Library Systems Report 2015,” which appeared in the May 2015 issue of American Libraries, Marshall Breeding reports that WSD vendors such as EX Libris and Innovative still are signing (and in some cases losing to a competitor) contracts for their Discovery platforms, with EBSCO’s EDS boasting the largest increases: 2,634 new subscriptions and 8,246 total installations (Breeding, 2015). As these libraries prepare their new Web-scale discovery tools for launch, they will need to achieve the same objectives and resolve the same tensions as WSD subscribers before them if they are to get the best return on their (considerable) WSD investment. Foremost among these are getting beyond the limitations of the out-of-the box templates offered by WSD vendors and tailoring the tools to the needs of their own campuses and stakeholders. While the templates do provide a functioning WSDT, their generic nature does little to satisfy other concerns. This is where customization, defined in this paper as to modify or build according to specifications or preferences, comes in. This study tracks customizations and changes to customizations in WSDTs adopted by Alabama academic libraries.

Literature Review

Research related to WSD largely dates from 2012. Most articles published in 2012 focused on products comparison and evaluation, while usability tests and articles on the implementation of a specific product -- outside the scope of this study -- began appearing during the first quarter of the year 2013. More recent research has continued this pattern, although the journal scholarship has been complemented with the publication of books such as Mary Pagliero Popp’s Planning and Implementing Resource Discovery Tools in Academic Libraries (2012) and JoLinda Thompson’s Implementing Web-Scale Discovery Services: A Practical Guide for Librarians (2014).

Since WSD provides central indexing to a large amount of information both locally and remotely, a search easily could yield millions of results. To not customize WSDTs could frustrate users’ efforts to know what resources they are searching and how to search them effectively. Little on WSDT customizations can be found in the published literature, although the necessity of customizations was
suggested by Jody Condit Fagan (2012) and her colleagues from James Madison University in their research article “Usability Test Results for a Discovery Tool in an Academic Library,” published in Information Technology and Libraries, March 2012. Fagan’s article is foreshadowed somewhat in Abe Korah’s and Erin Dorris Cassidy’s article which appeared in volume 49 number 4 of Reference and User Services Quarterly (2010), which in which they note, in a comparison study, that search box placement and use of color can draw users’ attention to a federated search engine. The article by Jolinda L. Thompson, Kathe S. Obrig, and Laura E. Abate, “Web-Scale discovery in an academic health sciences library: development and implementation of the EBSCO discovery service,” published in Medical Reference Services Quarterly 32 (2010), describes the conflicts which must be resolved when details of branding a WSDT such as naming and graphics must comply with larger institutional mandates. Needed best practices was suggested by Michael Kelley (2012) in his article entitled “Coming into Focus: Web-scale Discovery Services Face Growing Need for Best Practices,” published in the October 15, 2012 issue of Library Journal. Library Technology Reports devotes an entire issue, volume 47 number 1, to Jason Vaughan’s overview of discovery services from multiple vendors (2011). Vaughan values customization to the extent that he addresses it in each of his discovery service profiles, outlining the degree of customization each product supports. Further, under his “Questions to Consider” (Chapter 7), Vaughan devotes the first part of his Section 7 to WSD customization, identifying ten areas where host libraries might want to consider customization.

Methodology

Various methods can be used to identify and analyze WSD customizations. For this study, content analysis was selected since it allows data collection from a variety of participants, which is ideal for qualitative study of WSD customizations. Library websites of sixteen Alabama senior institutions having WSD services were selected for this study. All data were collected over a period from June 2013 through February 2016.

Refining more narrowly the definition of customization offered earlier, this study views WSD customization as designs and practices intended to enable users to effectively search WSDTs according to their own requirements. These customizations are different from configurations, defined here as the setting of various switches and jumpers (for hardware) or defining the values of parameters (for software) for a new device or program. With the perusal of each surveyed library’s page, among the WSD customizations examined were:

- What Web-scale discovery service was used (WSD Vendor).
- Where the customizations could be found (WSD Customization Location).
- What customizations have been done (Contents of Customizations).

This study seeks to identify trends in customizing Web-scale discovery services. By examining WSD practices in the surveyed libraries, the study hopes to move toward providing best practices guidelines for libraries considering purchase of a discovery service as well as serve as a point of reference for future developments in existing services for libraries already subscribing to a WSDT.

Broadly, the customizations being considered can be said to fall under the two rubrics of “where it’s at” -- the context and placement of the WSD search box and what surrounds it -- and “what it’s for” -- customizations such as naming, alternative search options, clarifying text or user guides. Due to limitations imposed by remote access restrictions, this survey restricts itself mostly to analysis of the WSD landing screens of the surveyed libraries; in-depth analysis of customizations done to search results or following screens for many libraries was not possible. A table -- added as an appendix at the end of the article -- is used to display the data collected from each library. Screen shots from several library webpages also are provided for visual assessment.

Analysis of Data

In the Table of customizations of WSDTs in Alabama senior institution libraries, the first four columns record data collected beginning June 2013; the fifth column lists changes made since that date. Among the things looked at are the following:

- Name (if any) of the Web-scale discovery tool (WSDT);
- Placement of the WSDT;
- Display/Interface of the WSDT;
- Context (surroundings) of the WSDT
  - panes and facets
- buttons, checkboxes, links, tabs;
- Scope of the WSDT (what is searched and not searched);
- User aids or guides for the WSDT.

WSD Vendor: This column of the Table lists the Web-scale discovery service vendor used by libraries at the senior institutions of Alabama, as of June 2013 when this study was begun. Out of sixteen surveyed libraries, one (Athens State University Library) used Innovative Encore Synergy (6.25%), one (Troy University Library) used Serials Solutions Summon (6.25%), five (Alabama State University Library, Huntingdon College Library, Spring Hill College Library, University of Alabama Birmingham Library, University of Montevallo Library) used OCLC WorldCat Local (31.25%), and nine (Auburn Montgomery Library, Birmingham-Southern College Library, Jacksonville State University Library, Samford University Library, The University of Alabama Library, University of Alabama Huntsville Library, University of North Alabama Library, University of South Alabama Library, University of West Alabama Library) used EBSCO Discovery Service (56.25%).
WSD Customization Location: This column indicates where customizations can be found: either from the Library webpage where the WSD search box is located (fifteen out of sixteen libraries’ WSD search boxes are on the Library Homepage) or on the initial WSD search results page. The customizations might take the form of a link or links to further information or be a statement explaining WSD.

Contents of Customizations: This column demonstrates a variety of customization practices employed by the surveyed libraries. These include but are not limited to:

- Providing a customized name for the WSDT: Names such as Multi-Search (Auburn Montgomery Library), Everything (Spring Hill College Library), ALL (Troy University Library), OneSearch (University of Alabama Huntsville, University of South Alabama) and Scout (The University of Alabama) are used to better clarify the function or purpose of the WSDT or to represent the university brand.
- Providing a concise explanation to accompany the WSD search box. This brief explanation usually takes the form of a “scope note” that makes users aware of the contents and coverage accessible through the WSDT. Some examples of these concise explanations are:
  - Multi-Search lets you find books, articles & other research materials from a single search box (Auburn Montgomery Library);
  - Use the Discovery System to search across multiple databases and the catalog (Birmingham Southern College Library);
  - Find articles, books, primary sources, media and more in one search! (University of North Alabama Library);
  - EBSCO Discovery Service (EDS) is an online research tool that pulls together almost all of our Library resources so that they can be explored using a single search box (University of West Alabama Library).
- Providing more than one search option by using drop-down selections: Users can select either “UAB and Libraries Worldwide” or “UAB – Mervyn H. Sterne Library” search options from the drop-down box on the Homepage resources to start the search (University of Alabama at Birmingham Library);
  - Users can select either “Libraries Worldwide” or “Carmichael Library” search options from the drop-down box on the Homepage resources to start the search (University of Montevallo Library).
- Providing further detailed information about WSD, including answers to questions such as: What is it? When should I use it? When should I NOT use it? (Auburn Montgomery Library, Birmingham Southern College Library, Troy University Library, University of South Alabama Library).
- Providing a step-by-step search demo with screen shots or video tutorial (Birmingham Southern College Library, Troy University Library, University of Montevallo Library, University of South Alabama Library).

Discussion

Libraries who have purchased a Web-scale discovery service, and those who are considering doing so, have three principal reasons to customize their WSDTs:

- To draw attention to the WSDT and make clear its connection to the sponsoring library or educational institution (location and branding);
- To meet stakeholder needs (modifying the generic out-of-the-box templates to address local concerns);
- To get the WSDT used (to justify and protect the investment in the WSDT).

These goals may be met through some combination of the following:

- Name (if any) of the WSDT;
- Placement of the WSDT;
- Display/interface of the WSDT;
- Context (surroundings) of the WSDT;
- Scope of the WSDT (use-centric);
  - options for both using and not using the WSDT (what is searched and not searched);
  - panes and facets (for refining searches);
  - buttons, checkboxes, links, tabs (for navigation purposes).

The importance of branding as a customization feature for WSD is often mentioned in the literature. Branding’s objective is, as Jason Vaughan puts it, to allow “libraries to make the discovery service their own” (Vaughan, 2011, p. 51). Although the degree of openness and flexibility will vary depending on the WSDT used, the out-of-the-box template provided by most vendors usually permits at least a few client-specific modifications.

Assuming one is using the default template, the interfaces for the various discovery services may look quite similar—a search box at top, results presented in the middle of the screen, and facets and other search refinements in a pane along the left. This said, there are some differences, and how significant these differences are can be determined only by the prospective library customer for its environment (Vaughan, 2011).

The library can customize various branding elements, such as colors and logos, and specify some layout details, such as the positions of logos. Libraries can choose to have a custom toolbar, which appears at the top of the interface (Vaughan, 2011). These, along with other customization
possibilities, appear in Vaughan’s complete Customization Checklist found on page 54 of his series of WSD reviews in the January 2011 issue of Library Technology Reports.

No matter how long it has been in place, every library’s WSD begins as a new service/tool, and naturally libraries will want to draw users’ attention to it. Korah and Cassidy have observed that “If federated search engines are made available to students in a prominent location, they will use them” (p. 331). This is among branding’s principal functions, and in this regard it resonates with the business mantra of “location, location, location.” It is an important initial consideration of WSD customization: how is the space to be used? The landing or log-in screen is the user’s first encounter with the WSDT’s discovery layer, and is its public face (Hoeppner, 2012). One way to direct users to the WSDT is to present it in isolation, with nothing else to compete for their attention (see Figure 1).

Another approach, used by the University of Alabama’s Gorgas Library, is to give the WSDT pride of place in a more elaborate display. Here, the WSDT is at the top of the wide center pane, embedded in an image. The size, position, and extensive use of color in the image draw the eye immediately to the WSDT box (see Figure 2).

Branding can influence users’ “first impressions” through which the other components of the WSDT, including the core of the service, its central index, will be judged. Branding’s potential to attract or repel strongly influences first impressions and therefore the degree of success of the WSDT. Branding goes beyond mere location, as it brings into play such things as arrangement of the screen, use of color, and naming. Gorgas Library’s WSDT box is embedded in a landing page that, though quite “busy” in terms of overall content, still is quite navigable. And to further attract users to its WSDT, Gorgas has even given it a name: Scout.

Another benefit of branding is that it enables libraries to customize the “look and feel” of their WSDT to both blend it with and set it apart from other components of their institutional context; an attempt at conflict resolution demonstrating that although the WSDT is part of the parent institution, by being new it also is different. Libraries can brand their WSDT with the library’s name and logo or go beyond (Vaughan, 2011), as the University of South Alabama has (see Figure 3).

The Houghton Memorial Library of Alabama’s Huntington College achieved the trifecta in this regard, first by presenting the box for their WSDT on their LibGuide homepage as well as the page itself in their University’s colors, and then not only naming their WSDT but giving it a name, Countess OneSearch, which resonates with the school’s history (see Figure 4).

Skillful placement and branding of the WSDT should draw users’ attention, which leads to the second, and probably most important, of the three principal reasons to customize a Web-scale discovery tool: to meet stakeholder needs. Jolinda Thompson and her colleagues at the health sciences library addressed this problem by meeting stakeholders at their comfort zones by making their WSD interface resemble other sites with which their primary clientele of health sciences researchers, faculty, and students already were familiar. Libraries serving a more diverse mixture of faculty, graduate students and undergrads will customize their WSDTs differently. Community colleges may tailor theirs differently still.

The first two considerations, branding and meeting stakeholder needs, are means to the third consideration of getting the WSDT used. A Web-scale discovery tool represents a large investment of both funds and the time and labor of preparing the system for launch, and high usage both protects and justifies these investments. Meeting stakeholder needs is essential if the WSDT is to succeed as an integral part of the library’s offerings; end-user comfort is paramount. The tool may search the library’s catalog, but it isn’t the catalog. Its interface may resemble that of native databases, but it isn’t a database. With discovery tools, just looking like a duck or to some degree walking like a duck does not necessarily make it a duck. Most WSDTs incorporate not only the library’s catalog and databases belonging to the vendor of the discovery service, but also database content imported from other providers and possibly even some freely-accessible web resources. The compromises required to make this various-sourced content compatible and cross-searchable within the WSDT also inhibit the tool from behaving exactly like the catalog or native database or other online search tool with which users already may be familiar.

To minimize and counteract initial user confusion and bring users to a state where familiarity breeds content, libraries should seek to establish a context and defined scope for their WSDT. These efforts may be achieved through a combination of panes, facets, buttons, checkboxes, links, and tabs. These can be as simple as South Alabama’s “What am I searching?” link (see Figure 3) to the more elaborate LibGuides created by Birmingham-Southern College (see Figure 5) or The University of Auburn at Montgomery (see Figure 6).

The University of Montevallo goes still further by providing an instructional video (see Figure 7).

WSDTs are more complex than online public access catalogs or native databases, and whatever search skills library stakeholders have gleaned from using these latter do not always carry over to searching in web-scale discovery. To expect them to and therefore to leave stakeholders with no WSDT guides or searching aids is like giving them the keys to the car with no driving lessons, a situation unlikely to lead to user satisfaction, which in turn is not likely to generate heavy use of the WSDT.

Analysis of Data

The Table (see Appendix I), especially the fourth and fifth columns, reveals some identifiable trends. One is that, while many of the surveyed libraries made changes to the
initial customizations of their WSDTs, a few were static and largely stood pat after the initial launch. With the libraries that took a more dynamic approach, some changes were largely cosmetic while others were more substantive. At the beginning of this study nine (56.25%) of the surveyed libraries had named their WSDTs; by the end of the study five (31.25%) had changed, eliminated or, in one instance, added a name. These changes and updates can be for any number of reasons -- not always within the libraries' control -- such as changing vendors, having to restructure to make the interface more compatible with mobile digital devices, or just wanting to give the impression of keeping up-to-date by offering a fresh look to the interface. Things get larger, things get smaller, things get moved. Disappear. But these changes pertain more to the cosmetic level or to branding: important for drawing users’ attention to the WSDT and making a favorable first impression in order to encourage them to use the tool.

Relocating or removing information is a more substantive change revealed by the Table. Four (25%) of the libraries included in the study relocated information. Seven (43.75%) removed it. Three (18.75%) did both. For some of the surveyed libraries this appears to be an ongoing process; changes were made between June 2013 and June 2015, and again between June 2015 and February 2016. Moving information to a page one mouse click in from the Homepage where it initially appeared, which a few libraries have done, is minor; but instances where the information is moved several mouse clicks in or deleted entirely are much more impactful, since the type of material migrated usually falls under the rubric of user aids that can affect the efficiency and effectiveness of WSD and promote user comfort with and continued use of the tool. Snippet notes regarding the tool’s scope can spare users the frustration of searching for things not loaded into the WSDT’s index, while context features such as faceted panes, checkboxes, radio buttons, tabs, and hyperlinks can aid navigation and encourage pre-search sculpting beyond what the Googlike single search box, one-click approach allows.

“Discovery tools, which support more tasks, must make compromises in usability that simpler systems can avoid” (Fagan, 2012, p. 103). By doing so, they cast a mantle of the familiar over the unfamiliar. Like online catalogs, WSDTs include books among their records indexed, but they cannot be searched exactly like a catalog. They also index records from databases; but even if the search interface looks familiar (EBSCO’s Discovery Service, for example, populates its left pane with largely the same facets displayed in its native databases), WSDT’s are not best searched exactly the same way as native databases. Often, mostly to reduce the initial Search Results list to a manageable number and achieve greater results relevancy, WSD searches must be refined by employing quotation marks around search terms or changing field labels. Native databases, because they are populated so sparsely when compared to Discovery tools, rarely require these manipulations.

User aids and guides are intended to spare WSDT users missteps. They can identify what the tool searches and does not search (i.e., what sort of records populate its index) and, more importantly, illuminate how the WSDT should be searched: what strategies produce the most satisfying search experience and yield the most suitable results. They counter the effects of “Google-ization”: results lists that are too long with pertinent results buried too deep, and the search fatigue repeated experiences of this type bring about (Strykowski, 2015). Scope notes, along with auxiliary panes, facets, and other search refinement options, can forestall search fatigue; and user aids -- video-tutorials, search strategy walk-through guides -- can instruct WSD users how to use the tool both effectively and efficiently in a way that will shorten their results lists while surfacing the most relevant results to the top.

Migrating this user-guide information from its initial location on the landing screen, particularly if it moves more than one mouse click away and there are no clear directions to the new location, can create problems for the WSDT user. Most times these will be students whose experience, if they have any prior digital search experience at all outside the internet, is going to be with native databases accessible through the Alabama Virtual Library or some similar state-funded database package. The nuances and complexities of a Discovery tool demand more preparation than this. Difficulties in surfacing the WSDT user aids will only exacerbate this problem.

For the authors of this article, tracking this user-aid content once it had been migrated from the Homepage presented a challenge. In a few cases it simply disappeared; but the best of it was relocated, usually into a standalone LibGuide or embedded in a LibGuide with a broader scope than solely the Web-scale discovery tool.

LibGuides would be an appropriate and perhaps the closest we can get to a best practices platform for such information. Through their appearance they can conform to the branding of the library or the institution and, more importantly, their expansible format allows the space required to present in detail the strategies and skills needed to master a WSDT. The three goals of unity, coherence, and completeness repeatedly stressed by teachers of English composition are easily achievable in a Discovery-centric LibGuide. Everything the host library thinks students should know about its WSDT can be included in the LibGuide and presented in a logical, coherent order.

But this perfect LibGuide is of no use to students if they cannot find it, and to find it they first must know that it is there -- that it exists for their use. In tracking the migrated user-aid content of the surveyed libraries, the authors of this article traced much of it several mouse clicks away from the WSD landing page on which it initially was encountered in 2013. A multi-stage clickpath in itself is no great obstacle; a dearth of pointers or guideposts along the way can make it so. Librarians who are familiar with a discovery tool they have worked with for years know how to get where they’re going, and they will know if content
gets migrated or the WSD interface changes. Others who are not already acquainted with the service, whether students new to the institution or librarians from outside it, may have rougher going, even if they know from previous visits to the site that the content was there. How easily the terrain may be navigated is an important consideration for WSDT stakeholders and for the success of the WSDT itself.

The problem has a simple solution that does not mandate any alterations to the clickpath of the migrated content or the content’s location, and is one that many of the surveyed libraries employed in their initial WSD launch: the provision of live links directly to the user-guides and other information for the tool. How hard would it be, in the landing screen pane containing the WSDT search box, to create a hyperlink with the slogan “Discovery Tool User Aids” or “Guide for ________”? This live link would take users directly to their destination and would occupy so little space that even the most crowded page should have room for it. It’s been done before, and providing a simple way to access these user-aids could pre-empt and solve a lot of problems users might have with discovery tools.

Conclusion

In their infancy, Discovery tools offered themselves as “Google-style search tools which provide one-box searching for all library content with a centralized consolidated index” (Aharony, 2015, p. 429). They were marketed as a direct competitor -- an academic alternative -- to Google. In comparing the advantages and disadvantages of WSDTs, Aharony and Prebor further note that users “mentioned that the discovery tool offers a single comprehensive search, saves time, filters results, and suggests advanced search possibilities. In addition, discovery tools’ interface is friendly (‘Google style’),” (but) these tools also produced “information overload, a lot of noise, lack of precision and relevance, lack of browsing, . . . and redundant results” (Aharony, 2015, p. 432). Truly a tale of two search engines: Discovery is the best of Google; Discovery is the worst of Google. These facts of the discovery experience must be addressed by every library that subscribes to these tools, and a part of this process is customization.

Through surveying Alabama senior institution library websites, this study examined their WSD customization practices. The results reveal that all surveyed libraries offer customization at some level, whether providing in-depth customization with extensive information -- including search strategy demos in video format -- or simply providing only a single sentence to explain what WSD is. Some libraries gave their WSDT a new name so that it could easily be identified by users, while others guided users through questions such as “When should I use WSD” or “When should I NOT use WSD?” in recognition of the fact that not all the library’s subscribed databases or other resources are included in its WSDT, and therefore some search results could be incomplete.

Tracking the WSDTs in the surveyed libraries over time also reveals that, with a few exceptions, the customizations did not remain static but underwent changes of varying degree, from small cosmetic changes such as the name to larger, more substantive changes involving content such as scope notes and user aids. This study confines itself to an examination of Web-scale discovery tools in the libraries of sixteen institutions of higher education in Alabama. Limited in scope though it is, the study’s findings suggest that WSD customization is an ongoing process rather than a one-and-done proposition; changes are incorporated on a perceived as-needed basis. Additional areas ripe for further research would be surveys of WSD customizations in academic libraries outside of Alabama, as well as feedback or user satisfaction surveys regarding changes in the location or accessibility of WSD user aids. Cumulatively, from these studies might be drawn a blueprint for best practices that could guide not only libraries newly subscribing to a WSDT but those who already have one.

Commercial products from vendors have the potential to change research strategies and habits. As a still-evolving product, WSDTs are an example of this, providing users another option for doing research. Though vendors continue to improve WSD products (such as Serials Solution Summon 2.0, which is claimed as Discovery reinvented), understanding users’ search behavior and customizing WSD accordingly is vital. Customization not only promotes a better understanding of the product; it also offers users a more productive way to do research using that product.
Figure 1: Alabama State University library, WSDT landing screen, 2013

Figure 2: University of Alabama library, landing screen, 2013

Figure 3: University of South Alabama, WSDT landing screen with instructional link, 2013
Figure 4: Huntingdon College, landing screen/LibGuide, 2013

Figure 5: Birmingham-Southern College, “Discovery System at the BSC Library,” 2013

Figure 6: Auburn University-Montgomery, “Multi-Search Service,” 2013
Figure 7: University of Montevallo, WSD instructional video, 2013

Figure 8: Birmingham-Southern College Library, revised Homepage without user aids, February 2016; cf. Figure 5

Figure 9: University of Alabama landing screen, revised Homepage with WSD search box and How do I” information migrated elsewhere, February 2016; cf. Figure 2
**Institution Libraries**

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<th>Library / Homepage Web Address</th>
<th>WSD Vendor</th>
<th>WSD Customization Location</th>
<th>Contents of Customizations: Customizations as of June 2013</th>
<th>Contents of Customizations: Customizations since June 2013</th>
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<td>Athens State University <a href="http://www.athens.edu/library/">http://www.athens.edu/library/</a></td>
<td>Innovative Encore Synergy</td>
<td>Name. Link to video instructions from the Homepage under WSD search box.</td>
<td>New name: Encore. Link to Video instructions, the content of the video includes: • Search Demo; • Search strategies; • Search results; • Log in for full-text access; • Spell-correction function; • Contact information.</td>
<td>Name changed to Discovery Service (new vendor: EBSCOHost) and then subsequently removed in favor of single search box under slogan Find Books and Articles. LibGuide including standard EBSCO explanation of EDS with link to video tutorial (not customized). Box placed on What’s New page with link to standard EBSCO Discovery service video tutorial. Search box retained on home page; Explanatory matter moved to LibGuide linked to “What’s New” hyperlink on Homepage, with no EDS search box on LibGuide. LibGuide subsequently removed.</td>
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*Figure 10: Auburn University-Montgomery, with user information in side panes removed, February 2016; cf. Figure 6*
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<td>EBSCO Discovery Service</td>
<td>Link to “Learn more about Multi-search” from the Homepage.</td>
<td>Link to “Learn more about Multi-search”: What is Multi-search? When should I use Multi-search? When should I NOT use Multi-search?</td>
<td>LibGuide subsequently moved some mouse clicks in from Homepage.</td>
</tr>
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<td>OCLC WorldCat Local</td>
<td>Name. List on the Homepage. Explanation on the search Result page.</td>
<td>New name: OneSearch. List: Databases not currently discoverable through Countess OneSearch. Explanation on the Search Result page: About WorldCat and Huntingdon College Houghton Memorial Library. Name changed to Countess OneSearch, with slogan in Countess QuikSearch box “Find items in Search Countess OneSearch by choosing from the following options; slogan “Find items in Countess OneSearch” relocated above search box. Explanation removed from Search Result page.</td>
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</tr>
<tr>
<td>Samford University <a href="http://library.samford.edu/">http://library.samford.edu/</a></td>
<td>EBSCO Discovery Service</td>
<td>Name. Explanation on the library Homepage. Button on the Search Result page.</td>
<td>New name: Multi-Search. Explanation on the library Homepage: Search across several databases and Samford Libraries Catalog to find articles, books, newspapers and more. Button now directs to tips for Basic Search or Advanced Search, depending on the type of search performed; button subsequently removed.</td>
<td></td>
</tr>
<tr>
<td>Library / Homepage Web Address</td>
<td>WSD Vendor</td>
<td>WSD Customization Location</td>
<td>Contents of Customizations: Customizations as of June 2013</td>
<td>Contents of Customizations: Customizations since June 2013</td>
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<td>Troy University <a href="http://trojan.troy.edu/library">http://trojan.troy.edu/library</a></td>
<td>Serials Solutions Summon</td>
<td>Name. Link from the homepage under “Help.”</td>
<td>New name: ALL. Link to “Search Library Resources” page. The page includes following tabs and contents: About tab: provided answers to the questions: What is “search library resources”? What resources are available in “search Library Resources”? Unified Discovery Service video Basic Search tab: provided initial search demo with screen shots Accessing Text of Articles tab: provided refine search demo and how to access full text article with screen shots Accessing Text of ebooks tab: provided information on how to access ebooks with screen shots FAQs tab: Provided answers to the following questions with screen shots: When should I use the “Search Library Resources” box? When should I avoid using the “Search Library Resources” box? I couldn’t find any relevant resources. What should I do? All I want to find is books. How can I do this? I sometimes see Recommendations at the top of my search results. What do they mean? Feedback tab: provided a survey form for users’ feedback about the “Search Library Resources.”</td>
<td>Name has been removed. “Search Library Resources” link has been removed and content has been migrated to LibGuide with same title; Discovery Service video and all tabs except FAQs tab and feedback tab not included in migration; “All I wanted to find is books” and “Recommendations” questions not migrated into FAQs.</td>
</tr>
<tr>
<td>The University of Alabama <a href="http://www.lib.ua.edu/libraries/gorgas/">http://www.lib.ua.edu/libraries/gorgas/</a></td>
<td>EBSCO Discovery Service</td>
<td>Name. <img src="image" alt="button on the Search Result page." /></td>
<td>New name: Scout. Explanation in Search box: Books, full-text articles online, and more. <img src="image" alt="button on the Search Result page: Searching the Discovery Service by EDS." /></td>
<td>Library homepage completely redone: Scout search box removed and link placed under Research tools facet above library banner. Button now directs to tips for Basic Search or Advanced Search, depending on the type of search performed. Instructional videos now several mouse clicks in under Research Guides facet.</td>
</tr>
<tr>
<td>Library / Homepage Web Address</td>
<td>WSD Vendor</td>
<td>WSD Customization Location</td>
<td>Contents of Customizations: Customizations as of June 2013</td>
<td>Contents of Customizations: Customizations since June 2013</td>
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</table>
| University of Alabama at Birmingham  
http://www.mhsl.uab.edu | OCLC  
WorldCat Local | Search options on the library Homepage.  
Explanation on the search result page. | Two search options from the drop-down box on the Homepage:  
UAB AND Libraries Worldwide; UAB –Mervyn H. Sterne Library.  
Explanation on the search result page:  
About WorldCat and UAB - Mervyn H. Sterne Library. | Caption above Search box:  
Search for books, DVDs, CDs, and other items in Sterne Library.  
Dropdown menu changed to search options such as keyword, journal, etc.; UAB and Libraries Worldwide options migrated to Search button at top of pane or tabs placed immediately above WSDT search pane.  
“About” explanation no longer present.  
Button w/questions added to hyperlinks beneath search box:  
How do I search for books?  
How do I search for journal articles?  
Additional Frequently Asked Questions |
| University of Alabama Huntsville  
http://www.uah.edu/library | EBSCO  
Discovery Service | Name.  
Explanation on the Homepage. | New name: OneSearch  
N/A for unauthorized users.  
Explanation on the Homepage:  
OneSearch: books, ebooks, articles, more. | Unauthorized users statement deleted.  
Explanation changed to OneSearch: books, articles, more. |
| University of Montevallo  
http://libguides.montevallo.edu/index | OCLC  
WorldCat Local | Search options on the library Homepage.  
Link to “What is WorldCat Local?” on the Homepage under the search box.  
Link to the Video Tutorial under the search box on the Homepage. | Two search options from the drop-down box on the Home page:  
Libraries Worldwide; Carmichael Library.  
Link to “What is WorldCat Local” page. The page included answers to the following questions:  
What is WorldCat Local?  
Do we still have all the Databases?  
What about the “old” Catalog? Is it still around?  
Single-search Access: What is Included?  
What can’t I find in World Cat Local?  
My question isn’t here, who should I contact about WorldCat Local?  
Video Tutorial by OCLC provides a video demo on:  
Basic Searching;  
Refine your search;  
Ranking of search results;  
Search by Library;  
Sorting your Search;  
Relevance Algorithm;  
Additional Resources. | Drop-down has been removed;  
“Search Worldcat Local Catalog” added above search box.  
“What is WorldCat Local” page has become a box among other boxes on a different page, but the questions and answers all migrated over.  
“What is WorldCat Local” box now is a LibGuide for Carmichael Technical Services, but clarifying questions and video tutorials have been retained. |
<table>
<thead>
<tr>
<th>Library / Homepage Web Address</th>
<th>WSD Vendor</th>
<th>WSD Customization Location</th>
<th>Contents of Customizations: Customizations as of June 2013</th>
<th>Contents of Customizations: Customizations since June</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of North Alabama <a href="http://www.una.edu/library">http://www.una.edu/library</a></td>
<td>EBSCO Discovery Service</td>
<td>Explanation on the library Homepage.</td>
<td>Explanation on the library Homepage: Find articles, books, primary sources, media and more in one search!</td>
<td>Explanation changed to: EBSCO Discovery integrates electronic database and library catalog records in an interface designed for power searching. Button removed.</td>
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<td>? button on the “Discovery Home” page.</td>
<td>? button on the Search Result page: Searching the Discovery Service by EDS.</td>
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<td>Link to “Learn more…” from the Homepage.</td>
<td>Explanation on “EBSCO Discovery Service.”</td>
<td></td>
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<tr>
<td>University of South Alabama <a href="http://library.southalabama.edu/">http://library.southalabama.edu/</a></td>
<td>EBSCO Discovery Service</td>
<td>Name.</td>
<td>New name: OneSearch. “What am I searching?” Link from the Homepage provided following tabs and contents:</td>
<td>Link has been condensed to “OneSearch is a one-stop solution for the discovery of books, journal articles, audio-visual materials and digital objects.”</td>
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<td>“What am I searching?” Link from the Homepage.</td>
<td>About OneSearch tab: provided answers to the following questions:</td>
<td>Content formerly under “About OneSearch” tab has been migrated to LibGuide “OneSearch at USA Libraries: About OneSearch.”</td>
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<td></td>
<td>• What is OneSearch? • When should I use OneSearch? • When should I not use one search?</td>
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<td>Using OneSearch tab: provided step-by-step instruction on how to use OneSearch with screen captures;</td>
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<td>Ask a Librarian: provided contact information and FAQs.</td>
<td></td>
</tr>
<tr>
<td>The University of West Alabama <a href="http://library.uwa.edu">http://library.uwa.edu</a></td>
<td>EBSCO Discovery Service</td>
<td>Explanation on the homepage above the WSD search box.</td>
<td>Explanation on the homepage above the WSD search box: EBSCO Discovery Service (EDS) is an online research tool that pulls together almost all of our Library resources so that they can be explored using a single search box. In other words, rather than searching the Library Catalog for books and a database such as Academic Search Premier for journal articles, you can do an EDS search and get results which include books, e-books, and journal articles, all in one list.</td>
<td>Name added: EBSCO Discovery for UWA. Explanation removed and replaced by checkboxes for Full Text, Peer Reviewed, Available in Library Collection, and UWA Library Catalog Only.</td>
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</table>


Appendix II: Alabama College Directory

[http://library.bsc.edu/](http://library.bsc.edu/)
[http://libguides.huntingdon.edu/website](http://libguides.huntingdon.edu/website)
[http://library.samford.edu/](http://library.samford.edu/)
Bibliography


