

## Functional specifications for the NJDH/RUcore User Interface

August 18, 2006

User Services and Applications Work Group

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### Release 3.0

#### Quick Search (appears on NJDH Home page):

1. "Text" "Images" "Audio" "Video" tabs on Quick Search – When you change tabs, keep the text in the dialog box.
2. Buttons on Quick Search will search <descMD><physicalDescription><form> values, and not <descMD><typeOfResource>.
3. Buttons on Quick Search will have labels that group together several similar "forms." The US&A WG will develop the list of top-level labels. They will roughly correspond to the "Text" "Images" "Audio" "Video" that are currently on the page, and will probably be expanded to include other categories. **[US&A WG to Chad, by Aug 30]**
4. Top-level buttons on Quick Search will have roll-overs or something similar that lists the specific "forms" included in each top-level term. For example, "audio" would include "sound recording (music)" and "sound recording (spoken word)." The Metadata WG will develop the groupings of top-level terms with the specific "form" vocabulary. **[Metadata WG to Chad, by Aug 30]**
5. Browse NJDH 1: Need explicit link back to Quick Search from the Browse NJDH window. (It is possible to go there by clicking on one of the other tabs, but this is not explicit enough.)
6. Browse NJDH 2: Need link to Advanced Search from the Browse NJDH window.

#### Advanced Search page:

7. Make a Quick Link that goes back to the Quick Search/Home page. (Right now, the link goes to the Advanced Search page, which is where you are.)
8. Replace "Type" and "Format" pull-down lists with "Physical Format" list. This will search <descMD><physicalDescription><form>. Metadata WG will consider expanding the list to add "article" "newspaper" "periodical" and "record." The Metadata WG together with the US&A WG will consider whether to refine the "public" list of certain elements in order to clarify their scope. For example, the term used in the metadata record would be "negative" but the public list would be "photographic negative." Other examples mentioned were: book ↔ book or pamphlet; graphic ↔ graphic, drawing, etc. **[Metadata WG to Chad, by Aug 30]**

9. Period & Geographic in RUCore: Do Not include the Period or Geographic limit/qualify/search by in RUCore.
10. Provide option to sort results by:
  - o Relevance [default]
  - o Title <descMD><titleInfo>
  - o Date <descMD><originInfo><dateCreated>
11. Search tips 1: Use lower case “and” “or” “not” boolean operators consistently in all examples. Do not use CAPS.
12. Search tips 2: Add an explanation of how to Search By Genre in the Search Tips, with a link to an A-Z list of genre terms. **[US&A write the narrative, to Chad by Sep 6; JT and RJM compile A-Z list, to Chad by Aug 30]**
13. Fix the default keyword search so that multiple keywords are searched as “and” searches. The first two searches in the following example should yield the same number of search results:
  - new brunswick = 140 hits
  - new and brunswick = 131 hits
  - “new brunswick” = 131 hits
14. In the list of collections, change the label for NJSL to New Jersey State Library.
15. For now, leave the list of collections in alphabetical order. Remove the initial article “The” in “The Paterson Sunday Chronicle Archive.”

**Results display:**

16. Default order results in relevance order. Provide option to sort results by:
  - o Relevance [default]
  - o Title <descMD><titleInfo>
  - o Date <descMD><originInfo><dateCreated>
17. Provide an option to display more than 10 records at a time: 10, 20, 50
18. Provide a feature to “jump to” a record number in the list, so that the results display resumes at that number. These three options will be located to the right of the Results List.
19. Provide a print-friendly option. For this release the print command will only output (print) a print-friendly screen without requiring a separate “print friendly” window, tab, or pop-up.
20. At head of results, should read: “Displaying n1-n2 of n3 results” instead of “n3 results.” Example: Displaying 1-7 of 7 results.
21. The Results display screen will have “Edit My Search” and “Begin New Search” options. These options will be located to the right of the Results List, under the [re-]Order, Display [number], and Jump-to options.
  - “Edit My Search” returns the searcher to the Advanced Search page, with the search terms and limit/qualify choices of the last search retained
  - “Begin New Quick Search” returns the searcher to the Quick Search page, with empty dialog boxes

“Begin New Advanced Search” returns the searcher to the Advanced Search page, with empty dialog boxes

**Full record:**

22. Different image displays are possible. It would be helpful to know why you would choose one over the other. “i” (Information) icon would be useful here. For example: jpeg: most widely used, most computers can display automatically; pdf: also widely used, though cannot be edited; djvu: best for large objects. In order for this to appear in Release 3.0, the US&A WG needs to give Software Architecture WG more information about what would appear under the “i” icon. **[US&A WG to Chad, by Aug 30]**

23. The “Download DjVu” icon should appear with the “i” [information] link that we’ve recommended next to the DjVu/JPEG/PDF choices.

24. The current rights declaration is too long. Make this a link that displays the entire rights sections in a separate window.

25. The Full Record screen will have “Edit My Search” and “Begin New Search” options. These options will be located to the right of the Full Record.

“Edit My Search” returns the searcher to the Advanced Search page, with the search terms and limit/qualify choices of the last search retained

“Begin New Quick Search” returns the searcher to the Quick Search page, with empty dialog boxes

“Begin New Advanced Search” returns the searcher to the Advanced Search page, with empty dialog boxes

26. Include location (institution) of analog source object. Represent this in “plain English,” not using the MARC Organization ID.

27. Collection name: Display the MOD:title for the name of the collection, not the CollectionID.

Example: New Jersey Historical Society; ~~NJHS~~

Example: New Jersey State Library; ~~NJSL~~

Example: New Jersey Historical Society;

Example: Seabrook Farms; ~~SBFarms~~

Example: John Albok Collection; ~~John\_Albok\_Collection\_145~~

28. Print-friendly option: When this option is chosen, a separate window will open with only full record information, and no other NJDH web page info. It will include an abbreviated rights declaration and a reasonably sized abstract (Description). The US&A WG will give Software Architecture WG algorithms (guidelines) for creating the rights declaration and abstract. **[US&A WG to Chad, by Aug 30]**

**General comments:** *These changes are feasible but subject to further consultation with the Repository Steering Committee.*

29. On NJDH Home page, take out the paragraph at the top that explains about NJDH. Put it on the “About” page.

30. The page should have a cleaner, less busy appearance. Some suggestions:

Fewer lines around words (e.g., tabs for “All” “Text” “Images” “Audio” “Video” not on buttons, no shading; similar to <google.com>)  
No borders or boxes; use subtle shading to offset; similar to <njedl.rutgers.edu>

31. Reduce the size of the “News” section or relocate it to another page.

## Release 4.0

### Advanced Search page:

1. Allow use of the boolean “not.”
2. Organize the list of collections under the names of their institutions. This would easily allow the searcher to search all collections of an institution, or only selected collections.
3. Allow the user to search multiple collections (pick and choose).
4. Glossary of all “Physical Format” terms and broader types **[Metadata WG to Software Architecture]**

### Results display:

5. Display metadata (information about the object) in the same window or frame along with the object/image/etc. when you click on the image or icon to the left of the brief record display. Alternatively, present the user with an icon that shows where metadata about the object can be found.
6. User can select results to print or email.

### Full record:

7. JPEG images should always display. (Sometimes the jpeg does not show up when it should.) This might be a “bug” or the unintended result of an ingest procedure, and not a design issue. (The architecture currently will display the jpeg thumbnail after the full record is displayed on the first time. We can look at re-architecting [this approach in R4.0.](#))

## Future Release

### Quick Search (appears on NJDH Home page):

1. Browse NJDH 3: Need image for Civil War in chronographic.

### Advanced Search page:

2. Allow proximity searching. This is desired, but not the highest priority. The US&A Work Group will provide more input on the functionality of proximity searching for a future release.
3. Add ability to limit/qualify/search by geographic place name:  
Geographic: [default = All Place Names]  
List: New Jersey and the 21 counties

4. Search tips 1: There are two entries for boolean Search. Put both “tips” under a single heading or create an alternate heading for the second tip.

**Results display:**

5. Provide a “more like this” option (check-box) next to each citation on the results list. The resulting search would be based on subject keywords.
6. “View Hits” -- The full text search would take you directly to the page in the pdf or djvu document. This is agreeable, but not a high priority in light of other interface needs. Until this is implemented, users will be encouraged to use the term search capability within pdf.

**Full record:**

7. Hyperlink from the name of the institution to contact information—either in a separate browser window or a pop-up window. Include Address and URL from the institution record.
8. Locate the thumbnail image/icon on the left side, with the links for DjVu, PDF, JPEG on the right.
9. Search “Collection”: Hyperlink the Collection Name in the full record.
10. Source metadata is searched but not displayed on Full Record. Include some sourceMD on Full Record display, for example, color, b&w, etc.
11. “Source record” label: use the label “More Detail” instead.

**Source Record, a.k.a. Record for Fedora Object:**

12. At the bottom of the display, list “Full Record” first (on the left). List the other options on the right side (right justified): Dublin Core [spell out], MARC, MODS