

Purpose

Provide a basis for developing and implementing a new landing page that will be used when viewing a full record result from a search query or from visiting a persistent URL. This applies to the major thematic portals, RUetd, Faculty and “root” portals that are served from the RUcore site.

Partners that implement search portal code via an <iframe> or a custom search agent will continue to operate as they currently do. Persistent URL’s that appear in the full record display will be hyperlinked and open in a new window that displays the record landing page on the RUcore website.

Search Query - Full Record Result

The URL

Currently when visiting a full record result the URL that is displayed in the location bar of the browser is a representation of the search query at the point in time the search was performed. If that URL was saved, i.e. bookmarked, it might not yield the same result in the future.

To solve this issue when visiting the full record result the URL in the location bar will be the same URL as if the user visited the persistent URL of the record. Following the new URL syntax being implemented in R7.2 the URL would take the following form.

`http://rucore.libraries.rutgers.edu/rutgers-lib/{numeric portion of resource identifier}/`

Continuing a Search from the Landing Page

When viewing a full record search result the search parameters will no longer be part of the URL. Because of this a mechanism will need to be devised that allows the search query to “persist” as well.

For many RUcore releases PHP sessions have been used and implemented or authentication and authorization purposes. We can use those same sessions to store the current search parameters instead of relying on the URL. An implementation scenario is as follows:

Scenario

#1) User submits a search that yields more than one result. The user is presented a list of brief search results listing with the search parameters in the web browsers location bar.

<http://rucore.libraries.rutgers.edu/search/results.php?key=root&query=baseball>

#2) Search query parameters are stored in the user session

?key=root&query=baseball

#3) Title links in the brief result list direct the user to the landing page. The resulting URL presented in the browsers location bar contains no search parameters.

#4) When the landing page is being rendered the search parameters stored in the session indicate that the user came to this page from a search. Additional search navigation is added to the page display. This includes “Previous”, “Next”, and “Back to Results” links along with other search functionality.

#5) The rest of the page is rendered as a full record result currently is. The “key” parameter indicates which portal this request was made from and the record is rendered according to that portals configuration.

Visiting a persistent URL

When a persistent URL is resolved the user is directed to a URL that follows the new URL syntax, however no search query context is available as to how the user arrived at this page. In this case the additional search navigation mentioned in the above scenario will not appear.

An inspection of the resource will need to be performed to indicate which portals this resource is currently a part of. Since almost all objects are associated with the “root” portal that portal will serve as the default metadata display style. If the resource is found to be part of one of the thematic portals, RUetd or Faculty portal then that portals metadata style configuration will be used.

Restrict Viewing

Recently resources have been ingested into RUcore that are sensitive in nature; examples are the Administrative Documents collection and some restricted RUresearch resources. Restricting access to the datastreams has been accomplished by applying XACML policies. Discoverability of these resources has also been limited by not including these resources in any public search portal. Even with these two restrictive measures in place the item bibliographic record can be retrieved if a user knows the fedora identifier of the resource.

In this implementation of the landing page we propose further restricting access to the resource by remove access to the landing page. The proposal is that when a resource or a collection of resources have been identified as needing heightened access restriction those resources are added to a specially marked portal. During initial rendering of the page if the resource is part of that specially marked portal a simple page is displayed with a note explaining to the user that this entire resource has been restricted and is not accessible. The resource will still implement XACML polices on datastreams and be excluded from all public discovery and this solution will only address cases where the resources fedora identifier was known and deliberately accessed by a user.

Implementation

The current RUcore search agent will be affected by this implementation. The current search result full record display code will be repurposed as the new landing page code.