

ADL Web Interface: Functional Specification

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1. Search frame
 - 1.1. CDL logo hyperlink
Replaces the entire window with the CDL home page.
 - 1.2. ADL logo hyperlink
Replaces the entire window with the ADL home page.
 - 1.3. “Help” hyperlink
Replaces the entire window with the ADL help page.
 - 1.4. “Expert search” hyperlink
Replaces the entire window with the JIGI download page.
 - 1.5. “Quick placename search” box
 - 1.5.1. “Start search” button
Functionally equivalent to 2.1 followed by 1.6.3 with the following query:
 - *Collection: ADL Gazetteer*
 - *Geographic location: no constraint*
 - *Feature type: no constraint*
 - *Keywords: the words in the “Where is...?” box*
 - *Matching on all of the above words (“and” operator)*
 - *Result size: unlimited*
 - 1.6. “Search georeferenced information” box
 - 1.6.1. “Select collection to search” option menu
Redraws the “Search georeferenced information” box to reflect the collection-specific controls available for the selected collection. 1.6.4 is implicitly performed.
 - 1.6.2. “More information” hyperlink
“Browse thesaurus for feature types” hyperlink
Presents a thesaurus page in a separate window.
 - 1.6.3. “Start search” button
Issues a query and replaces the Data frame with the results of the query, which will be either a sequence of scan metadata records or an error message. The query is defined by:
 - *The selected collection*
 - *The values of the collection-specific controls in the “Search georeferenced information” box*
 - *The query region in the Map frame**The semantics of the query are determined by the correspondence between the collection-specific controls and the collection’s search buckets; this correspondence will not be detailed here, but is generally obvious. For example, the “Select feature type” option menu corresponds to the “types” bucket, which uses the “is a” matching operator¹. The Map frame corresponds to the “geographic locations” bucket using the “is contained by” operator.*
 - 1.6.4. “Clear form” button
Returns all collection-specific controls to their default values. In particular:
 - *Option menus such as “Resource type” are set to “Any”*
 - *Text fields such as “Select keywords to search” are set to blank*
 - *The “Any of the above words” radio button is selected*
 - *“Specify search result size” is set to 50*
2. Map frame
 - 2.1. “Reset map” button
Resets the map, i.e.:
 - *Centers the map on (0, 0)*
 - *Zooms the map back out to the entire world*

¹ The “is a” operator is defined as follows: Q “is a” T if Q equals T or if Q is a specialization of T.

- *Removes any highlighted footprint*
- 2.2. Pan buttons
Pan the map in the indicated direction by an amount TBD.
- 2.3. The map itself
Recenters the map and optionally zooms in or out (by an amount TBD) depending on which radio button under the map is selected.
- 3. Data frame
 - 3.1. “More information” hyperlink
Replaces the entire window with the collection’s metadata page.
 - 3.2. “Highlight in map” hyperlink
Redraws the map with the same zoom and pan, and also paints the holding’s footprint on the map.
 - 3.3. “Complete description” hyperlink
Replaces the Data frame with the item’s full metadata record.
 - 3.4. “Browse graphic” hyperlink
Replaces the Data frame with the item’s browse graphic.
 - 3.5. “Access/download” hyperlink
Replaces the Data frame with the item’s access report.
 - 3.6. Hyperlink within full or access report
Replaces the entire window with the contents of the link.