

DataONE R Client - Feature #3638

Parse search results and expose in R data structure

2013-03-05 20:08 - Matthew Jones

Status:	Closed	Start date:	2013-03-05
Priority:	Normal	Due date:	2014-09-10
Assignee:	Rob Nahf	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	DataONE R Client 1.1.0	Story Points:	
Milestone:	None		
Description			

History

#1 - 2013-03-05 20:09 - Matthew Jones

- Due date set to 2013-03-05
- Start date set to 2013-03-05
- Target version set to DataONE R Client 1.1.0

#2 - 2013-03-05 20:16 - Matthew Jones

The current search results in R are passed back to the user as raw XML. This may be useful for some users, but for many this will be a major impediment. Modify the search function to parse the results and create a data structure in R containing the search results. For example, maybe return a data frame indexed by identifier with one column for the identifier and for each of the returned fields in the resultset. Alternatively, one could return a vector containing, for each hit, a list containing the identifier and a hash of the returned fields for that identifier.

#3 - 2013-03-06 18:34 - Rob Nahf

- Due date changed from 2013-03-05 to 2013-03-06
- Assignee set to Rob Nahf

There is a simple mechanism to convert a solr query result to a native R data structure using the rjson package.

```
fromJSON(d1SolrQuery(client, list(q="foo",wt="json")))
```

we can either document this technique, or perhaps parameterize existing method (promoting the wt solr parameter to a method parameter).

#4 - 2014-09-10 20:35 - Matthew Jones

- Status changed from New to Closed
- Due date changed from 2013-03-06 to 2014-09-10

Moved issue to github: <https://github.com/DataONEorg/rdataone/issues/33>