

## DataONE R Client - Feature #3638

### Parse search results and expose in R data structure

2013-03-05 20:08 - Matthew Jones

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

#### 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>