

## Arvados - Bug #13916

### Discovery document inconsistencies

07/26/2018 01:44 PM - Fuad Muhic

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assigned To:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> To Be Groomed	

**Description**

- Content defined in "schemas" section contain duplicated uuid field. Example:  
Section discoveryDoc.schemas.Collection.properties contains 2 uuid fields. This presents a problem when auto-generating SDK-s (they are manually filtered in R-SDK).
- Methods "index", "show" and "destroy" are aliases for the preferred names "list", "get" and "delete". These methods are redundant and present an unnecessary addition when auto-generating SDK-s. (They are manually filtered in R-SDK which reduced Arvados.R file by 2000 lines). Example:  
discoveryDoc.resources.collections contains index, show and destroy.
- Some documentation fields are preformatted. Example:  
discoveryDoc.resources.collections.list.description contains:  
List Collections.  
The list method returns a  
<a href="/api/resources.html">resource list</a> of  
matching Collections. For example:

```
{
  "kind": "arvados#collectionList",
  "etag": "",
  "self_link": "",
  "next_page_token": "",
  "next_link": "",
  "items": [
    ...
  ],
  "items_available": 745,
  "_profile": {
    "request_time": 0.157236317
  }
}
```

This presents problem when generating documentation in R, so R-SDK is ignoring description field.

- discoveryDoc.resources.collections.provenance states that return type should be Collection. When I make a REST call I get back collection wrapped inside list, which is not the case with other collection methods. I think I encountered more similar problems when working on R-SDK, so I decided to ignore entire discoveryDoc.schemas section.