

Aras Innovator

Sample Code



Searchable Filtered Item Browser

Versions Supported: 9.3.0
Last Modified: 7/11/2011

ARAS CORPORATION

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1 Overview

When the Filtered item Browser is used to generate an idlist of values you may select from, it may be necessary to use standard searching functionality to narrow that list even further.

The method code in this example will allow you do perform a search on a filtered item browser that returns all members of the Administrator group. This example will allow you to search further on the return of members.



2 Installation

Use the following steps to create a client-side (JavaScript) method that will be called from onSearchDialog for a property of type Item

- 1) Log into Aras Innovator as an Administrator
- 2) From the TOC select Administration->Methods and create a new Client-Side, JavaScript method
 - a. Name=SearchableFIB
 - b. Copy the method code from the appendix
- 3) Save, Unlock and close SearchableFIB
- 4) From the TOC select Administration->ItemTypes and open your ItemType for edit
 - a. Find your property of type Item and right click and select view
 - b. Lock the property
 - c. Add a new Event
 - i. Select TestFIB
 - ii. Set event to onSearchDialog
 - d. Save, Unlock and Close your property
- 5) Save, Unlock and Close your ItemType

Once the event has been added onSearchDialog, next time you bring up the dialog, you will now have a searchable filtered item browser that returns all identities within the Administrators group.



3 Appendix

Method Code

```
var inn=this.getInnovator();
var ident= inn.newItem("Identity","get");
var member = inn.newItem("Member","get");
member.setAttribute("select","related_id");
ident.setProperty("name","Administrators");
ident.addRelationship(member);
ident=ident.apply();
member=ident.getRelationships("Member");

var idlist="";
//build list of IDs in format 'idVal1','idVal2',...'idValX'
//identical an "in" clause in SQL
for(var i=0;i<member.getItemCount();i++)
{
    if (idlist=="")
    {

idlist+=" '"+member.getItemByIndex(i).getProperty("related_id")+"'";
    }
    else
    {

idlist+=", '"+member.getItemByIndex(i).getProperty("related_id")+"'";
    }
}
inArgs.QryItem.setCriteria("id", idlist, "in"); //use "in" to allow
search filtering
```

