

VegBank - Bug #1220

Need systematic approach to viewing all data in database

11/21/2003 09:19 PM - Michael Lee

Status:	Resolved	Start date:	11/21/2003
Priority:	Immediate	Due date:	
Assignee:	P. Anderson	% Done:	0%
Category:	misc	Estimated time:	0.00 hour
Target version:	1.2.0	Spent time:	0.00 hour
Bugzilla-Id:	1220		
Description			
<p>This could be done with XML-XSL, but we would prefer give it a shot with javabeans which are more efficient. Currently (Nov 21,2003) the metadata viewing functions use the genericDispatcher to return beans, which are called recursively throughout the page. We have had problems with the stability of this approach. Better would be to have nested beans returned by one request.</p> <p>This bug shall serve as a holding spot for any discussion on this, and should be closed when the generic solution has been found and some parts of the database viewable via this method. Then other bugs can be made to direct us as to what exactly needs viewing.</p>			
Related issues:			
Is duplicate of VegBank - Bug #847: evaluate: User view & output stylesheets		Resolved	11/13/2002
Blocked by VegBank - Bug #804: Interpret community in extant plot		Resolved	11/13/2002
Blocked by VegBank - Bug #807: Interpret taxon in extant plot		Resolved	11/13/2002
Blocked by VegBank - Bug #1221: Systematic solution to querying data		Resolved	11/21/2003
Blocked by VegBank - Bug #794: Evaluate viewing forms and input forms for Veg...		Resolved	11/13/2002

History

#1 - 11/21/2003 09:22 PM - Michael Lee

Making the 5 "major" bugs critical so that bugzilla highlights them in red, how nice.

#2 - 11/21/2003 09:55 PM - Michael Lee

- Bug 847 has been marked as a duplicate of this bug. ***

#3 - 02/28/2004 11:34 AM - Michael Lee

not required for Feb29 release.

#4 - 06/01/2004 11:22 AM - P. Anderson

Per the initial request, I'd say this bug can be closed. We have the GenericDispatch action which works well, labeled as "Summary Report" on the plot query results page. Improvements to the display are possible, but as stated originally they should be new bugs.

#5 - 06/03/2004 07:48 AM - Michael Lee

Perhaps this bug is unclear. We need a way to view any data in the database by simply calling a URL and perhaps a set of PK/AccessionCodes to view.

Something like:

vegbank.org/vegbank/view.do?accCode=VB.CC.123

and

vegbank.org/vegbank/view.do?tbl=party&PKs=1,4,14,56

--it wouldn't have to be as transparent as this, but this gives the idea.

We need to also think about the different views that these should produce and

name them. For example, summary view (standard spreadsheet view), comprehensive view (field1: value1
 field2: value2
 etc.), PK translation (instead of party_ID=45, we get "Jo Smith"), etc.

URLs add &view=summary

This is really important because as we accomplish new functionality, we want to be able to see it. Right now, it's hard to really see what's going on in the db if we make some nice change.

#6 - 06/05/2004 04:27 PM - P. Anderson

Apache's powerful URL rewriting capabilities gives us lots of options here. For one, I'd prefer to keep the script name out of the URL entirely. e.g.

1. View an entity by accession code in comprehensive (full) mode
<http://vegbank.org/get/full/VB.CC.123>

1. View a list of parties by PK
<http://vegbank.org/get/full/party/1.4.14.56>

1. Summary view
<http://vegbank.org/get/summary/party/1.4.14.56>

1. Get raw XML for a given accession code
<http://vegbank.org/get/xml/VB.CC.123>

1. Get raw XML for a given list of PKs
<http://vegbank.org/get/xml/party/1.4.14.56>

General form:

```
/get/ (AC | 'full' | 'summary' | 'xml') / (entity_name | AC)
```

Something like that.

#7 - 08/10/2004 09:56 AM - Michael Lee

- Bug 1221 has been marked as a duplicate of this bug. ***

#8 - 08/12/2004 05:38 PM - P. Anderson

Squashing this bug with our first custom JSP tag, <vegbank:get> which uses configurable SQL queries to populate a list or single bean or map in a JSP page. First use was quite effective.

#9 - 08/12/2004 05:45 PM - Michael Lee

see http://gyro.nceas.ucsb.edu:8080/vegbank/forms/aux_role_viewall.jsp as an example, created in 20 min by PMark and me

#10 - 03/27/2013 02:16 PM - Redmine Admin

Original Bugzilla ID was 1220