

VegBank - Bug #748

Systematic approach to rectification

11/13/2002 01:49 PM - Michael Lee

Status:	New	Start date:	11/13/2002
Priority:	Normal	Due date:	
Assignee:	Michael Lee	% Done:	0%
Category:	userLoad	Estimated time:	0.00 hour
Target version:	3.0.0	Spent time:	0.00 hour
Bugzilla-Id:	748		
Description			
PI decide how to approach design of rectification			
Related issues:			
Is duplicate of VegBank - Bug #759: Loader rectification tools: PlantConcept ...		Resolved	11/13/2002
Is duplicate of VegBank - Bug #760: Loader rectification tools: CommConcepts ...		Resolved	11/13/2002
Is duplicate of VegBank - Bug #763: Loader rectification tools:NamedPlace (fr...		Resolved	11/13/2002
Blocked by VegBank - Bug #747: [615] :Loader rectification tools-b		Resolved	11/13/2002
Blocked by VegBank - Bug #754: Loader rectification tools: References		Resolved	11/13/2002
Blocked by VegBank - Bug #770: [673] :Loader rectification tools:Picklists-b		Resolved	11/13/2002
Blocked by VegBank - Bug #746: Loader rectification tools:Party		Resolved	11/13/2002
Blocks VegBank - Bug #822: Annotation: view current notes on data + create notes		Resolved	11/13/2002

History

#1 - 11/20/2000 08:17 AM - Michael Lee

just not time for these bugs in 1.0, pushed to 1.1

#2 - 01/14/2003 09:22 AM - Michael Lee

we need a plan for how we will rectify parties, plants, etc. to VegBank records. VegBranch has a tool for this as a starting point, perhaps. This will be nearly impossible to automate (in that no computer will be able to judge ambiguous cases), so it will have to be a step-by-step process.

This plan needs to be created very soon. This bug can be marked resolved as soon as the plan is finished.

#3 - 04/19/2003 06:14 AM - Robert Peet

"Create a plan" -- This must be the mother of all bugs.

So I suppose it was intended to be "create a plant". I think we decided to omit this option from the loader and require that any plants rejected by the validation/rectification layer be returned to the submitter to enter through forms. Ultimately we will provide a mechanism for mass insertion of plants (perhaps via the Access tool), but for now no. The forms for loading plants will need to search for matches in the concept/names/references tables and report misses and close misses. The level at which this gets done will increase in sophistication as we move beyond version 1.0 to 2.0

I turn this bug over to Michael for refinement, and he will in turn hand it to Gabe for implementation

#4 - 04/23/2003 12:10 PM - Michael Lee

Indeed, this is the mother of all bugs (MOAB). Well, at least all bugs that pertain to rectification. We sort of made a plan in Santa Barbara last meeting, which was essentially, that rectification would be a 1.0.1. issue for us to resolve. How we are going to do rectification remains to be solved, as well as the different types of things that need rectification.

Currently, I believe our status with rectification is that your value (be that a closed list value, a party, a plant, a placeName) must match exactly or else

your plot gets rejected. We need to "Create a plan" to make rectification work, but this should probably wait until we have created a framework for web pages to talk to the db and vice versa. Quite crucial for rectification to work.

So for now, I'll accept this bug as mine, and I will hopefully be able to get us moving on this for 1.0.1

#5 - 11/21/2003 11:38 PM - Michael Lee

one of 5 major bugs (or so) and thus critical and highlighted red.

We will use the notes tables to populate information which requires rectification. Thus we will need to add a note type "rectification Request".

When data are imported into Vegbank via the XML loader, several things may need rectification.

- 1) closed lists with values that don't match will need to either:
- a) user changes to match a value
 - b) user changes to make null (if nulls are allowed)

2) [more complex] certain entities that are referenced may need checking to make sure they are not duplicates (party, reference, plantConcept, commConcept, a few others). IF a user submits a new one of the above, we might want to do one of the following:

- a) add the new thing, but also add a note requesting that the user go back and check that this is indeed new. Options for user are then: a) confirm it's new, b) match to another element (ie party). IF b) we run into problems because it would be nice to delete the extraneous party that was created.
- b) not add the element, but instead store the XML as the note, and when the user deals with rectification requests, the XML is reparsed and info presented. If user says, yes this is new, it's added, if they say, no this is something else, then the something else gets referenced and the first thing goes away. This could get complex if very nested elements, but we may be able to use this route. Would have to have some rectification-placeholder elements, probably, so that taxonInterpretations could be stored, pointing to uncertain plantConcepts. This is complex, but almost all elements to be rectified are not too complex: party, plant, comm, reference, methods.

anyway, we need to develop a plan that will extend easily to new pieces of data that we'd like to rectify.

#6 - 11/08/2004 07:52 PM - Michael Lee

- Bug 760 has been marked as a duplicate of this bug. ***

#7 - 11/08/2004 07:52 PM - Michael Lee

- Bug 746 has been marked as a duplicate of this bug. ***

#8 - 11/08/2004 07:52 PM - Michael Lee

- Bug 754 has been marked as a duplicate of this bug. ***

#9 - 11/08/2004 07:53 PM - Michael Lee

- Bug 763 has been marked as a duplicate of this bug. ***

#10 - 11/08/2004 07:53 PM - Michael Lee

- Bug 759 has been marked as a duplicate of this bug. ***

#11 - 03/27/2013 02:15 PM - Redmine Admin

Original Bugzilla ID was 748