

## VegBank - Bug #1023

### Need a pile of business rules written down in one place

03/29/2003 05:43 AM - Michael Lee

<b>Status:</b>	Resolved	<b>Start date:</b>	03/29/2003
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Michael Lee	<b>% Done:</b>	0%
<b>Category:</b>	misc	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	1023		
<b>Description</b>			
<p>We need a list of our business rules so that we can know a) if we are enforcing them and b) let users know about them...</p> <p>So here's a first cut (as some fields become non-required in the database)</p> <ol style="list-style-type: none"><li>1) If you are submitting a plot that is confidential (plot.confidentialityStatus &lt;&gt; 0 [public]), you must give a reason in the plot.confidentialityReason field.</li><li>2) You must give us your plot size (area) unless it is a plotless releve.</li><li>3) You must give us your stratum method if you used strata</li><li>4) You must give us your cover method if you used cover classes</li><li>4a) you must only use percentages in taxonObservation that match a coverIndex.coverPercent value for your coverMethod, unless you used percents directly.</li><li>5) you must fill in autoTaxonCover if you used had cover.</li></ol> <p>---the following have mostly to deal with swimming upstream from a record in a table---- (foreign keys can be required "downstream", but there is no database structure which requires a table to reference every PK in a table).</p> <ol style="list-style-type: none"><li>6) at least one classContributor record must be supplied for each commclass record.</li><li>6a) at least one commInterpretation record must be supplied for each commclass record</li><li>7) at least one observation must be supplied for each plot</li><li>8) at least one observation must be supplied for each project</li><li>9) at least one observationContributor must be supplied for each observation (?)</li><li>10) at least one projectContributor must be supplied for each project?</li><li>11) at least one plant/comm-Status must be supplied for each plant/comm-Concept</li><li>12) at least one plant/comm-Usage must be supplied for each plant/comm-Status</li><li>13) at least one stratumComposition must be supplied for each stratum record (?)</li></ol>			
<b>Related issues:</b>			
Blocked by VegBank - Bug #793: Build validation package:Default values for so...		<b>New</b>	<b>11/13/2002</b>

### History

#### #1 - 12/19/2003 11:49 AM - Michael Lee

duplicate stratumMethod\_ID - stratumIndex records should not be allowed in stratumType.

duplicate coverMethod\_ID - coverCode records should not be allowed in coverIndex.

#### #2 - 09/15/2004 11:27 AM - Michael Lee

Bob emailed on Sun 11 April 2004 and agreed with these business rules as they are listed so far.

**#3 - 11/05/2004 02:26 PM - Michael Lee**

#1 in description (confidentialityReason) is now handled in the embargo table, as confidentialityReason is a reqd field.

**#4 - 12/14/2004 01:57 PM - Michael Lee**

fields with default values (plot,obs,\*name.defaultValue) should never be null. some denorm fields should never be null, after update (\*usage.\*concept\_ID)

**#5 - 12/14/2004 04:23 PM - Michael Lee**

business rules are now not completely enforced, but the current status of their being obeyed is listed here:

<http://aldo.vegbank.org/vegbank/forms/businessrules.jsp>

This is easily extended to new business rules, as the controller for this is XML/XSL system, referencing SQLStore and sometimes Database VIEWS (when the SQL is complex).

**#6 - 01/31/2005 02:54 PM - Michael Lee**

changed from components that are to be deleted to "misc" so that bugs don't get deleted with component. Sorry for all the email.

**#7 - 03/27/2013 02:16 PM - Redmine Admin**

Original Bugzilla ID was 1023