

Jalama - Bug #1933

XBL 2d Dropdown: various improvements

02/01/2005 04:35 PM - Matthew Brooke

Status:	In Progress	Start date:	02/01/2005
Priority:	Normal	Due date:	
Assignee:	Matthew Brooke	% Done:	0%
Category:	jalama-general	Estimated time:	0.00 hour
Target version:	Postpone	Spent time:	0.00 hour
Bugzilla-Id:	1933		
Description In order of priority, most urgent to least urgent: 1) rethink how enumerations get populated at runtime - currently done in javascript, and this is so slow (for large lists like species in the pisco app) that firefox pops up a dialog asking if user wants to terminate JS process. Other possibilities include: - optimizing the existing javascript code (NOTE - maybe the bottleneck is the alphabetical reordering? is this done in JS? if so, can we do it in the rules instead?) - getting menuitems from a call to a java Command in the backend 2) make scrollbox arrows bigger and easier to hit - need to inherit from and override default XUL arrowscrollbox to do this (see how default XUL menuitem was overridden in a similar fashion, in the jalama/chrome/content/widgets/enumeration_bindings.xml file) 3) reordering of entries on 2d popup screen - for example: - most recently used at top, with separator line? - alphabetical (current scheme) - cluster species groups together - species in the same spatial zone are grouped together - other arbitrary grouping to accomodate individual preferences			
Related issues: Blocked by Jalama - Bug #2039: XBL DATATABLE WIDGET Tracking Bug			
		Resolved	03/11/2005

History

#1 - 02/01/2005 04:53 PM - Matthew Brooke

0.5) Look at using 2 lines on each menuitem to display string, because long strings (eg pisco species names) get cropped and are hard to tell apart

#2 - 02/14/2005 09:45 AM - Matthew Brooke

Update to items (1) and (3)

- now have alphabetizing done in Java code - XSElementDeclarationWrapper, and not in XBL. This paves the way for orderign schemes to be configurable in rules (see item 3).

Now populates a little quicker, but still prompts to say javascript is slowing down rendering. Prime suspect is actual creation of new menuitems (cloning and adding), so need a way around that (see item 1)

#3 - 03/10/2005 01:06 PM - Matthew Brooke

done item 0.5) (using multiple lines on each menuitem to display string, because long strings (eg pisco species names) get cropped and are hard to tell apart)

#4 - 06/16/2005 11:57 AM - Matthew Brooke

Summary of what's left to do, and one added todo for color coding:

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1) rethink how enumerations get populated at runtime - currently done in javascript, and this is so slow (for large lists like species in the pisco app) that firefox pops up a dialog asking if user wants to terminate JS process. Prime suspect is actual creation of new menuitems (cloning and adding); possibilities include:
- optimizing the existing javascript code (alphabetizing already done in Java code - XSElementDeclarationWrapper, and not in XBL)
- getting menuitems from a call to a java Command in the backend

Now populates a little quicker, but still prompts to say javascript is slowing down rendering. Prime suspect is actual creation of new menuitems (cloning and adding), so need a way around that (see item 1)

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2) make scrollbox arrows bigger and easier to hit - need to inherit from and override default XUL arrowscrollbox to do this (see how default XUL menuitem was overridden in a similar fashion, in the
jalama/chrome/content/widgets/enumeration_bindings.xml file)

.....
3) reordering of entries on 2d popup screen - for example:
a) cluster species groups together, or species in the same spatial zone are grouped together
b) other arbitrary grouping to accomodate individual preferences
c) most recently used at top, with separator line?

.....
4) (NEW) color-code boxes in 2-d menu to group items (for example, invertibrates blue, kelps brown, seagrass green etc). This might be easier if dataset has a separate species table that has some classification data in it, or if dataset has a taxonomy section filled in

#5 - 08/26/2005 11:37 AM - Matthew Brooke

end of grant cleanup. Postponing

#6 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 1933