

## EDIT - feature request #7791

### Visualize the phycobank higher taxon graph

09/25/2018 12:31 PM - Andreas Kohlbecker

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	New	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Kohlbecker	<b>% Done:</b>	0%
<b>Category:</b>	cdm-vaadin	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>			
<b>Severity:</b>	normal		
<b>Description</b>			
Visualization as a layered graph which allows to explore the graph interactively			
Current concept:			
<ul style="list-style-type: none"><li>potentially suitable js-libraries:<ul style="list-style-type: none"><li><a href="http://js.cytoscape.org">http://js.cytoscape.org</a></li><li><a href="https://github.com/dagrejs/dagre-d3/wiki">https://github.com/dagrejs/dagre-d3/wiki</a></li><li><a href="https://stackoverflow.com/questions/7034/graph-visualization-library-in-javascript#2366237">https://stackoverflow.com/questions/7034/graph-visualization-library-in-javascript#2366237</a> : more libs</li><li><a href="http://visjs.org">http://visjs.org</a> ?</li></ul></li><li>integrate into vaadin as custom component or reuse an existing GWT component: <a href="https://stackoverflow.com/questions/11284116/how-to-add-d3-javascript-to-a-vaadin-application#36444320">https://stackoverflow.com/questions/11284116/how-to-add-d3-javascript-to-a-vaadin-application#36444320</a></li></ul>			
<b>TODO:</b>			
<ul style="list-style-type: none"><li>The TaxonGraphController must not expose Names associated with Registrations where the status is not PUBLISHED</li></ul>			
The taxonGraph page is available at: <a href="http://api.cybertaxonomy.org/taxonGraph/">http://api.cybertaxonomy.org/taxonGraph/</a>			
<b>Related issues:</b>			
Related to Phycobank - task #6173: Concept for a useful algae registry taxon ...		<b>Closed</b>	

#### Associated revisions

##### Revision 0962e21b - 10/02/2018 07:06 PM - Andreas Kohlbecker

ref #7791 TaxonGraphService and TaxonGraphController implemented

##### Revision 5e403d42 - 10/04/2018 02:48 PM - Andreas Kohlbecker

ref #7791 using name.titleCache as title for TaxonGraphNodeDTO

##### Revision 3406fef9 - 10/05/2018 02:40 PM - Andreas Kohlbecker

initial version of the taxonGraph visualization using cytoscape.js with dagre v0.6.4

##### Revision 9bdd2739 - 10/05/2018 02:46 PM - Andreas Kohlbecker

ref #7791 TaxonGraphNodeDTO with rank labels

##### Revision 91e05af0 - 10/05/2018 03:23 PM - Andreas Kohlbecker

ref #7791 TaxonGraphDao suppressing Names associated with Registrations where the status is not PUBLISHED

##### Revision 3005f915 - 10/08/2018 12:29 PM - Andreas Kohlbecker

ref #7791 display of the chosen datasource

##### Revision d54ba758 - 10/08/2018 12:34 PM - Andreas Kohlbecker

ref #7791 using edit-test as datasource and adding more test data

##### Revision 3b82f2c7 - 10/17/2018 12:39 PM - Andreas Kohlbecker

ref #7791 adding CORS headers to TaxonGraphService method

## History

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**#1 - 09/25/2018 02:09 PM - Andreas Kohlbecker**

- Description updated

**#2 - 09/25/2018 02:35 PM - Andreas Kohlbecker**

- Description updated

**#3 - 09/25/2018 02:35 PM - Andreas Kohlbecker**

- Description updated

**#4 - 09/25/2018 02:38 PM - Andreas Kohlbecker**

- Description updated

**#5 - 09/28/2018 08:32 AM - Andreas Kohlbecker**

- Related to task #6173: Concept for a useful algae registry taxon classification added

**#6 - 10/02/2018 07:08 PM - Andreas Kohlbecker**

- Description updated

**#7 - 10/05/2018 02:14 PM - Andreas Kohlbecker**

- Description updated

**#8 - 10/22/2018 08:55 AM - Andreas Kohlbecker**

- Description updated

- Status changed from New to Resolved

**#9 - 07/16/2019 12:48 PM - Andreas Kohlbecker**

- Status changed from Resolved to Closed

- Target version deleted (Unassigned CDM tickets)

No improvements are needed by now