

## EDIT - feature request #6113

### webservice to expose FieldUnits related to a Taxon or TaxonName as KML and/or GML

09/29/2016 11:01 AM - Andreas Kohlbecker

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Kohlbecker	<b>% Done:</b>	100%
<b>Category:</b>	cdmlib-remote	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.15		
<b>Severity:</b>	normal		
<b>Description</b>			
KML 2.2 : <a href="https://portal.ogc.org/files/?artifact_id=27810">https://portal.ogc.org/files/?artifact_id=27810</a>			
potentially helpful libraries:			
<ul style="list-style-type: none"><li>• <a href="https://github.com/micromata/javaapiforkml">https://github.com/micromata/javaapiforkml</a> ***</li><li>• <a href="https://github.com/highsource/ogc-schemas">https://github.com/highsource/ogc-schemas</a> - provides JAXB bindings for XML Schemas defined by the Open Geospatial Consortium (OGC).</li><li>• <a href="http://docs.geotools.org/stable/javadocs/index.html?org/geotools/kml/package-tree.html">http://docs.geotools.org/stable/javadocs/index.html?org/geotools/kml/package-tree.html</a> - parser only?</li></ul>			
<b>TODO:</b>			
<ul style="list-style-type: none"><li>• de-duplicate Fieldunits (The same field unit can be shared by multiple Derived Units or Determinations) the map should show only one point in this case. <b>DONE</b></li><li>• web services to implement:<ul style="list-style-type: none"><li>◦ kml/typeDesignations/{uuid-list} <b>DONE</b></li><li>◦ kml/specimensOrOccurrences/{uuid-list} <b>DONE</b></li><li>◦ <del>kml file should specify the bounds of the features</del> it is not possible to define the zoom bounds in kml, therefore this is replaced by <a href="#">#4257</a></li></ul></li></ul>			
<b>Related issues:</b>			
Related to EDIT - feature request #7952: Registration page Maps display in Ph...		<b>Rejected</b>	
Related to EDIT - feature request #4257: specimen map should zoom to area of ...		<b>Closed</b>	
Related to EDIT - feature request #8855: Show error radius in EDIT portal		<b>Closed</b>	
Related to EDIT - feature request #2684: Allow custom setting for style, colo...		<b>New</b>	
Related to EDIT - feature request #3697: Distinguish display of fossil and "n...		<b>New</b>	
Related to EDIT - feature request #8972: integrate kml layers into map viewer		<b>Closed</b>	
Related to EDIT - task #8985: Enable the general controller for OPTIONS requests		<b>New</b>	
Related to EDIT - bug #9099: placemark icon in kml map not clickable		<b>Closed</b>	
Blocks EDIT - feature request #4488: Specimen data points in map should show ...		<b>Closed</b>	

#### Associated revisions

##### Revision 4a186e0a - 04/02/2020 04:14 PM - Andreas Kohlbecker

ref #6113 adding dependency to KML types

##### Revision c795a3a1 - 04/22/2020 05:06 PM - Andreas Kohlbecker

ref #6113 dependencies for gis and kml functionality

##### Revision 5f5cfe6a - 04/22/2020 05:06 PM - Andreas Kohlbecker

ref #6113 producing more complete kml for DerivedUnits & general controller for HTTP OPTIONS requests

##### Revision ad6c5f7d - 04/23/2020 04:03 PM - Andreas Müller

ref #6113 OSGeo Repository to CDM Server

##### Revision 3ec52172 - 04/23/2020 04:21 PM - Andreas Müller

ref #6113 add OSGeo Repository to vaadin

**Revision 3c12d463 - 04/23/2020 04:32 PM - Andreas Müller**

ref #6113 add OSGeo Repository to cdm-webapp

**Revision 6a4d8b86 - 04/23/2020 04:50 PM - Andreas Müller**

ref #6113 temporarily remove kmlMarshaller

**Revision d591d6d8 - 04/23/2020 05:03 PM - Andreas Müller**

ref #6113 temporarily remove kmlMarshaller

**Revision 533b841a - 04/23/2020 06:08 PM - Andreas Müller**

ref #6113 exclude old jaxb version dependencies from JavaAPIforKml

**Revision dfe8c2de - 04/28/2020 10:28 AM - Andreas Kohlbecker**

ref #6113, ref #4488 de-duplicating field units

**Revision 98fe0c12 - 04/28/2020 05:10 PM - Andreas Kohlbecker**

ref #6113 fixing NPE

**Revision 30ae270f - 04/28/2020 05:40 PM - Andreas Kohlbecker**

ref #6113 temporarily disabling the OptionsController

**Revision fcd823af - 04/29/2020 09:36 AM - Andreas Kohlbecker**

ref #6113, ref #8985 adding replacement OPTIONS service only for the KML controller

**Revision a0880292 - 04/29/2020 01:52 PM - Andreas Kohlbecker**

ref #6113 more kml web services and a missing name service method

**Revision c83d415f - 05/06/2020 09:31 AM - Andreas Kohlbecker**

ref #6113 improving unit title in occurrences KML

## History

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**#1 - 09/29/2016 11:02 AM - Andreas Kohlbecker**

- Parent task set to #4488

**#2 - 10/05/2016 11:09 AM - Andreas Müller**

- Category set to Import

- Assignee set to Andreas Kohlbecker

**#3 - 07/18/2018 09:45 PM - Andreas Kohlbecker**

- Target version changed from Unassigned CDM tickets to Release 5.2

**#4 - 07/18/2018 09:59 PM - Andreas Kohlbecker**

- Description updated

**#5 - 07/18/2018 09:59 PM - Andreas Kohlbecker**

- Description updated

**#6 - 07/18/2018 10:01 PM - Andreas Kohlbecker**

- Tags set to map

**#7 - 08/17/2018 03:54 PM - Andreas Kohlbecker**

- Target version changed from Release 5.2 to Release 5.3

**#8 - 09/06/2018 11:15 AM - Andreas Kohlbecker**

- Target version changed from Release 5.3 to Release 5.4

**#10 - 10/23/2018 01:04 PM - Andreas Kohlbecker**

- Target version changed from Release 5.4 to Release 5.5

**#11 - 12/13/2018 10:28 AM - Andreas Kohlbecker**

- Related to feature request #7952: Registration page Maps display in PhycoBank portal added

**#12 - 01/30/2019 11:30 AM - Andreas Kohlbecker**

- Target version changed from Release 5.5 to Release 5.6

**#13 - 02/19/2019 05:26 PM - Andreas Kohlbecker**

- Related to feature request #4257: specimen map should zoom to area of distribution added

**#14 - 02/22/2019 05:25 PM - Andreas Kohlbecker**

- Target version changed from Release 5.6 to Unassigned CDM tickets

**#15 - 07/05/2019 12:29 AM - Andreas Kohlbecker**

- Subject changed from webserivce to expose FieldUnits related to a Taxon as KML and/or GML to webserivce to expose FieldUnits related to a Taxon TaxonName as KML and/or GML

**#16 - 07/05/2019 12:38 AM - Andreas Kohlbecker**

- Description updated

**#17 - 02/24/2020 12:16 PM - Andreas Kohlbecker**

- Priority changed from New to Highest

- Target version changed from Unassigned CDM tickets to Release 5.14

**#18 - 02/24/2020 01:41 PM - Andreas Kohlbecker**

- Related to feature request #8855: Show error radius in EDIT portal added

**#19 - 04/06/2020 01:29 PM - Andreas Kohlbecker**

- Category changed from cdm-dataportal to cdm-lib-remote

**#20 - 04/06/2020 03:50 PM - Andreas Kohlbecker**

- Related to feature request #2684: Allow custom setting for style, color and size for occurrence map symbols added

**#21 - 04/08/2020 09:01 AM - Andreas Kohlbecker**

- Related to feature request #3697: Distinguish display of fossil and "normal" occurrence records in specimen map added

**#22 - 04/08/2020 04:13 PM - Andreas Müller**

- Target version changed from Release 5.14 to Release 5.15

**#23 - 04/22/2020 05:09 PM - Andreas Kohlbecker**

- Related to feature request #8972: integrate kml layers into map viewer added

**#24 - 04/22/2020 05:16 PM - Andreas Kohlbecker**

- Parent task deleted (#4488)

**#25 - 04/22/2020 05:16 PM - Andreas Kohlbecker**

- Blocks feature request #4488: Specimen data points in map should show FieldUnit information added

**#26 - 04/22/2020 05:39 PM - Andreas Kohlbecker**

- % Done changed from 0 to 30

**#27 - 04/22/2020 05:40 PM - Andreas Kohlbecker**

- Status changed from New to In Progress

**#28 - 04/22/2020 08:16 PM - Andreas Kohlbecker**

- Description updated

**#29 - 04/22/2020 08:16 PM - Andreas Kohlbecker**

- Description updated

**#30 - 04/27/2020 11:46 AM - Andreas Kohlbecker**

- Subject changed from webserivce to expose FieldUnits related to a Taxon TaxonName as KML and/or GML to webserivce to expose FieldUnits related to a Taxon or TaxonName as KML and/or GML

**#31 - 04/29/2020 09:34 AM - Andreas Kohlbecker**

- Related to task #8985: Enable the general controller for OPTIONS requests added

**#32 - 04/29/2020 01:18 PM - Andreas Kohlbecker**

- Description updated

- % Done changed from 30 to 40

**#33 - 04/29/2020 01:20 PM - Andreas Kohlbecker**

- Description updated

**#34 - 04/29/2020 01:56 PM - Andreas Kohlbecker**

- Description updated

- % Done changed from 40 to 30

**#35 - 04/29/2020 01:57 PM - Andreas Kohlbecker**

- Description updated

**#36 - 04/29/2020 03:27 PM - Andreas Kohlbecker**

- Description updated

**#37 - 04/29/2020 03:29 PM - Andreas Kohlbecker**

- Description updated

**#38 - 04/29/2020 04:38 PM - Andreas Müller**

- Subject changed from webserivce to expose FieldUnits related to a Taxon or TaxonName as KML and/or GML to webservice to expose FieldUnits related to a Taxon or TaxonName as KML and/or GML

**#39 - 05/04/2020 08:59 AM - Andreas Kohlbecker**

- Description updated

**#40 - 05/04/2020 11:50 AM - Andreas Kohlbecker**

- Status changed from In Progress to Closed

- % Done changed from 30 to 100

ticket complete, I think reviewing by someone else is not needed, therefor I am closing this ticket directly.

**#41 - 07/02/2020 10:34 AM - Andreas Kohlbecker**

- Related to bug #9099: placemark icon in kml map not clickable added