

## EDIT - task #4911

### improve performance of distributionInfoFor service

05/18/2015 05:48 PM - Andreas Kohlbecker

<b>Status:</b>	In Progress	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Müller	<b>% Done:</b>	0%
<b>Category:</b>	cdmlib	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.43		
<b>Severity:</b>	normal		
<b>Description</b>			
currently the distributionInfoFor service call is the slowest request for a lot of portals to build up the taxon general page:  for example euro+med Bellis perennis: <a href="http://160.45.63.175/cdmserver/euromed/portal/description/distributionInfoFor/0eb6ca37-3365-4af5-a800-8fc4b8c366fa.json?statusOrderPreference=1&amp;subAreaPreference=1&amp;hideMarkedAreas=ae7874dd-374d-4ba2-89a2-90bfd5e35305&amp;part=mapUriParams&amp;part=tree&amp;omitLevels=38efa5fd-d7f0-451c-9de9-e6cce41e2225&amp;statusColors=[%0D%0A++++%22p%22%3A+%22%239CDF00%22%2C%0D%0A++++%22n%22%3A+%22%23008000%22%2C%0D%0A++++%22nd%22%3A+%22%2300FF00%22%2C%0D%0A++++%22nq%22%3A+%22%2300c8b4%22%2C%0D%0A++++%22f%22%3A+%22%23FFFFFF%22%2C%0D%0A++++%22in%22%3A+%22%23C86400%22%2C%0D%0A++++%22i%22%3A+%22%23C89600%22%2C%0D%0A++++%22ip%22%3A+%22%23C89600%22%2C%0D%0A++++%22ia%22%3A+%22%23c8c800%22%2C%0D%0A++++%22iq%22%3A+%22%23ffc896%22%2C%0D%0A++++%22c%22%3A+%22%23ffff00%22%0D%0A]">http://160.45.63.175/cdmserver/euromed/portal/description/distributionInfoFor/0eb6ca37-3365-4af5-a800-8fc4b8c366fa.json?statusOrderPreference=1&amp;subAreaPreference=1&amp;hideMarkedAreas=ae7874dd-374d-4ba2-89a2-90bfd5e35305&amp;part=mapUriParams&amp;part=tree&amp;omitLevels=38efa5fd-d7f0-451c-9de9-e6cce41e2225&amp;statusColors=[%0D%0A++++%22p%22%3A+%22%239CDF00%22%2C%0D%0A++++%22n%22%3A+%22%23008000%22%2C%0D%0A++++%22nd%22%3A+%22%2300FF00%22%2C%0D%0A++++%22nq%22%3A+%22%2300c8b4%22%2C%0D%0A++++%22f%22%3A+%22%23FFFFFF%22%2C%0D%0A++++%22in%22%3A+%22%23C86400%22%2C%0D%0A++++%22i%22%3A+%22%23C89600%22%2C%0D%0A++++%22ip%22%3A+%22%23C89600%22%2C%0D%0A++++%22ia%22%3A+%22%23c8c800%22%2C%0D%0A++++%22iq%22%3A+%22%23ffc896%22%2C%0D%0A++++%22c%22%3A+%22%23ffff00%22%0D%0A]</a> takes 8.416s 2015-05-18 see also git tag 2015-05-18_01			
possible improvements:			
<ul style="list-style-type: none"><li>• avoid term loading in web service controllers, this may be caused by making use of the TermBaseListPropertyEditor</li><li>• avoiding second distribution filtering when creating the DistributionServiceRequestParameterString, see comment 3</li></ul>			
<b>Related issues:</b>			
Related to EDIT - feature request #9271: Improve E+M dataportal performance		In Progress	
Related to EDIT - task #9524: Use non-model objects in database queries for g...		In Progress	
Related to EDIT - task #10222: Use DTOs for portal taxon page - first impleme...		Closed	
Related to EDIT - feature request #10322: Use DTOs for portal taxon page (cont.)		In Progress	
Related to EDIT - feature request #10474: Improve occurrence loading for taxo...		New	

## History

### #1 - 05/20/2015 11:28 AM - Andreas Kohlbecker

- Status changed from New to In Progress

### #2 - 05/20/2015 01:23 PM - Andreas Kohlbecker

improvements implemented:

- r23851, r23844, r23840,

See also the related improvements made at the AdvancedBeanInitializer [#4919#note-1](#)

### #3 - 06/24/2015 02:57 PM - Andreas Kohlbecker

- Target version changed from cdmlib RELEASE 3.5.2 to Release 3.7

this was not closed in Release 3.5.2

Applying another improvement which is only in git at the moment: d798947 (UPDATE: pushed and now also in svn as r24421) - avoiding second distribution filtering when creating the DistributionServiceRequestParameterString

### #4 - 07/20/2015 12:16 PM - Andreas Müller

- Target version changed from Release 3.7 to Release 3.8

**#5 - 09/11/2015 01:57 PM - Andreas Kohlbecker**

- Target version deleted (Release 3.8)

moving unresolved tickets to next milestone after release of 3.8.0

**#6 - 12/18/2015 12:23 PM - Andreas Müller**

- Target version deleted (Release 3.12)

**#7 - 05/02/2016 03:12 PM - Andreas Müller**

- Target version changed from Release 4.0 to Release 4.1

**#8 - 06/01/2016 01:23 PM - Andreas Müller**

- Target version changed from Release 4.1 to Release 4.2

**#9 - 07/06/2016 03:23 PM - Andreas Müller**

- Target version changed from Release 4.2 to Release 4.3

**#10 - 09/23/2016 03:28 PM - Andreas Müller**

- Target version changed from Release 4.3 to Release 4.4

**#11 - 12/01/2016 02:17 PM - Andreas Müller**

- Target version changed from Release 4.4 to Release 4.5

**#12 - 01/19/2017 01:22 PM - Andreas Müller**

- Target version changed from Release 4.5 to Release 4.6

**#13 - 03/17/2017 08:10 AM - Andreas Müller**

- Target version changed from Release 4.6 to Release 4.7

**#14 - 05/10/2017 06:36 PM - Andreas Müller**

- Description updated

- Private changed from Yes to No

**#15 - 05/10/2017 09:08 PM - Andreas Kohlbecker**

- Target version changed from Release 4.7 to Release 4.8

**#16 - 07/06/2017 10:24 PM - Andreas Müller**

- Target version changed from Release 4.8 to Release 4.9

**#17 - 07/21/2017 10:13 AM - Andreas Müller**

- Target version changed from Release 4.9 to Release 4.10

**#18 - 09/25/2017 12:21 PM - Andreas Kohlbecker**

- Target version changed from Release 4.10 to Release 4.11

**#19 - 11/08/2017 11:23 AM - Andreas Müller**

- Target version changed from Release 4.11 to Release 4.12

**#20 - 12/05/2017 02:05 PM - Andreas Müller**

- Target version changed from Release 4.12 to Release 4.13

**#21 - 01/31/2018 12:47 PM - Andreas Müller**

- Target version changed from Release 4.13 to Release 4.14

**#22 - 02/15/2018 03:36 PM - Andreas Müller**

- Target version changed from Release 4.14 to Release 5.0

**#23 - 05/16/2018 11:35 AM - Andreas Kohlbecker**

- Target version changed from Release 5.0 to Release 5.1

**#24 - 06/28/2018 08:10 AM - Andreas Kohlbecker**

- Tags changed from performance to performance, euro+med
- Assignee changed from Andreas Kohlbecker to Andreas Müller
- Target version changed from Release 5.1 to Release 5.2

Hi Andreas, I am passing this issue to you, since you are in the euro+med sprint, ähhh, long-distance run!

**#25 - 08/17/2018 04:03 PM - Andreas Müller**

- Target version changed from Release 5.2 to Release 5.3

**#26 - 09/06/2018 10:06 AM - Andreas Müller**

- Target version changed from Release 5.3 to Release 5.5

**#27 - 02/14/2019 10:33 PM - Andreas Müller**

- Target version changed from Release 5.5 to Release 5.6

**#28 - 02/19/2019 05:21 PM - Andreas Müller**

- Priority changed from New to Highest
- Target version changed from Release 5.6 to Reviewed Next Major Release

**#29 - 11/02/2020 09:48 PM - Andreas Müller**

- Related to feature request #9271: Improve E+M dataportal performance added

**#30 - 03/23/2022 10:35 AM - Andreas Müller**

- Target version changed from Reviewed Next Major Release to Release 5.44

**#31 - 03/23/2022 10:57 AM - Andreas Müller**

- Related to task #9524: Use non-model objects in database queries for getDistributionInfoFor added

**#32 - 05/27/2023 10:34 PM - Andreas Müller**

- Related to task #10222: Use DTOs for portal taxon page - first implementation for E+M added

**#33 - 05/27/2023 10:34 PM - Andreas Müller**

- Related to feature request #10322: Use DTOs for portal taxon page (cont.) added

**#34 - 02/14/2024 10:54 PM - Andreas Müller**

- Target version changed from Release 5.44 to Release 5.43

The remaining issues here are probably mostly duplicating [#9524](#).

**#35 - 02/16/2024 09:56 AM - Andreas Müller**

- Related to feature request #10474: Improve occurrence loading for taxon page added