

EDIT - feature request #5050

feature request # 3904 (Closed): EuroMed: Implement filtering rules for distributions

revise the subAreaPreference rule for filtering Distributions

06/30/2015 10:33 AM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdmlib	Estimated time:	16:00 hours
Target version:	Release 5.21		
Severity:	critical		

Description

The subAreaPreference rule for filtering Distributions is implemented in the DescriptionUtility.filterDistributions()

Sub area preference rule

The rule as currently implemented:

"If there is an area with a direct sub area and both areas have the same computed status only the information on the sub area should be reported, whereas the super area should be ignored."

This rule has a restriction which is no longer valid:

"NOTE: this rule only applies to non computed areas, since the second rule is applied first!. **TODO** this is no longer valid since the second rule has been removed_" the so called second rule was: "In computed distributions, distributions in sub areas are preferred over those for parent areas if they have the same status"

Questions and Facts

- **The subAreaPreference rule must only affect the maps and never must remove any Area from textual distribution information.** It is originally only implemented in attachment:"#3904:FillHelsinkiOccurrence.bas" which had sole purpose of preparing the table to be sent to Helsinki for creating the maps. **TODO:** make subAreaPreference rule independent from other filters and execute it exclusively for maps. **DONE** [r24597|r24598]
- The subAreaPreference rule must be applied to all Distributions, to computed and edited. This can be clearly seen in attachment:"#3904:FillHelsinkiOccurrence.bas" - UPDATE: the subAreaPreference was never limited to only computed Distributions, this was only confused in the documentation and comments. **TODO:** disentangle documentation and clean up old code fragments **DONE** r24597

Originally requested in

- 1. [#2625](#) Data aggregation functionalities for E+M (TransmissionEngine)*

in Ticket description:

When generating maps from the accumulated distribution information some special cases have to be handled: If there is an area with a sub area and both areas have the same calculated status only the subarea status should be shown in the map, whereas the super area should be ignored.

and secondly in a follow up ticket:

- 2. [#3904](#) EuroMed: Implement filtering rules for Distributions**

[\[#3904#note-2\]](#):

- Cz Former Czechoslovakia soll nur dann ausgegeben werden, wenn es für keines der Teilareale (Cs Czech Republic oder Sk Slovakia) eine Angabe gibt;
- Ju Former Jugoslavia soll nur dann ausgegeben werden, wenn es für keines der Teilareale (BH, Cg, Ct, Mk, Sl, Sr) eine Angabe gibt ;

- IJ Israel-Jordan soll nur dann ausgegeben werden, wenn es für keines der Teilareale (Ir, Jo) eine Angabe gibt;
- LS Lebanon-Syria soll nur dann ausgegeben werden, wenn es für keines der Teilareale (Le, Sy) eine Angabe gibt;

UPDATE: At least above requirement for **Ju** conflicts with the other rules, see [#4408#note-6]

Issues that exist with this rule

A couple of issues exist which are related to this rule:

- [#3907#note-26] the rule causes removal of named areas which should occur in the condensed distribution
- #4409 (filtering rules for Distributions: some named areas with sub areas are missing in distribution)
- #4408 (Distribution filter rule 2 not working in all cases)

Related issues:

Related to EDIT - feature request #6452: Deduplicate equal subareas like TDWG...	New
Related to EDIT - bug #8297: Fix condensed distribution string for E+M	Closed
Related to EDIT - task #8671: Distribution in E+M (BM) on different levels	Rejected
Related to EDIT - bug #8670: Unwanted distribution aggregation/display on 2 l...	Closed
Related to EDIT - bug #9143: Distribution data sources are missing if multipl...	Closed
Related to EDIT - bug #7107: "Omit level" (TDWG Level2) in distribution hiera...	Discussed
Related to EDIT - feature request #9502: Implement subarea preference rule an...	Resolved
Related to EDIT - bug #8310: Issues to solve in E+M shapefile	Closed

History

#1 - 06/30/2015 10:50 AM - Andreas Kohlbecker

- Status changed from *New* to *In Progress*

#2 - 06/30/2015 04:09 PM - Andreas Kohlbecker

- Status changed from *In Progress* to *Resolved*

- Assignee changed from *Andreas Kohlbecker* to *Andreas Müller*

fixing all issues mentioned in this ticket:

- [r24598 applying subAreaPreference rule exclusively for maps]* r24597] subAreaPreference Rule can be run completely separately

#3 - 06/30/2015 10:44 PM - Andreas Müller

- Category changed from *architecture* to *cdmllib*

#4 - 03/01/2017 05:56 PM - Andreas Müller

- Related to feature request #6452: Deduplicate equal subareas like TDWG level 4 -00 areas added

#6 - 02/14/2018 03:39 PM - Andreas Kohlbecker

- Description updated

#9 - 05/09/2018 06:34 PM - Andreas Müller

- Status changed from *Resolved* to *In Progress*

- % Done changed from *0* to *40*

- Estimated time set to *16:00 h*

#10 - 05/25/2018 11:44 AM - Andreas Müller

- Target version changed from *Release 3.7* to *Release 5.1*

#11 - 06/27/2018 02:29 PM - Andreas Müller

- Target version changed from *Release 5.1* to *Release 5.2*

#12 - 08/17/2018 04:05 PM - Andreas Müller

- Target version changed from *Release 5.2* to *Release 5.3*

#13 - 09/06/2018 10:10 AM - Andreas Müller

- Target version changed from Release 5.3 to Release 5.4

#14 - 10/23/2018 11:31 AM - Andreas Müller

- Target version changed from Release 5.4 to Release 5.5

#15 - 02/14/2019 10:33 PM - Andreas Müller

- Target version changed from Release 5.5 to Release 5.6

#16 - 02/19/2019 05:51 PM - Andreas Müller

- Target version changed from Release 5.6 to Release 5.7

#17 - 05/03/2019 02:57 PM - Andreas Müller

- Target version changed from Release 5.7 to Release 5.8

#18 - 05/23/2019 11:54 AM - Andreas Müller

- Related to bug #8297: Fix condensed distribution string for E+M added

#19 - 07/19/2019 03:34 PM - Andreas Müller

- Target version changed from Release 5.8 to Release 5.10

#20 - 09/18/2019 01:33 PM - Andreas Müller

- Target version changed from Release 5.10 to Release 5.11

#21 - 11/04/2019 12:30 PM - Andreas Müller

- Private changed from Yes to No

#22 - 11/06/2019 01:12 PM - Andreas Müller

- Target version changed from Release 5.11 to Release 5.12

#23 - 11/19/2019 11:14 PM - Andreas Müller

- Related to task #8671: Distribution in E+M (BM) on different levels added

#24 - 11/20/2019 01:49 AM - Andreas Müller

- Related to bug #8670: Unwanted distribution aggregation/display on 2 levels added

#25 - 01/16/2020 12:53 PM - Andreas Müller

- Target version changed from Release 5.12 to Release 5.13

#26 - 03/09/2020 03:24 PM - Andreas Müller

- Target version changed from Release 5.13 to Release 5.14

#27 - 04/08/2020 03:42 PM - Andreas Müller

- Target version changed from Release 5.14 to Release 5.15

#28 - 06/23/2020 01:47 PM - Andreas Müller

- Target version changed from Release 5.15 to Release 5.18

#29 - 12/03/2020 05:59 PM - Andreas Müller

- Target version changed from Release 5.18 to Release 5.19

#30 - 01/27/2021 04:01 PM - Andreas Müller

- Target version changed from Release 5.19 to Release 5.21

#31 - 02/06/2021 08:56 PM - Andreas Müller

- Related to bug #9143: Distribution data sources are missing if multiple distributions exist added

#32 - 03/01/2021 09:13 PM - Andreas Müller

- Related to bug #7107: "Omit level" (TDWG Level2) in distribution hierarchy should not suppress distributions source reference added

#33 - 03/02/2021 07:37 PM - Andreas Müller

- Related to feature request #9502: Implement subarea preference rule and fallback areas for areas with complex hierarchy added

#34 - 03/02/2021 07:42 PM - Andreas Müller

- Status changed from In Progress to Closed

- Assignee changed from Andreas Müller to Andreas Kohlbecker

Generally this is fixed. The subarea preference is implemented for map creation. Some open issues with fallback areas are handled in [#9502](#).

Shapefile issues were solved in [#8310](#).

#35 - 03/02/2021 07:43 PM - Andreas Müller

- % Done changed from 40 to 100

#36 - 03/02/2021 07:43 PM - Andreas Müller

- Related to bug #8310: Issues to solve in E+M shapefile added