

## EDIT - feature request #9279

### Improve type designation formatting and TypeDesignationSetManager

11/05/2020 02:08 PM - Andreas Müller

|   |                |                        |                    |
|---|----------------|------------------------|--------------------|
| <b>Status:</b>  | Closed         | <b>Start date:</b>     |                    |
| <b>Priority:</b>  | Highest        | <b>Due date:</b>       |                    |
| <b>Assignee:</b>  | Andreas Müller | <b>% Done:</b>         | 100%               |
| <b>Category:</b>  | cdmlib         | <b>Estimated time:</b> | 0:00 hour          |
| <b>Target version:</b>  | Release 5.18   |                        |                    |
| <b>Severity:</b>  | normal         |                        |                    |
| <b>Description</b>  |                |                        |                    |
| these are open issues from <a href="#">#7700</a> and general issues   |                |                        |                    |
| Some issues are   |                |                        |                    |
| <ul style="list-style-type: none"><li>parameterize formatting (with citation, with starting "Type:" label, with name if available, ...)</li><li>add "spaced" EN-DASH between name and type</li><li>use always brackets for the type status + specimen part of specimen types (behind the field unit part)</li><li>use lower case type status except for first position</li><li>use always ":" as separator between type status and specimen</li><li>remove unwanted dot behind specimen accession number</li><li>use common method for creating string and TaggedText</li><li>use TypeDesignationDTO</li></ul>  |                |                        |                    |
| open issue:   |                |                        |                    |
| <ul style="list-style-type: none"><li>replace TypedEntityReference by real entities as they are not necessary or use them only where necessary</li><li>move to cdmlib.model if possible</li><li>split the structuring manager and the formatter part =&gt; mostly done but still some open issues (e.g. for the TypeDesignationDTO TaggedText creation which should not be done in the manager)</li><li>improve formatting for media specimen =&gt; <a href="#">#9597</a></li><li>improve formatting for unparsed specimen (specimen being placeholders for full type information, usually having a protected title cache and not being attached to a field unit; but difficult to differ from unparsed pure specimen without type information)</li></ul> |                |                        |                    |
| <b>Related issues:</b>  |                |                        |                    |
| Related to EDIT - feature request #7700: use TypeDesignationSetManager for cr...  |                |                        | <b>Closed</b>      |
| Related to EDIT - bug #9302: Phycobank related issues for TypeDesignation for...  |                |                        | <b>In Progress</b> |
| Related to EDIT - bug #8984: Registration search result list: Format display ...  |                |                        | <b>New</b>         |
| Related to EDIT - feature request #7696: use compact type representations in ...  |                |                        | <b>Resolved</b>    |
| Related to EDIT - feature request #7695: web service providing compact TypeDe...  |                |                        | <b>In Progress</b> |
| Related to EDIT - feature request #6718: Constistent TypeDesignation represen...  |                |                        | <b>Duplicate</b>   |
| Related to EDIT - bug #9366: Specimen type designation with specimen having o...  |                |                        | <b>Closed</b>      |
| Related to EDIT - bug #9256: CdmLightExport: NameTypeDesignation string misse...  |                |                        | <b>Closed</b>      |
| Related to EDIT - bug #9384: DefaultReferenceCacheStrategy.createShortCitatio...  |                |                        | <b>Closed</b>      |
| Related to EDIT - bug #9317: Handle NameTypeDesignations on name basis not on...  |                |                        | <b>In Progress</b> |
| Related to EDIT - feature request #9570: Use tagged text for NameTypeDesginat...  |                |                        | <b>Closed</b>      |
| Copied to EDIT - feature request #9596: Open issues for TypeDesignationWorkin...  |                |                        | <b>In Progress</b> |
| Copied to EDIT - feature request #9597: Improve formatting of MediaSpecimen i...  |                |                        | <b>Closed</b>      |

#### Associated revisions

**Revision ab1f58a9 - 11/05/2020 02:21 PM - Andreas Müller**

ref #9279 improve TypeDesignationSetManager

**Revision 22354fa0 - 11/06/2020 05:15 PM - Andreas Kohlbecker**

ref #8402 ref #9279 adapting sort order to latest changes in TypeDesignationSetManager

**Revision 071a56e6 - 11/06/2020 05:20 PM - Andreas Kohlbecker**

ref #8402 ref #9279 adapting sort order to latest changes in TypeDesignationSetManager - commenting

**Revision 9e82c512 - 11/23/2020 10:12 PM - Andreas Müller**

ref #9279 remove redundant string and TaggedText computing and fix post separator for names type sets

**Revision 5ca40190 - 11/24/2020 02:35 PM - Andreas Müller**

ref #9279 remove redundant typifiedNameRef (TypedEntityReference) and cleanup

**Revision 7471539c - 11/24/2020 05:31 PM - Andreas Müller**

ref #9279 separate formatting from TypeDesignationSetManager and extract TypeDesignationWorkingSet as top level class and some cleanup

**Revision c386f139 - 11/24/2020 06:16 PM - Andreas Müller**

ref #9279 improve generics for TypedEntityReference

**Revision de5e3f7c - 11/24/2020 06:23 PM - Andreas Müller**

ref #9279 extract TypeDesignationWorkingSet as top level class and some cleanup (vaadin)

**Revision cbe1466f - 11/24/2020 06:23 PM - Andreas Müller**

ref #9279 improve generics for TypedEntityReference (vaadin)

**Revision 32955f5b - 11/24/2020 06:56 PM - Andreas Müller**

ref #9279 make WorkingSet a Map again and fix typo in RegistrationDTO attribute and fix jsonConfigurations

**Revision 6d344620 - 11/24/2020 07:30 PM - Andreas Müller**

ref #9279 fix make WorkingSet a Map again and cleanup

**Revision 47f6500b - 11/24/2020 08:51 PM - Andreas Müller**

ref #9279 use RegistrationDTO instead of TypedEntityReference for TypeDesignations

**Revision d38359c9 - 11/24/2020 08:55 PM - Andreas Müller**

ref #9279 fix type and improve generics for TypedEntityReference (vaadin, cont.)

**Revision a0ab64df - 11/24/2020 09:45 PM - Andreas Müller**

ref #9279 adapt orderTypeDesig type in cdmdataportal

**Revision 27a6e8d7 - 11/24/2020 09:58 PM - Andreas Müller**

ref #9279 add TypedEntities to TypeDesignationDTO

**Revision 1918f07a - 11/24/2020 11:04 PM - Andreas Müller**

ref #9279 fix TypedEntity for source

**Revision e2771053 - 11/25/2020 05:46 PM - Andreas Kohlbecker**

ref #9279 adding TypeDesignationDTO to cdm\_ws\_base\_uri()

**Revision d8417735 - 11/25/2020 06:08 PM - Andreas Kohlbecker**

ref #9279 TypeDesignationDTO basing on new class RepresentableEntityReference

**Revision 86b95854 - 11/25/2020 06:10 PM - Andreas Kohlbecker**

ref #9279 using taggedText in TypeDesignationDTO in portal

**Revision f00c6f98 - 11/26/2020 11:12 AM - Andreas Kohlbecker**

ref #9279 adapting class attribute handling to TypeDesignationDTO

**Revision 79221c91 - 11/30/2020 11:48 AM - Andreas Kohlbecker**

ref #9279 adapting test to modified output of the TypeDesignationSetManager

**Revision 619db306 - 01/13/2021 04:14 PM - Andreas Müller**

## History

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### #1 - 11/05/2020 02:08 PM - Andreas Müller

- Subject changed from *Improve type designation formatting and TypeDesignationSetManagerTest* to *Improve type designation formatting and TypeDesignationSetManager*

### #2 - 11/05/2020 02:08 PM - Andreas Müller

- % Done changed from 0 to 40

### #3 - 11/06/2020 12:16 PM - Andreas Müller

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

### #4 - 11/06/2020 01:05 PM - Andreas Müller

- Description updated

### #5 - 11/06/2020 01:06 PM - Andreas Müller

An example for unparsed specimen from Cactaceae: *Selenicereus anthonyanus* (Alexander) D.R.Hunt

Resulting in:

– Types: (Mexico, Chiapas, Pico Carrizal, 12 miles north of Ocozocuatla, near the trail to Quechula, Feb. 1946, T. MacDougall, cult. H. E. Anthony (NY, not extant)); (lectotype: [illustration] “Fig. 64” of Alexander Cact. Succ. J. (Los Angeles) 22: 166. 1950)

### #6 - 11/13/2020 08:54 AM - Andreas Müller

- Related to feature request #7700: use *TypeDesignationSetManager* for creating *typedesignation* string in *cdmlightExport* added

### #7 - 11/13/2020 09:00 AM - Andreas Müller

- Description updated

### #8 - 11/14/2020 08:12 PM - Andreas Müller

- Related to bug #9302: *Phycobank* related issues for *TypeDesignation* formatting added

### #9 - 11/14/2020 08:29 PM - Andreas Müller

- Related to bug #8984: *Registration* search result list: *Format* display of two type specimens added

### #10 - 11/23/2020 10:14 PM - Andreas Müller

- Description updated

### #11 - 11/24/2020 10:21 AM - Andreas Müller

- Related to bug #3046: *Sort* order for *taxa* with *status* not being *nom.inval.* is incorrect added

### #12 - 11/24/2020 10:28 AM - Andreas Müller

- Related to deleted (bug #3046: *Sort* order for *taxa* with *status* not being *nom.inval.* is incorrect)

### #13 - 11/24/2020 10:44 PM - Andreas Müller

- Description updated

### #14 - 11/24/2020 11:00 PM - Andreas Müller

- Description updated

### #15 - 11/30/2020 01:27 PM - Andreas Kohlbecker

- Related to feature request #7696: use compact type representations in the synonymy as provided by the *typedesignations/byTaxon/{taxon\_uid}* service added

### #16 - 11/30/2020 01:27 PM - Andreas Kohlbecker

- Related to feature request #7695: web service providing compact *TypeDesignation* representation for homotypic groups and individual *taxa* added

**#17 - 11/30/2020 01:53 PM - Andreas Kohlbecker**

- Related to feature request #6718: Consistent TypeDesignation representation creation added

**#18 - 01/04/2021 07:11 PM - Andreas Müller**

- Related to bug #9366: Specimen type designation with specimen having only collection name but not collection code does not show collection information added

**#19 - 01/04/2021 07:18 PM - Andreas Müller**

- Related to bug #9256: CdmLightExport: NameTypeDesignation string misses parenthesis for authors added

**#20 - 01/13/2021 04:13 PM - Andreas Müller**

- Related to bug #9384: DefaultReferenceCacheStrategy.createShortCitation() working not correctly for Teams with two members added

**#21 - 01/15/2021 06:56 PM - Andreas Müller**

- Related to bug #9317: Handle NameTypeDesignations on name basis not on homotypic group basis in outputs added

**#22 - 03/30/2021 09:05 PM - Andreas Müller**

- Related to feature request #9570: Use tagged text for NameTypeDesignations name part added

**#23 - 04/30/2021 08:01 PM - Andreas Müller**

- Copied to feature request #9596: Open issues for TypeDesignationWorkingSet added

**#24 - 04/30/2021 08:04 PM - Andreas Müller**

- Copied to feature request #9597: Improve formatting of MediaSpecimen in TypeDesignationWorkingSet formatting added

**#25 - 04/30/2021 08:05 PM - Andreas Müller**

- Tags set to formatting

- Description updated

- Status changed from In Progress to Closed

- % Done changed from 40 to 100

move open issues to new tickets [#9596](#) and [#9597](#) and close this ticket.

**#26 - 05/05/2021 10:35 AM - Andreas Kohlbecker**

- Tags changed from formatting to formatting, type designation

**#27 - 07/08/2021 10:32 AM - Andreas Müller**

- Related to bug #9702: TypeDesignationSetManager repeats specimen string for specimens without field unit added

**#28 - 07/08/2021 10:48 AM - Andreas Müller**

- Related to deleted (bug #9702: TypeDesignationSetManager repeats specimen string for specimens without field unit)