**URIs that express the same license in OPAL data**

**Here we will not talk about license URIs with equivalent https:// or http:// or** [**http://www**](http://www)**. This check has already been done and implemented in code.**

**Here I put the result of my research about those URI’s which are completely different in words but express or redirect to some other existing licenses in Opal data.**

**Deed group 1**

**As per** [**creative commons**](https://creativecommons.org/licenses/)**, deed keyword means “Human Readable”. If a creative commons license contains the keyword “legalcode” then that reference is for lawyers only. For regular people who are not lawyer they should refer the license without the keyword “legalcode” i.e**

**Instead of “**<https://creativecommons.org/licenses/by/4.0/legalcode>”

Regular users should refer “<https://creativecommons.org/licenses/by/4.0/>”

Which is also same as all other licenses as follows:

1. [**http://creativecommons.org/licenses/by/4.0/deed.no**](http://creativecommons.org/licenses/by/4.0/deed.no)
2. **https://creativecommons.org/licenses/by/4.0/deed.de**
3. [**https://creativecommons.org/licenses/by/4.0/deed.es\_ES**](https://creativecommons.org/licenses/by/4.0/deed.es_ES)

**where .de, .no and .es\_Es are language code for German, Norway and Spain respectively, but they refer to the same international license** “<https://creativecommons.org/licenses/by/4.0/>”**.**

**Deed group 2**

**Similarly, following licenses are also same but only in different language.**

1. [**http://creativecommons.org/publicdomain/zero/1.0/deed.no**](http://creativecommons.org/publicdomain/zero/1.0/deed.no)
2. [**http://creativecommons.org/publicdomain/zero/1.0/deed.nl**](http://creativecommons.org/publicdomain/zero/1.0/deed.nl)

**These licenses should be replaced by:**

[**https://creativecommons.org/publicdomain/zero/1.0/**](https://creativecommons.org/publicdomain/zero/1.0/)

**Deed group 3**

[**http://creativecommons.org/licenses/by-nc/4.0/deed.es**](http://creativecommons.org/licenses/by-nc/4.0/deed.es) **is same as** [**http://creativecommons.org/licenses/by-nc/4.0/**](http://creativecommons.org/licenses/by-nc/4.0/)

**Deed group 4**

[**http://creativecommons.org/publicdomain/mark/1.0/deed.nl**](http://creativecommons.org/publicdomain/mark/1.0/deed.nl) **is same as** [**http://creativecommons.org/publicdomain/mark/1.0/**](http://creativecommons.org/publicdomain/mark/1.0/)

**Deed group 5**

[**https://creativecommons.org/licenses/by/3.0/at/deed.de**](https://creativecommons.org/licenses/by/3.0/at/deed.de) **is same as** [**https://creativecommons.org/licenses/by/3.0/at/**](https://creativecommons.org/licenses/by/3.0/at/)

Open Definition group

<http://www.opendefinition.org/licenses/cc-zero>

points to <https://creativecommons.org/publicdomain/zero/1.0/>

Dcat group

http://dcat-ap.de/def/licenses/dl-by-de/2.0 --------> <https://www.govdata.de/dl-de/by-2-0>

http://dcat-ap.de/def/licenses/dl-zero-de/2.0 ----------> <https://www.govdata.de/dl-de/zero-2-0>

<http://dcat-ap.de/def/licenses/cc-zero> 🡪 <https://creativecommons.org/publicdomain/zero/1.0/>

http://dcat-ap.de/def/licenses/cc-by/4.0 ----> https://creativecommons.org/licenses/by/4.0/

http://dcat-ap.de/def/licenses/dl-by-nc-de/1.0 ------> https://www.govdata.de/dl-de/by-nc-1-0

http://dcat-ap.de/def/licenses/odbl -------------> http://opendefinition.org/licenses/odc-odbl/

http://dcat-ap.de/def/licenses/dl-by-de/1.0 ----------> https://www.govdata.de/dl-de/by-1-0

http://dcat-ap.de/def/licenses/cc-by-nd/4.0 --------> <https://creativecommons.org/licenses/by-nd/4.0/>

http://opendefinition.org/licenses/cc-by-sa/ --------> <http://www.opendefinition.org/licenses/cc-by-sa>