

MARC DISCUSSION PAPER NO. 2018-DP-E

DATE: June XX, 2018

REVISED:

NAME: Open Access and License Information in the MARC 21 Bibliographic and Holdings Formats

SOURCE: German National Library, for the Committee on Data Formats, and OCLC

SUMMARY: This paper explores ways on how to reflect open access and license information in the MARC 21 Bibliographic and Holdings formats. It analyzes the existing fields 506, 540 and 856 and makes suggestions for extensions to cover needs identified by the German speaking part of the MARC community, in cooperation with OCLC.

KEYWORDS:

RELATED:

Proposal 2002-10:

Defining URI subfields in field 506 (Restrictions on Access Note) and field 540 (Terms Governing Use and Reproduction Note) in the MARC 21 Bibliographic Format
<http://www.loc.gov/marc/marbi/2002/2002-10.html>

Proposal 2006-03:

Standardized terminology for access restrictions in field 506 of the MARC21 Bibliographic Format
<http://www.loc.gov/marc/marbi/2006/2006-03.html>

Discussion Paper 2018-DP06:

Versions of Resources in the MARC 21 Bibliographic Format
<http://www.loc.gov/marc/mac/2018/2018-dp06.html>

STATUS/COMMENTS:

Discussion Paper No. 2018-DP-E: Open Access and License Information in the MARC 21 Bibliographic and Holdings Formats

1. BACKGROUND

For online publications it is important to know whether a given resource is available "free to read", as defined e.g. in NISO RP-22-2015 "Access and License Indicators" at <http://www.niso.org/publications/niso-rp-22-2015-access-and-license-indicators>. A designation of open access provides similar information.

After access has been provided, a user should be able to get information on what use rights are connected to the online resource. There is a large variety of rights and of ways to express them. Creative Commons and Rights Statements are initiatives which have created vocabularies for this information.

On behalf of libraries in German speaking countries, the Committee on Data Formats ("Fachgruppe Datenformate") has formed a subgroup, the Working Group on Licenses ("Themengruppe Lizenzangaben") in 2016. To improve ways on how to express open access and license information in MARC 21, the Working Group has defined its scope, identified needs and analyzed existing elements in MARC 21, and starts working on best practice recommendations. A liaison to a second Working Group with other metadata standards in scope has been established.

To focus its work, only information about global, context free access conditions and restrictions are in scope, e.g. the designation that a resource is free to read or available under open access conditions, and usable and reusable under specific conditions, e.g. Creative Commons or Rights Statements.

License information about a publisher or vendor providing a customer or a group of customers access to a single resource or a package of resources under certain conditions, controlled by different technical means, will not be dealt with in this paper.

Discussion Paper 2018-DP06 "Versions of Resources in the MARC 21 Bibliographic Format" has some relationship to these efforts: Distinguishing between different versions of a resource is important when a library intends to hold a variety of versions, and may make it easier for an end user to select a version which is "good enough" and openly available.

2. DISCUSSION

Three fields have been identified for closer analysis, field 506 "Restrictions on Access Note", containing "information about restrictions imposed on access to the described materials", and field 540 "Terms Governing Use and Reproduction Note", containing "terms governing the use of the materials after access has been provided". Field 856 "Electronic Location and Access" is needed when similar information is provided in the context of a URL.

Field 506 has a first indicator "Restriction", with the defined values:

- # - No information provided
- 0 - No restrictions
- 1 - Restrictions apply

We are reading 506 indicator 1 value "0" as an equivalent to what is now called "open access", and "free_to_read" from NISO RP-22-2015 "Access and License Indicators". To document this way of understanding and usage, the definitions can be enriched, using more positive wordings:

- 0 - No restrictions

Field affirms an absence of access restrictions, e.g. open access

- 1 - Restrictions apply

Field defines access restrictions to some or all of the material described, e.g. restricted or closed access

Alternatively, the names of the indicator values themselves may be enriched:

- # - No information provided
- 0 - No restrictions, open access
- 1 - Restrictions apply, closed access

With the information that "for continuing resources, the restrictions must apply to all issues", we see the need for an additional indicator value, e.g. "2", for "Restrictions apply in part", so that a continuing resource that consists of a mixture of issues or articles, some under open access conditions and others under closed access conditions, can be marked if no other information is available. This is sometimes described as "hybrid open access". If more detailed information is available, subfield \$3 "Materials specified" may contain information about which of the parts fall into which category, expressed in repeatable fields 506.

In field 506 "Restrictions on Access Note", the following subfields are defined:

- \$a - Terms governing access (NR)
- \$b - Jurisdiction (R)
- \$c - Physical access provisions (R)
- \$d - Authorized users (R)
- \$e - Authorization (R)
- \$f - Standardized terminology for access restriction (R)
- \$u - Uniform Resource Identifier (R)
- \$2 - Source of term (NR)
- \$3 - Materials specified (NR)
- \$5 - Institution to which field applies (NR)
- \$6 - Linkage (NR)
- \$8 - Field link and sequence number (R)

Chronological information plays a role in licensing information. Some examples in the MARC documentation of field 506 already contain embargo information, or an "opening date", e.g.

```
506 ## $aClosed for 30 years;$dFederal government employees with a
      need to know.
506 1# $aRestricted: cannot be viewed until 2010;$dMembers of donor's
      family.
506 ## $aClosed until January 1, 2068.$fNo online access$2star
```

Here we are considering a more specific way to express embargo information, i.e. a date when the resource becomes freely available, by defining a new subfield "\$g" for an "opening date". This subfield should be able to support technical solutions to switch from "closed" to "open" as soon as the point in time expressed in the subfield has been reached.

Information may not always be valid or reliable. To express the source of information given in the field as a whole, an additional subfield "\$q" for an "assigning agency" should be defined, containing a MARC Organization Code / ISIL or the textual name of the organization or project.

A more prominent way of designating access conditions than the first indicator of field 506 would be a code in one of the fixed fields. Instead of having to create a note field, with information in its subfield(s), a code can be provided by a cataloger or by a machine process indicating that the resource is either freely available, not freely available, or freely available only in part.

Analyzing the coded fields, field 008 "Fixed-Length Data Elements" seems to be an option. Across all types of material, position 32 is currently undefined, cf. <http://www.loc.gov/marc/bibliographic/bd008.html>

If the information pertains to electronic resources (and their subset, the online resources) exclusively, field 007 with position 00 "Category of material" value "c" for "Electronic resource" <http://www.loc.gov/marc/bibliographic/bd007c.html> would be a similar option, where until now position 02 is undefined.

Either field 008 position 32, or field 007c position 02 may be defined as follows:

"Access to Electronic Resource"

0 – Non-Open Access

The resource is not freely and openly accessible online.

1 – Open Access

The resource is freely and openly accessible online to everyone, without restriction.

2 – Restrictions Apply in Part, Hybrid Open Access

Access restrictions apply to some or all of the online resource. These restrictions may include, but are not limited to, temporal restrictions (such as embargoes for a certain length of time), geographical restrictions, audience restrictions (such as availability limited to people with authorization or having a particular membership or affiliation), technical restrictions (requiring specialized software), etc.

n - Not applicable

u – Unspecified

z – Other

| - No attempt to code

It has to be noted that here the values "0" and "1" are designed according to regulations in most programming languages, where "0" is "false" and "1" is "true". By this approach the values "0" and "1" of field 506 first indicator are flipped in their meanings, because field 506 provides information on restrictions.

Field 540 "Terms Governing Use and Reproduction Note" has less subfields than field 506:

- \$a - Terms governing use and reproduction (NR)
- \$b - Jurisdiction (NR)
- \$c - Authorization (NR)
- \$d - Authorized users (NR)
- \$u - Uniform Resource Identifier (R)
- \$3 - Materials specified (NR)
- \$5 - Institution to which field applies (NR)
- \$6 - Linkage (NR)
- \$8 - Field link and sequence number (R)

In 2006, field 506 has evolved by adding subfields \$f "Standardized terminology for access restriction" and \$2 "Source of term", so that it can carry data from controlled vocabularies, such as "star" for the "Standardized terminology for access restriction". Field 540 needs the same structure, so that information e.g. taken from the list of Creative Commons licenses, or from the RightsStatements terminology, can be carried in a more-than-textual way: Subfield \$f "Standardized terminology for use and reproduction rights" and subfield \$2 "Source" should be defined. The same existing MARC code list for "Access Restriction Term Source Codes" can then be used for both field 506 and field 540 (online at <http://www.loc.gov/standards/sourcelist/access-restriction.html>).

The additional subfields discussed for field 506, "\$g" for an "opening date" and "\$q" for an "assigning agency" should be carried over to field 540 as well.

If an attribution, the naming of a copyright holder, is mandatory, the information can be given either in a 100, 110, 111, 700, 710, 711 or 720 field with the relator code "cph", or field 542 "Information Relating to Copyright Status" can be used.

Field 856 "Electronic Location and Access" may contain license information, too. It is defined as follows:

First Indicator: Access method

- # - No information provided
- 0 - Email
- 1 - FTP
- 2 - Remote login (Telnet)
- 3 - Dial-up
- 4 - HTTP
- 7 - Method specified in subfield \$2

Second Indicator: Relationship

- # - No information provided
- 0 - Resource
- 1 - Version of resource
- 2 - Related resource
- 8 - No display constant generated

Subfield Codes:

- \$a - Host name (R)
- \$b - Access number (R)
- \$c - Compression information (R)
- \$d - Path (R)
- \$f - Electronic name (R)
- \$h - Processor of request (NR)
- \$i - Instruction (R)
- \$j - Bits per second (NR)
- \$k - Password (NR)
- \$l - Logon (NR)
- \$m - Contact for access assistance (R)
- \$n - Name of location of host (NR)
- \$o - Operating system (NR)
- \$p - Port (NR)
- \$q - Electronic format type (NR)
- \$r - Settings (NR)
- \$s - File size (R)
- \$t - Terminal emulation (R)
- \$u - Uniform Resource Identifier (R)
- \$v - Hours access method available (R)
- \$w - Record control number (R)
- \$x - Nonpublic note (R)
- \$y - Link text (R)
- \$z - Public note (R)
- \$2 - Access method (NR)
- \$3 - Materials specified (NR)
- \$6 - Linkage (NR)
- \$8 - Field link and sequence number (R)

Some implementations use records in a condensed form, so that a printed resource and its digitized equivalent is described in only one record, or different online versions of a resource share a common MARC 21 record. In these and similar cases, information about online access is given in repeated 856 fields with a URL in it. As the information about the respective access conditions and use rights can differ between the different online versions, it can not be given on the level of the resource itself, so fields 506 and 540 are not an option.

As Roy Tennant puts it in his blog post from October 15, 2017 "'MARC Must Die' 15 Years On" at <https://hangingtogether.org/?p=6221> : "[...] how does one specify in MARC that a given URL will take someone to the openly available full-text of an item? That seems like a laughably simple thing to do and also very important, but there is no way for us to assert this unambiguously in a form that computers can easily use."

The information has to be provided in the context of field 856. Both indicator positions in field 856 are already defined, for "access method" and for "relationship", neither one of these is useful to add information about open access vs. closed access.

A solution with pairs of fields (506/856) brought together by subfields \$8 "Field link and sequence number" may be discussed; here however the level of complexity becomes a higher one, and there is a risk of misinterpreting data: A field 506 linked to a field 856 with subfields \$8 may be misunderstood, leading to false conclusions.

Here \$7 "Control subfield" may be an option worth exploring: \$7 is not yet defined in 856. Generally speaking, \$7 is defined in a few fields to hold information in coded form, reflecting information that is defined in parallel at another place of the format. So, subfield \$7 may be used to provide an equivalent to the codes discussed for field 008 position 32 or field 007 position 02:

\$7 - Control subfield (NR)

/0 – Access to Electronic Resource

0 – Non-Open Access

1 – Open Access

2 – Restrictions Apply in Part, Hybrid Open Access

n - Not applicable

u – Unspecified

z – Other

| - No attempt to code

If no information can be provided, subfield \$7 should be omitted from field 856. The definition of further values at position /0 and of further positions may be needed.

To provide additional information as an equivalent to fields 506 and 540 in field 856, none of the existing subfields seems to fit. One option worth exploring is the definition of a new subfield. According to the documentation, "subfield \$g (Electronic name - End of range) was rarely, if ever, used. It was redefined as Uniform Resource Name in 1997, and was subsequently made obsolete in favor of recording the URN in subfield \$u." Re-using \$g may cause conflicts in legacy data.

Thus, "\$e" is the last available subfield code. We suggest exploring the definition of \$e in field 856 as an equivalent to 506 \$a, \$f and \$u, and of 540 \$a, \$f (to be defined, see above) and \$u. A name for \$e would then be "Information governing access, use and reproduction" or similar. In the definition it should be made clear that either a free-text term or a standardized term or a URL can be used.

In field 856, subfield \$2 is already defined for an "access method", i.e. a code from the Electronic Access Methods Code List at <http://www.loc.gov/standards/valuelist/electronaccess.html> , in this case an extension to the values of the first indicator "access method". As a result, subfield \$2 unfortunately can not be used to set the context of the field, namely of the proposed \$e, forming an equivalent to 506 \$2 and 540 \$2 (to be defined, see above). A possible way may be adding a position /1 to subfield \$7:

/1 - Controlled vocabulary for information governing access, use and reproduction

- 0 - Standardized terminology for access restriction (star)
- 1 - Creative Commons (cc)
- 2 - RightsStatements (rs)
- m - Mixed

MARC 21 Holdings

Some information regarding access, its restrictions, use rights etc. have to be handled on the local level, in addition to the bibliographic level. For example, an online resource is made available under open access conditions by a publisher, but the German National Library is not allowed to provide open access to the archived online copy on the DNB server, as the publisher is interested in controlling access of his publications via his own web site. As a consequence, we are planning to have each of the existing fields, including the extensions discussed here in this paper, both in the Bibliographic and in the Holdings format.

3. SUMMARY OF DISCUSSED CHANGES

Field 007 with position 00 "c" for "Electronic resource"

(identical in Bibliographic and Holdings)

Position 02 - Access to Electronic Resource

- 0 – Non-Open Access
- 1 – Open Access
- 2 – Restrictions Apply in Part, Hybrid Open Access
- n - Not applicable
- u – Unspecified
- z – Other
- | - No attempt to code

or

Field 008

(identical in Bibliographic and Holdings, where 32 is not yet defined)

Position 32 - Access to Electronic Resource

- 0 – Non-Open Access
- 1 – Open Access
- 2 – Restrictions Apply in Part, Hybrid Open Access
- n - Not applicable
- u – Unspecified
- z – Other
- | - No attempt to code

Field 506 (identical in Bibliographic and Holdings)

First Indicator "Restriction"

Redefinition of indicator values:

0 - No restrictions

1 - Restrictions apply

new value "2", for "Restrictions apply in part, hybrid open access"

new subfields:

\$g – Opening date (R)

\$q - Assigning agency (NR)

Field 540 (identical in Bibliographic and Holdings [new field])

new subfields:

- \$f - Standardized terminology for use and reproduction rights (R)
- \$g - Opening date (R)
- \$q - Assigning agency (NR)
- \$2 - Source (NR)

Field 856 (identical in Bibliographic and Holdings)

new subfields:

\$7 - Control subfield (NR)

Position /0 - Access to Electronic Resource

- 0 - Non-Open Access
- 1 - Open Access
- 2 - Restrictions Apply in Part, Hybrid Open Access
- n - Not applicable
- u - Unspecified
- z - Other
- | - No attempt to code

Position /1 - Controlled vocabulary for information governing access, use and reproduction

- 0 - Standardized terminology for access restriction (star)
- 1 - Creative Commons (cc)
- 2 - RightsStatements (rs)
- m - Mixed

\$e - Information governing access, use and reproduction (R)

4. EXAMPLES

4.1.1. Article, open access designation in field 506

```
LDR 01153naa a22002775i 4500
001 10.1057/s41599-017-0034-z
003 DE-He213
005 20171117170615.0
007 cr nn 008mamaa
008 171117s2017    xxk|    s    |||| 0|eng d
022 ## $a2055-1045
024 7# $a10.1057/s41599-017-0034-z$2doi
050 #4 $aQ1-390
072 #7 $aYQS$2bicssc
072 #7 $aSCI000000$2bisacsh
082 04 $a500$223
100 1# $aLams, Lutgard.
245 10 $aOthering in Chinese official media narratives during
      diplomatic standoffs with the US and Japan$h[electronic
      resource] /$cby Lutgard Lams.
260 ## $aLondon :$bPalgrave Macmillan UK :$bImprint: Palgrave
      Macmillan,$c2017.
300 ## $bonline resource.
506 0# $aOpen Access
650 14 $aScience, Humanities and Social Sciences, multidisciplinary.
650 24 $aScience, Humanities and Social Sciences, multidisciplinary.
650 24 $aHumanities and Social Sciences, multidisciplinary.
710 2# $aSpringerLink (Online service)
773 1# $tPalgrave Communications$gvolume:3$gnumber:1$gpages:1-11
      $gdate:12.2017$gday:21$gmonth:11$gyear:2017$х2055-1045$7as
856 40 $uhttp://dx.doi.org/10.1057/s41599-017-0034-z
```

4.1.2. Article, open access designation in field 007 position 02

```
LDR 01153naa a22002775i 4500
001 10.1057/s41599-017-0034-z
003 DE-He213
005 20171117170615.0
007 cr_lnn 008mamaa
008 171117s2017    xxk|    s    |||| 0|eng d
022 ## $a2055-1045
024 7# $a10.1057/s41599-017-0034-z$2doi
050 #4 $aQ1-390
072 #7 $aYQS$2bicssc
072 #7 $aSCI000000$2bisacsh
082 04 $a500$223
100 1# $aLams, Lutgard.
245 10 $aOthering in Chinese official media narratives during
      diplomatic standoffs with the US and Japan$h[electronic
      resource] /$cby Lutgard Lams.
```

260 ## \$aLondon :\$bPalgrave Macmillan UK :\$bImprint: Palgrave
Macmillan,\$c2017.
300 ## \$bonline resource.
650 14 \$aScience, Humanities and Social Sciences, multidisciplinary.
650 24 \$aScience, Humanities and Social Sciences, multidisciplinary.
650 24 \$aHumanities and Social Sciences, multidisciplinary.
710 2# \$aSpringerLink (Online service)
773 1# \$tPalgrave Communications\$gvolume:3\$gnumber:1\$gpages:1-11
\$gdate:12.2017\$gday:21\$gmonth:11\$gyear:2017\$x2055-1045\$7as
856 40 \$u<http://dx.doi.org/10.1057/s41599-017-0034-z>

4.1.3. Article, open access designation in field 008 position 32

LDR 01153naa a22002775i 4500
001 10.1057/s41599-017-0034-z
003 DE-He213
005 20171117170615.0
007 cr nn 008mamaa
008 171117s2017 xxk| s ||||10|eng d
022 ## \$a2055-1045
024 7# \$a10.1057/s41599-017-0034-z\$2doi
050 #4 \$aQ1-390
072 #7 \$aYQS\$2bicssc
072 #7 \$aSCI000000\$2bisacsh
082 04 \$a500\$223
100 1# \$aLams, Lutgard.
245 10 \$aOthering in Chinese official media narratives during
diplomatic standoffs with the US and Japan\$h[electronic
resource] /\$cby Lutgard Lams.
260 ## \$aLondon :\$bPalgrave Macmillan UK :\$bImprint: Palgrave
Macmillan,\$c2017.
300 ## \$bonline resource.
650 14 \$aScience, Humanities and Social Sciences, multidisciplinary.
650 24 \$aScience, Humanities and Social Sciences, multidisciplinary.
650 24 \$aHumanities and Social Sciences, multidisciplinary.
710 2# \$aSpringerLink (Online service)
773 1# \$tPalgrave Communications\$gvolume:3\$gnumber:1\$gpages:1-11
\$gdate:12.2017\$gday:21\$gmonth:11\$gyear:2017\$x2055-1045\$7as
856 40 \$u<http://dx.doi.org/10.1057/s41599-017-0034-z>

4.1.4. Article, open access designation in field 856

LDR 01153naa a22002775i 4500
001 10.1057/s41599-017-0034-z
003 DE-He213
005 20171117170615.0
007 cr nn 008mamaa
008 171117s2017 xxk| s |||| 0|eng d
022 ## \$a2055-1045
024 7# \$a10.1057/s41599-017-0034-z\$2doi

050 #4 \$aQ1-390
 072 #7 \$aYQS\$2bicssc
 072 #7 \$aSCI000000\$2bisacsh
 082 04 \$a500\$223
 100 1# \$aLams, Lutgard.
 245 10 \$aOthering in Chinese official media narratives during
 diplomatic standoffs with the US and Japan\$h[electronic
 resource] /\$cby Lutgard Lams.
 260 ## \$aLondon :\$bPalgrave Macmillan UK :\$bImprint: Palgrave
 Macmillan,\$c2017.
 300 ## \$bonline resource.
 650 14 \$aScience, Humanities and Social Sciences, multidisciplinary.
 650 24 \$aScience, Humanities and Social Sciences, multidisciplinary.
 650 24 \$aHumanities and Social Sciences, multidisciplinary.
 710 2# \$aSpringerLink (Online service)
 773 1# \$tPalgrave Communications\$gvolume:3\$gnumber:1\$gpages:1-11
 \$gdate:12.2017\$gday:21\$gmonth:11\$gyear:2017\$x2055-1045\$7as
 856 40 \$u<http://dx.doi.org/10.1057/s41599-017-0034-z>\$71

4.2. Serial, partly open access, expressed in field 506, with assigning agency

LDR 02665nas a2200673 c 4500
 001 022095233
 003 DE-101
 005 20180213110259.0
 007 cr||||||||||
 008 010727c19899999xxku||p|o ||| 0||||0eng c
 010 ## \$a2004-235630
 016 7# \$2DE-101\$a022095233
 016 7# \$2DE-600\$a2053867-4
 022 ## \$a1474-0621
 024 8# \$aZDB-1-CUP-opr
 029 ad \$a0954-5867
 035 ## \$a (DE-599) ZDB2053867-4
 035 ## \$a (OCoLC) 47822656
 035 ## \$a (OCoLC) 645298536
 040 ## \$a0355\$bger\$cDE-101\$d8007
 041 ## \$aeng
 044 ## \$cXA-GB
 082 74 \$a780\$a792\$qDE-600\$222sdbn
 084 ## \$a9,3\$a9,2\$2ssgn
 090 ## \$nad\$nnk\$nnl
 210 00 \$aCamb Op J
 210 00 \$aCambr Opera J
 245 00 \$aCambridge opera journal
 264 31 \$aCambridge [u.a.]\$bCambridge Univ. Press\$a[S.l.]\$bProquest
 \$c1989-
 300 ## \$aOnline-Ressource
 336 ## \$aText\$btxt\$2rdacontent
 337 ## \$aComputermedien\$bc\$2rdamedia
 338 ## \$aOnline-Ressource\$bcr\$2rdacarrier

362 0# \$a1.1989 -
 363 01 \$81.1\x\$a1\$i1989
 500 ## \$aGesehen am 13.02.2018
 506 2# \$aTeilweise open access\$qDE-12
 650 #7 \$0 (DE-588) 4043582-9\$0<http://d-nb.info/gnd/4043582-9>
 \$0 (DE-101) 040435822\$aOper\$2gnd
 655 #7 \$0 (DE-588) 4067488-5\$0<http://d-nb.info/gnd/4067488-5>
 \$0 (DE-101) 040674886\$aZeitschrift\$2gnd-content
 655 #7 \$aZeitschrift\$2gnd
 655 #7 \$aElektronische Publikation\$2gnd
 689 00 \$0 (DE-588) 4043582-9\$0<http://d-nb.info/gnd/4043582-9>
 \$0 (DE-101) 040435822\$Ds\$aOper
 689 01 \$Af\$aZeitschrift
 689 02 \$Af\$aElektronische Publikation
 689 0# \$5DE-600\$5DE-600
 776 08 \$iDruckausg.\$tCambridge opera journal\$dCambridge [u.a.] :
 Cambridge Univ. Press, 1989-\$x0954-5867\$w (DE-600) 1003038-4
 \$w (DE-101) 015364542
 856 4# \$u<http://www.bibliothek.uni-regensburg.de/ezeit/?2053867>\$xEZB
 856 4# \$u<https://www.cambridge.org/core/journals/cambridge-opera-journal>\$xVerlag
 856 4# \$u<https://www.cambridge.org/core/journals/cambridge-opera-journal>\$xVerlag; 1.1989 -\$zDeutschlandweit zugänglich
 856 4#
 \$u<http://www.jstor.org/action/showPublication?journalCode=cambriidgeoperaj>\$xDigitalisierung; 1.1989 -: jeweils die letzten 6
 Jahre nicht verfügbar
 856 4# \$uhttp://gateway.proquest.com/openurl?ctx_ver=z39.88-2003&res_dat=xri:pqil:res_ver=0.2&rft_val_fmt=ori:fmt:kev:mtx:journal&res_id=xri:iimp&rft_id=xri:iipaft:ajournal:JID09545867
 \$xAggregator; 13.2001 -; die letzten 12 Monate sind nicht
 zugänglich
 912 ## \$aZDB-1-JA3
 912 ## \$aZDB-1-JMC
 912 ## \$aZDB-1-JP1
 912 ## \$aZDB-1-JMU
 912 ## \$aZDB-1-CUP
 912 ## \$aZDB-1-CUPK
 912 ## \$aZDB-1-CUPH
 912 ## \$aZDB-1-CUPH2
 912 ## \$aZDB-1-JMUE

4.3.1. Article, field 506 with opening date, field 540 with Creative Commons information, based on <http://d-nb.info/1152210440>

LDR 03747nam a2200565uc 4500
001 1152210440
003 DE-101
005 20180212233237.0
007 cr|||||||||
008 180212s2017 gw |||||o|||| 00||||eng
015 ## \$a18,003\$2dnb
016 7# \$2DE-101\$a1152210440
024 7# \$2doi\$a10.2143/RTPM.84.2.3269053
024 7# \$2urn\$aurn:nbn:de:bsz:25-freidok-146567
035 ## \$a(DE-599)DNB1152210440
040 ## \$a1240\$bger\$cDE-101\$d9999\$erda
041 ## \$aeng
044 ## \$cXA-DE-BW
082 74 \$81\p\$a100\$qDE-101\$223sdb
100 1# \$0(DE-588)1147512124\$0<http://d-nb.info/gnd/1147512124>
\$0(DE-101)1147512124\$aRadeva, Zornitsa\$eVerfasser\$4aut
\$eRechteinhaber\$4cph
245 00 \$aFrom reconstruction to reformation: Jacob Thomasius's use of
Aristotle in the debate on the origin of the human soul
264 #1 \$aFreiburg\$bUniversität\$c2018
300 ## \$aOnline-Ressource
336 ## \$aText\$btxt\$2rdacontent
337 ## \$aComputermedien\$bc\$2rdamedia
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5. BIBFRAME DISCUSSION

The MARC 21 to BIBFRAME 2.0 Conversion Specifications available at

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provide some mappings from MARC 21 elements discussed in this paper:

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540: Instance - usageAndAccessPolicy - UsePolicy

6. QUESTIONS FOR DISCUSSION

6.1. Are the needs for the designation of free to read / open access, hybrid open access, embargo / opening date, and use rights sufficiently demonstrated in this paper?

6.2. Can the format changes suggested in this paper accommodate the needs?

6.3. Are there format solutions which would better accommodate the needs?

6.4. Are there any other potential issues that should be taken into account?