**Repository Tools 2**

1. SE RT2 OAM compliance logic

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| --- | --- | --- |
| Logic | Output (non compliant reason) | Fields used |
| 1. If there is a Hyrax record *with an OAM override* then stop looking and output nothing. | None - compliant | Override: SE reserved field **is-compliant-with-inst-policy** (n.b. not maintained in Hyrax or crosswalked). |
| 2a. *Is the effective date (DoP/DoA as per policy) missing*? | MissingDateForPolicy | Effective date: SE **publication-date** or SE **acceptance-date** (as per policy settings) |
| 2b. Otherwise, *is the deposit deadline date missing*? | MissingDateForDepositDeadline | Deposit deadline date: calculated from acceptance/publication date as per config (not necessarily the same as effective date used by policy config) |
| 3a. If there are no Hyrax records | ItemNotLive and NoCompliantFileVersion |  |
| 3b. Otherwise, look at Hyrax record (each in in turn if >1 : |  |  |
| 4. If the record *has no OAM override* | (Remember RepositoryDecision) |  |
| 5. If record is not live (repository status = public) | (Remember ItemNotLive) | Record is not live: SE reserved field **repository-status** != Public (via Harvest from Hyrax record\_publication\_date/ record\_review\_status |
| 6a. If there are *no compliant files both marked as open-access and of a compliant version (at file level)* | (Remember NoCom1pliantFileVersion) | * Marked as open access: SE **file:is-held-at-source** = true (always set to true by crosswalk if Hyrax record exists) * Compliant version: SE **file:version** (from Hyrax binary\_files\_\_file\_rioxx\_file\_version) compliant as per SE config |
| 6b. Otherwise, if *the item is live* (see 5) and *none of the files (of a compliant version see 6b) are out of embargo on time* | (Remember MissingPublicationDateForEmbargoPeriod or EmbargoPeriodExceedsPolicyDeadline) (depending on whether we have a publication date) | Out of embargo on time: (SE reserved field **embargo-release-date** (file level) - **publication-date**) permitted maximum |
| 7. If the *item is live* (see 5) and *there is a deposit deadline which was not met* | (Remember MissedDepositDeadline | Deposit deadline not met = (SE reserved field **record-created-at-source-date**) - effective date < 90 days |
| 8. If we didn't remember anything for this record in steps 4-7 | Forget what we remembered and stop looking at records i.e. Compliant |  |
| 9. If we have remembered any reasons in steps 4-7 for any records, and not forgotten them in step 8 | Output remembered decision(s) |  |

1. Fields for RT2 testing

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SE Field/data name** | **Used for** | **Type** | **Object/ Record/ file** | **Harvest** | **Deposit** | **REF Label** | **Notes** |
| ref\_compliant\_at\_deposit | OA Monitor logic | Field (reserved) | R | N | N |  | Hyrax Override |
| publication-date | OA Monitor logic | Field | R | Y | Y |  |  |
| acceptance-date | OA Monitor logic | Field | R | Y | Y |  |  |
| repository-status | OA Monitor logic | Field (reserved) | R | Y | N |  |  |
| embargo-release-date | OA Monitor logic | Field (reserved) | R>F | Y | N |  |  |
| record-created-at-source-date | OA Monitor logic | Field (reserved) | R | Y | N |  |  |
| is-open-access | ? display | Field (reserved) | R | N | N |  |  |
| file:url | Operations (display of file link?) | File metadata | R>F | Y | N |  |  |
| file:version | OA Monitor logic | File metadata | R>F | Y | N |  |  |
| file:is-held-at-source | OA Monitor logic | File metadata | R>F | Y | N |  |  |
| Exceptions | Operations (compliance) | OA data | O | Via API | ? |  |  |
| public-url | Operations (display of ORA link) | Field (reserved) | R | Y | N |  |  |
| oa-location-url (file level) | Operations (deposit) | Field (reserved) | R>F | ? | ? |  | Not enabled |
| oa-location-file-version (file level) | Operations (deposit) | Field (reserved) | R>F | ? | ? |  | Not enabled |
| external-identifers | REF submission | Field (data part) | R | check | check | webOfScienceIdentifier | Field data part |
| Object.type | REF submission | Field | R | Y | Y | OutputType |  |
| title | REF submission | Field | R | Y | Y | Title |  |
| location | REF submission | Field | R | Y | Y | Place |  |
| publisher | REF submission | Field | R | Y | Y | Publisher |  |
| parent-title | REF submission | Field | R | Y | Y | VolumeTitle |  |
| volume | REF submission | Field | R | Y | Y | Volume |  |
| issue | REF submission | Field | R | Y | Y | Issue |  |
| pagination | REF submission | Field (data part) | R | Y | Y | FirstPage | Field data part |
| number | REF submission | Field | R | Y | Y | ArticleNumber |  |
| isbn-13 (isbn-10) | REF submission | Field | R | Y | Y | ISBN | Requires logic |
| Issn (e-issn?) | REF submission | Field | R | Y | Y | ISSN | Requires logic |
| doi | REF submission | Field | R | Y | Y | DOI |  |
| number | REF submission | Field | R | Y | Y | PatentNumber |  |
| publication-date/start-date | REF submission | Field (data part) | R | Y | Y | Month | Field data part |
| publication-date/start-date | REF submission | Field (data part) | R | Y | Y | Year | Field data part |
| tbc | REF submission | Field | R | Y | Y | URL | SE field tbd |
| tbc | REF submission | Field | R | ? | ? | IsPhysicalOutput | SE field tbd |
| tbc | REF submission | Field | R | ? | ? | MediaOfOutput | SE field tbd |

1 November 2019 (after call with S Ltd)

Updated 18/11/2019 (S Ltd ticket 240083)

Updated 20/11/2019 (tidied)