
Apostrophes in Digitool Repository Replications

- **Product:** Digitool
 - **Product Version:** All Versions
 - **Relevant for Installation Type:** Multi-Tenant Direct, Dedicated-Direct, Local, TotalCare
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Background:

Apostrophes (') are included in the Repository Index and are NOT normalized.

If you wish to use a value in a field in repository_replication.xml which includes an apostrophe it must be expressed as the UTF-8 code. If you do not do this the replication will not throw any errors, but it will do NOTHING if there is an apostrophe character in any field.

Example *_idx.xml for such a record:

```
<record>
<Pid>4102</Pid>
<Label>dogz jpg</Label>
<Note>directory /exlibris/dtl/j3 1/digitool/home/profile/units/dtl02/load/load ing2802/ingest/streams/ modification
date mon mar 26 09 02 14 idt 2018</Note>
<IngestId>ing2802</IngestId>
<IngestName>dogs for oai test</IngestName>
<PartitionA>xxxx</PartitionA>
<UsageType>view</UsageType>
<MimeType>image/jpeg</MimeType>
<FileExtension>jpg</FileExtension>
<createDate>20180326 0902</createDate>
<modificationDate>20180326 0908</modificationDate>
<PreservationLevel>any</PreservationLevel>
<ModifiedBy>super staff</ModifiedBy>
<Title>dogz jpg</Title>
<Creator>kadosh baruchu</Creator>
<Subject>biblioteca musicale</Subject>
<Subject>opere d'arte</Subject>
<Publisher>publisher</Publisher>
<Mid>6522</Mid>
<Mid>6523</Mid>
</record>
```

repository_replication.xml Examples:

In repository_replication.xml we want to include a "Subject" field containing the phrase "Opere d'arte"

If we define it like this, the replication will fail to do anything:

```
<field key="Subject" op="within">opere d'arte</field>
```

If we define it like this, with the UTF-8 code U+0027, it will work:

```
<field key="Subject" op="within">opere dU+0027;arte</field>
```

Notes:

For examples of other UTF-8 character codes see:

<http://www.utf8-chartable.de/>

Please also note that repository indexing uses normalization rules governed by various java classes which may remove some special characters

- **Article last edited:** DD-Mmm-YYYY