
How to identify MARC subfields missing punctuation mark at the end

- **Product:** Voyager
 - **Relevant for Installation Type:** Multi-Tenant Direct, Dedicated-Direct, Local, TotalCare
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Question

How might I find those records in our Voyager database that are missing the punctuation mark at the end of a specific subfield?

Answer

One option (there may be others) is to do the following:

1. Use Global Data Change scan with the condition "MARC Field/Subfield Exists" to [identify the records with the field/subfield you want to check](#).
2. Use the record set created by Step 1 to [import an external table](#) into Prepackaged Access Reports
3. [Create a BLOB query](#) using GetSubField to pull just the subfield you want to examine from the table created in Step 2 into a local table. Depending on the length of the field, it may need to be defined as "memo" or "long text" type.
4. Create a second query to check the local table created in Step 3 with the following [criteria](#):
Like "[a-z]" Or Like "[A-Z]" Or Like "[0-9]"

Additional Information

Example BLOB query for Step 3 that pulls out the MARC 504 subfield a (local table of BIB_IDs imported from GDC is "504_TABLE" and local table being created is "504afield"):

```
SELECT 504_TABLE.BIB_ID, (getsubfield(getfielddraw(getbibblob([BIB_ID]), "504", 1), "a", 1))
AS 504 INTO [504afield]
FROM BIB_TEXT
WHERE ((504_TABLE.BIB_ID) > '3000' And 504_TABLE.BIB_ID < '4000');
```

Example query for Step 4:

```
SELECT [504afield].BIB_ID
FROM [504afield]
WHERE ((([504afield].[504]) Like "[a-z]" Or ([504afield].[504]) Like "[A-Z]" Or
([504afield].[504]) Like "[0-9]"));
```

Note

Constructing custom SQL queries by request and troubleshooting unexpected results from customer-created SQL queries falls outside the scope of Support. The above has been posted for informational purposes. [Voyager-L](#) and [Developer Network](#) are useful resources for finding helpful custom SQL or obtaining assistance from peers in troubleshooting custom queries.

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