
Question

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Determine which repository a document came from via SQL

I have the following query which tells me how many documents were retrieved for each customer, but it only works for the "on-demand" customers:

```
SELECT PatientFacility, LEFT(LocalDateTime,7) as Mnth, Count(*)
FROM HSIHEATNARepository.Aggregation
WHERE EventType IN ('RecordRequest','RecordRequestBreakGlass')
AND LocalDateTime >= '2016-01-01'
AND LocalDateTime < '2017-01-01'
GROUP BY PatientFacility, LEFT(LocalDateTime,7)
```

All the other PatientFacility's show up as "Documents". In an effort to break those down too, I first parsed the DocumentUniqueid value from the XML contained in the Criteria column. I then did a JOIN on the HSRegistry.document table to get the SourceIdentifierValue which is an OID, and subsequently the IdentityCode from the HSDData.OIDMap table. Unfortunately... they all show up as MHCNETWORK (our internal AA). Here is the full query:

```
SELECT TOP 5000 LocalDateTime, PatientFacility, $PIECE($PIECE(criteria,'<AdditionalInfoItem
AdditionalInfoKey="DocumentUniqueid">',2),'</AdditionalInfoItem>',1) as DocId, d.SourceIdentifierValue,
oid.IdentityCode, EnsembleSessionId, UserName
FROM HSIHEATNARepository.Aggregation a
JOIN HSRegistry.document d
  ON $PIECE($PIECE(a.criteria,'<AdditionalInfoItem
AdditionalInfoKey="DocumentUniqueid">',2),'</AdditionalInfoItem>',1) = d.DocumentId
JOIN HSDData.OIDMap oid
  ON d.SourceIdentifierValue = oid.OID
WHERE A.EventType IN ('RecordRequest','RecordRequestBreakGlass')
order by A.ID desc
```

Where did I go wrong?

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Source URL: <https://community.intersystems.com/post/determine-which-repository-document-came-sql>