

Question

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HL7 segment query using SQL


I'm trying to get a count of specific message type with a specific entry and thought I could build the query in Message Viewer but this does not provide counts (as far as I am aware). So when I take the SQL from 'Show Query' it omits the segment criteria as the code shows below.

I have attached the criteria that has been excluded. Is this possible?

Thank you

```
SELECT head.ID AS ID,
       {fn RIGHT(%EXTERNAL(head.TimeCreated),12)} AS TimeCreated,
       head.SessionId AS SESSION,
       head.Status AS Status,
       COUNT (*) AS messages,
       CASE head.IsError
         WHEN 1 THEN 'Error'
         ELSE 'OK'
       END AS Error,
       head.SourceConfigName AS SOURCE,
       head.TargetConfigName AS Target,
       head.SourceConfigName,
       head.TargetConfigName,
       head.MessageBodyClassName AS BodyClassname,
       head.MessageBodyId AS BodyId,
       EnsLib_HL7.Message.%ID AS Body_ID,
       NULL AS Body_OBR_SpecimenSource_specimensourcenamenameorcode_identifier
FROM Ens.MessageHeader head,
     EnsLib_HL7.Message
WHERE head.TargetConfigName = 'ReviewOrders Router'
      AND head.%ID >= 189143244
      AND head.%ID <= 189589516
      AND (((head.SourceConfigName = 'Review Pathology Inbound'
              OR head.TargetConfigName = 'Review Pathology Inbound'))
            AND head.MessageBodyClassName='EnsLib.HL7.Message'
            AND head.MessageBodyId=EnsLib_HL7.Message.%ID)
ORDER BY head.ID DESC
```

Search Criteria



Search Criteria

Create and edit advanced message search criteria

Enable Criterion

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Criterion Type

VDoc Segment Field

Class

EnsLib.HL7.Message

Conditions



IF

Segment Type

MosaiqPathologyIn_2.3:OBF



Field Name

SpecimenSource.specimens

=

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Display Values



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Source URL:<https://community.intersystems.com/post/hl7-segment-query-using-sql>