
Question

[Yone Moreno](#) · Mar 28, 2022

Production message filtering: How could we find a substring inside a %XML.GlobalCharacterStream ?

Hello,

First of all thanks for your help

How would you recommend us to filter in the message viewer to find inside a property called "mensaje" of type "[%XML.GlobalCharacterStream](#)" which is inside a class called "[Mensajes.Request.Laboratorio.peticionER7Request](#)", the text "24642"?

We have tried:

BuscarCancelarRestablecerReenviarAnter

Orden de clasificación
Primero los nuevos

Tamaño de página
100

Formato de hora
Sólo hora

Página
1

«

▼ Criterios básicos

Estado
Todo

Tipo
Todo

Hora inicio
2022-03-17 00:00:00

ID Inicial

Hora final
2022-03-20 23:59:59

ID Final

Origen

Destino

▼ Criterios ampliados

+ Añadir criterio

+ Añadir OR

Mensajes.Request.Laboratorio.peticionER7Request

mensaje

Contains 24642

► Búsquedas guardadas

It shows:

ERROR #5540: SQLCODE: Mensaje -37: La función Unary %EXTERNAL no es compatible con los campos de secuencia

ELEMENTO DE ORIGEN: %ZEN.Component.tablePane (resultsTable)

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ERROR #5540: SQLCODE: Message -37: Unary function %EXTERNAL does not support sequence fields.

ORIGIN ELEMENT: %ZEN.Component.tablePane (resultsTable)

In addition we have tried to output the %XML.GlobalCharacterStream as a %String, using Read() function, and then trying to filter with "Contains" method as follows:

The screenshot displays the InterSystems Message Filter configuration window. At the top, there are controls for 'Orden de clasificación' (set to 'Primero los nuevos') and 'Tamaño de página' (set to 100). Below these are 'Formato de hora' (set to 'Sólo hora') and 'Página' (set to 1). The 'Criterios básicos' section includes 'Estado' (set to 'Todo') and 'Tipo' (set to 'Todo'). It also features date pickers for 'Hora inicio' (2022-03-17 00:00:00) and 'Hora final' (2022-03-20 23:59:59), along with empty text boxes for 'ID Inicial' and 'ID Final'. There are dropdown menus for 'Origen' and 'Destino'. The 'Criterios ampliados' section contains two buttons: 'Añadir criterio' and 'Añadir OR'. Below these is a table of search results. The first result is 'Mensajes.Request.Laboratorio.peticionER7Request', which is checked and has three green status icons. The second row shows the filter expression 'mensaje.Read()' with the operator 'Contains' and the count '24642'. At the bottom, there is a section for 'Búsquedas guardadas'.

Orden de clasificación	Tamaño de página
Primero los nuevos	100

Formato de hora	Página
Sólo hora	1

▼ Criterios básicos

Estado	Tipo
Todo	Todo

Hora inicio: 2022-03-17 00:00:00 ID Inicial:

Hora final: 2022-03-20 23:59:59 ID Final:

Origen:

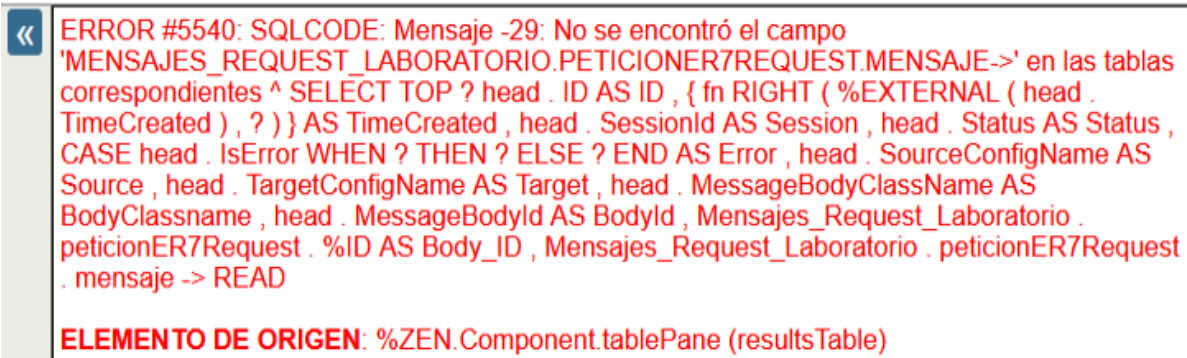
Destino:

▼ Criterios ampliados

Mensajes.Request.Laboratorio.peticionER7Request	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mensaje.Read()	Contains	24642			

► Búsquedas guardadas

We observe:



ERROR #5540: SQLCODE: Mensaje -29: No se encontró el campo 'MENSAJES_REQUEST_LABORATORIO.PETICIONER7REQUEST.MENSAJE->' en las tablas correspondientes ^ SELECT TOP ? head . ID AS ID , { fn RIGHT (%EXTERNAL (head . TimeCreated) , ?) } AS TimeCreated , head . SessionId AS Session , head . Status AS Status , CASE head . IsError WHEN ? THEN ? ELSE ? END AS Error , head . SourceConfigName AS Source , head . TargetConfigName AS Target , head . MessageBodyClassName AS BodyClassname , head . MessageBodyId AS BodyId , Mensajes_Request_Laboratorio . petitionER7Request . %ID AS Body_ID , Mensajes_Request_Laboratorio . petitionER7Request . mensaje -> READ

ELEMENTO DE ORIGEN: %ZEN.Component.tablePane (resultsTable)

```
ERROR #5540: SQLCODE: Message -29: The field 'MESSAGES_REQUEST_REQUEST_LABORATORIO.PETICIONER7REQUEST.MESSAGE->' was not found in the corresponding tables. ^ SELECT TOP ? head . ID AS ID , { fn RIGHT ( %EXTERNAL ( head . TimeCreated ) , ? ) } AS TimeCreated , head . SessionId AS Session , head . Status AS Status , CASE head . IsError WHEN ? THEN ? ELSE ? END AS Error , head . SourceConfigName AS Source , head . TargetConfigName AS Target , head . MessageBodyClassName AS BodyClassname , head . MessageBodyId AS BodyId , Mensajes_Request_Laboratorio . petitionER7Request . %ID AS Body_ID , Mensajes_Request_Laboratorio . petitionER7Request . mensaje -> READ
```

SOURCE ELEMENT: %ZEN.Component.tablePane (resultsTable)

Plus we have also read some documentation:

[Filtering with Extended Criteria](#)

[Filter Conditions \(Contains \)](#)

<https://docs.intersystems.com/latest/csp/documatic/%25CSP.Documatic.cls?...>

<https://community.intersystems.com/post/production-message-filtering-how...>

<https://community.intersystems.com/post/view-stream-properties-sql>

Thanks for your time

How would you recommend us to filter in the message viewer to find inside a property called "mensaje" of type "%XML.GlobalCharacterStream" which is inside a class called "Mensajes.Request.Laboratorio.petitionER7Request", the text "24642"?

Thanks for your help, time and replies

Greetings

[#Code Snippet](#) [#Caché](#)

Product version: Caché 2017.1

\$ZV: Cache for UNIX (Red Hat Enterprise Linux for x86-64) 2017.2.1 (Build 801318358U) Tue Jul 24 2018
16:36:10 EDT

Source

URL:<https://community.intersystems.com/post/production-message-filtering-how-could-we-find-substring-inside-xmlglobalcharacterstream%EF%BC%9F>