Question
Ashok S · Nov 2, 2016

MDX QUERY

Hi All,

I need some help to create mdx for the following scenario.

My source table is like this format

FileName	AuditDate	FileType	FileStatus	AuditStatus
A	20161102	20	open	0
A	20161101	20	read	1
A	20161031	20	write	0
A	20161030	20	close	1
B	20161102	40	open	1
C	20161101	45	read	1
D	20161031	40	read	1
E	20161031	20	open	0
E	20161102	40	read	1
F	20161102	45	read	1

When the user selects any Date in my application, Till selected date results are displayed for all filename.

My current MDX is

```
SELECT
{
  [FileTypeD].[H1].[FileType].&[20],
  [FileTypeD].[H1].[FileType].&[40],
  [FileTypeD].[H1].[FileType].&[45]
} ON 0,
CROSSJOIN([FileStatusD].[H1].[FileStatus].Members,[AuditStatusD].[H1].[AuditStatus].Members) ON 1
FROM [Audit]
%FILTER %OR([AuditDateD].[H1].[AuditDate].&[60000]:&[SelectedDate])
```

In my cube, AuditDate is in Horolog Format

My mdx display result like this

FileStatus with Audit Type \FileType	20	40	45
open	0	2	

	1		1	
read	0			
	1	1	2	2
write	0	1		
	1			
close	0			
	1	1		

Further I want to change my mdx according to the below condition. How should i write my mdx?

(Display top 1 record, group by file name, order by AuditDate desc) - Display the recent file status group by filename.

The problem which i am facing is, it is taking more time and got timeout error. because of more than 20 lakh records in source table.

Thanks in advance

#Analyzer #Cubes #MDX #InterSystems IRIS BI (DeepSee)

Source URL:https://community.intersystems.com/post/mdx-query