
Question

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MDX - How to return a member from a set?

How do we return a member from a set? For example if I want a calculated measure to return the NAME of the date with the max transactions, to get the set ordered I might do something like:

```
ORDER([TransactionDate].[YearMonthDate].[Date].MEMBERS, [Measures].[TransactionCount], DESC)
```

But how do I access the first member in the set as a member so that I can get to the properties such as the member NAME (what I want to return in this case)?

In some MDX implementations like Microsoft there are kind of backdoor functions for this like:

```
ORDER([TransactionDate].[YearMonthDate].[Date].MEMBERS, [Measures].[TransactionCount],  
DESC).item(0).item(0).Properties("NAME")
```

where the "item(0)" lets you reference individual members within a set. What is the way to achieve this functionality in IRIS?

[#InterSystems IRIS for Health](#) [#InterSystems IRIS BI \(DeepSee\)](#)

Product version: IRIS 2020.1

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