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Question

[Eduard Lebedyuk](#) · Jun 18, 2018

## Using iKnow metadata to get aggregate metadata values

I have iKnow domain of forum posts, their full text is an iKnow data, and each post also has a number of views as a metadata field.

I want to get a sum of views by concept. Let's say I have a concept called "TESTEST" and there are 10 sources that have this concept. Each source has some views. I want to get views total - impact of this concept so to say.

What's the best iKnow architecture for this use case?

So far I got this:

```
ClassMethod Views(id As %Integer) As %Integer
{
    #dim domainid As %Integer = ..#DomainId
    #dim sourceid As %String = ##class(%iKnow.Queries.SourceAPI).GetSourceId(domainid
, id)
    #dim fieldId As %Integer = ##class(%iKnow.Queries.MetadataAPI).GetFieldId(domaini
d, "Views", .sc)

    set value = ##class(%iKnow.Queries.MetadataAPI).GetValueById(domainid, fieldId, s
ourceid, .sc)
    quit value
}
```

But it's a three stage process.

1. Get all sources for a concept.
2. Get Views metadata value for each source.
3. Sum it all up.

Is there a better solution?

[#iKnow](#)

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Source URL: <https://community.intersystems.com/post/using-iknow-metadata-get-aggregate-metadata-values>