# Script 1:

Other Term Results Greater than main result:

For a given Term Id, read all Term Results for which Other Results is not null

Output a CSV line if any of the other term Results have a value greater than the main term result

CSV data:

Term Id, Entity Id, FY, FQ, Value, Other Value, Description

//db.getCollection('TermResults').find({ otherTermResults : { $ne : null}})

# Script 2:

SECFilings having more than one fiscal year end for a given entity

Read all SEC Filings , group them by entity Id

For a given Entity all records should have the same fiscal year end

If there is an entity for which this is not true then output a CSV line with the following info

CSV Data,

entityId, cik, stock symbol, fiscal year end filing period , other fiscal year end, other filing period

Consider the most popular fiscal year end as the main one and treat the rest as other .

So if an entity has 3 fiscal year ends then we will end up with two rows of data in the CSV

# Script 3:

SECFlings 10-K, 10-k/A having a filing period that is different from the fiscal year end

Same collection as above and for the 10-K, 10-k/A filings, if the filing period does not have the same last four digits as the fiscal year end then output a CSV line

For that SEC Filings.

# Script 4:

Coverage Gap Analysis

Scenario 1:

Input: For All Entities and for a given Term Id, Starting Period, Ending Period

Output: CSV Line per each Entity with data for each period within the range.

If a period does not have data then have a null value in the CSV for that period.

Input:

TermId

Starting year

Starting Period

Ending Year

Ending period

Output FileName

Output Columns

1. Entity Id
2. Entity Name
3. Stock Symbol
4. CIK
5. Completeness factor ( Each missing period add 1)
6. Weighted Completeness factor ( Each missing period weighted with the latest being more important )
7. Period 1 value ( year period Id , I.e. 2009 Q1 …)
8. Period 2 value….

Default input Period values

Starting period: 2009 Q3, Ending Period 2016 Q2

Period Info:

Each year has five periods in the following sequence

Q1, Q2, Q3, Q4, FY

Collections to query:

1. Read Entities from EntityReferences
2. Read Term Results from TermResults

EntityId is the connecting piece of data.

SEC Filings: