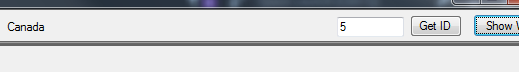
Filtering Discussion

Required reading before continuing with this document.

[Template\_Structure\_Discussion.docx](file:///\\Atlantic.int.ec.gc.ca\shares\Branches\EPB\ShellFish\Non-LabSOP'S\Template_Structure_Discussion.docx)

**Below are examples to discuss the Template Structure:**

Please indicate 5 as Startup ID (which is Canada)



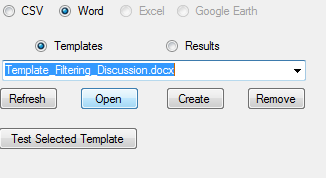
Also indicate a large enough number to get all the provinces with CSSP program



**Note:** If you are not seeing any three bars (|) in this document it’s because you are probably looking at the result file C:\CSSPReportTemplates\Filtering\_Discussion.docx. For this document to make sense (ya right) it’s better to read it as the Template i.e. C:\CSSPReportTemplates\Template\_Filtering\_Discussion.docx. To really understand the document you will need to run it through the parser by selecting the word document type, selecting the templates radio button and selecting the Template\_Filtering\_Discussion.docx from the combo box after the template has been copied under the C:\CSSPReportTemplates\.

Steps:

* click on Word
* click on Templates
* select the Template\_Filtering\_Discussion.docx file
* Open the file to read or modify by using the Open button
* Test the template and the changes you might have made by clicking on the Test Selected Template



EX1: Will show Canada with the only province which satisfies both conditions. One on the database side (START N) and the other on the report side (END land). The only province that will be shown below will be Newfoundland and Labrador.

|||Start Country en

Country\_Name

|||

**|||Country\_Name|||**

* |||LoopStart Province en
* Province\_Name ASCENDING 1 START N
* Province\_Initial
* |||
* **|||Province\_Name END dor|||**
* |||LoopEnd Province en|||

|||End Country en|||

Filtering can be done both while requesting information from the database (i.e. on the database side) as well as when showing the information on the report (i.e. on the report side).

Database side filtering only happens within the Start and LoopStart tags and it’s attached to database variables you want to download from it. Report side filtering on the other hand can only happen on the ShowStart and the variables tags. Variables tags are all the other tags other than Start, LoopStart and ShowStart.

NOTE: when cutting and pasting you will notice microsoft word automatically put a space between the three bars (|) and the tag name (make sure there is none).

Filtering always follows the sorting and formating like “Province\_Lat ASCENDING 1 FORMAT F3 START N END land”. Notice you can repeat filtering and every keyword is in capital letters. Below is a list of acceptable Filtering keywords for each type of information. Filtering keywords are always followed with some text or number or other filtering keywords for date.

**Text type:** CONTAIN, START, END, EQUAL, BIGGER, SMALLER

**Number type:** EQUAL, BIGGER, SMALLER

**Date type:** EQUAL, BIGGER, SMALLER

**Note:** For date type you will also need to specify one or many of YEAR, MONTH, DAY, HOUR, MINUTE

**Enumeration type:** EQUAL

EX: will return New Brunswick province information.

Name: New Brunswick

Last modified date: 02/12/2014 4:58:19 PM

Lat: 46.56532

Municipality count: 106

|||Start Country en

Country\_Name

|||

**|||Country\_Name|||**

|||LoopStart Province en

Province\_Name EQUAL New\*Brunswick

Province\_Last\_Update\_Date\_And\_Time\_UTC

Province\_Lat

Province\_Stat\_Municipality\_Count

|||

**Result of the template:**

Name: |||Province\_Name|||

Last modified date: |||Province\_Last\_Update\_Date\_And\_Time\_UTC|||

Lat: |||Province\_Lat|||

Municipality count: |||Province\_Stat\_Municipality\_Count|||

Now that we know this, let’s do a few report filtering.

**Text examples:**

Should show New Brunswick --- test ---|||Province\_Name START N|||

Should show New Brunswick --- test ---|||Province\_Name CONTAIN IC CONTAIN BR CONTAIN UN|||

Should show New Brunswick --- test ---|||Province\_Name EQUAL New\*Brunswick|||

Should show New Brunswick --- test ---|||Province\_Name BIGGER M|||

Should show New Brunswick --- test ---|||Province\_Name SMALLER T|||

Should show New Brunswick --- test ---|||Province\_Name END ick|||

Should show New Brunswick --- test ---|||Province\_Name START N BIGGER M SMALLER T END ick|||

**Number examples:**

Should show 46.56532 --- test ---|||Province\_Lat EQUAL 46.56532|||

Should show 46.56532 --- test ---|||Province\_Lat SMALLER 46.56533|||

Should show 46.56532 --- test ---|||Province\_Lat BIGGER 46.56531|||

Should show 46.56532 --- test ---|||Province\_Lat BIGGER 46.56531 SMALLER 46.56533|||

Should show 106 --- test ---|||Province\_Stat\_Municipality\_Count EQUAL 106|||

Should show 106 --- test ---|||Province\_Stat\_Municipality\_Count BIGGER 105|||

Should show 106 --- test ---|||Province\_Stat\_Municipality\_Count SMALLER 107|||

Should show 106 --- test ---|||Province\_Stat\_Municipality\_Count SMALLER 107 BIGGER 105|||

**Date examples:**

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL YEAR 2014|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL MONTH 12|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL DAY 2|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL HOUR 16|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL MINUTE 58|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL YEAR 2014 MONTH 12 DAY 2|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC EQUAL HOUR 16 MINUTE 58|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC SMALLER YEAR 2015|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC BIGGER YEAR 2013|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC BIGGER YEAR 2013 SMALLER YEAR 2015|||

Should show 02/12/2014 4:58:19 PM --- test --- |||Province\_Last\_Update\_Date\_And\_Time\_UTC BIGGER MONTH 11 SMALLER **MONTH 13**|||

Notice the Month 13.

|||LoopEnd Province en|||

|||End Country en|||

Let’s explore the date filtering from the database a bit further.

EX: will get the subsector NB-06-020-002 then MWQM site 0007 then samples of year 2011 in ascending order by date.

|||Start Country en

|||

|||LoopStart Subsector en

Subsector\_Name\_Short START NB-06-020-002

|||

Subsector: |||Subsector\_Name\_Short|||

|||LoopStart MWQM\_Site en

MWQM\_Site\_Name CONTAIN 0007

|||

MWQM site: |||MWQM\_Site\_Name|||

**|||LoopStart MWQM\_Site\_Sample en**

**MWQM\_Site\_Sample\_Date\_Time\_Local ASCENDING 1 EQUAL YEAR 2011**

**MWQM\_Site\_Sample\_Fec\_Col\_MPN\_100\_ml**

**|||**

**Sampling Date: |||MWQM\_Site\_Sample\_Date\_Time\_Local FORMAT MMMM\*dd\*yyyy||| FC:(|||MWQM\_Site\_Sample\_Fec\_Col\_MPN\_100\_ml|||)**

|||LoopEnd MWQM\_Site\_Sample en|||

|||LoopEnd MWQM\_Site en|||

|||LoopEnd Subsector en|||

|||End Country en|||

Replacing the above text “EQUAL YEAR 2011” with:

**EQUAL MONTH 8** --- would get all samples done in August

**EQUAL YEAR 2010 MONTH 8** --- would get all samples done in August 2010

**BIGGER YEAR 2005 SMALLER YEAR 2010** --- would get all samples for the years 2006, 2007, 2008 and 2009

**BIGGER MONTH 5 SMALLER MONTH 8** --- would get all samples done in June and July of every year

**EQUAL MONTH 7 DAY 1** --- would get all samples done on the July 1st

**SMALLER HOUR 12** --- would get all samples done during the morning

**EQUAL YEAR 2011 DAY 20** --- would get all of 2011 samples. The second filter would be omitted because you don’t have the MONTH filter. You can’t jump the progression. If first look for YEAR than MONTH than DAY etc.. If MONTH is not there it stops.

**EQUAL YEAR 2011 EQUAL DAY 20** --- would get all samples collected on the 20th of every month for the year 2011. Notice the addition of another EQUAL

**SMALLER YEAR 2011 MONTH 5 DAY 20 BIGGER YEAR 2008 MONTH 7 DAY 4** --- would get all samples between August 5, 2008 and May 19, 2011.

Other document to produce:

* [Template\_Structure\_Discussion.docx](file:///\\Atlantic.int.ec.gc.ca\shares\Branches\EPB\ShellFish\Non-LabSOP'S\Template_Structure_Discussion.docx)
* [Template\_FORMAT\_Discussion.docx](file:///\\Atlantic.int.ec.gc.ca\shares\Branches\EPB\ShellFish\Non-LabSOP'S\Template_FORMAT_Discussion.docx)
* <Template_Table_Discussion.docx>

end of document