# Lobby Registry API requirements

The following is a list of requirements needed to produce data as per the prototype.

We do not know yet if we can successfully use the aggregator or not. If you see Aggregator syntax, it represents the aggregator syntax.

## Data required for Filtering

### Subject Matters Listing

A list of subject matters is required to populate a predictive search filter subject matters

### Subject Matter Status

These will be hard coded to be "Active", "Closed", as they are hard coded in the application.

## Lobbyist Type

These will be hard coded to be "Consultant", "In-house", "Voluntary" as they are hard coded in the application.

## Subject Matter JSON Data Feed

Currently the feed provides one parameter: Status=active or Status=closed

<https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?status=active>

The feed should be enhanced to include the following **optional** parameters that become part of an "AND"ed where clause if they are passed. Each parameter is used with a "contains" operation except for the hard coded parameters where "equals" is appropriate and special cases where we want to use "Starts With"

### Search=<string> search all fields looking for <string> value.

This will look at a specific set of columns and search each one for the value given.

Originally we hoped to get the SM out of the aggregator where it would be easier to do a full record search. This is no longer the case. A search of the SM and it's CLOB in oracle may be too slow and thus the need to search individual columns. We can try searching the SM as it's object..

Q? is the SM calculated on the fly? I know some PL/SQL is involved. And maybe be it is batched up.

### SMStatus=<string> one of active|closed

### SMRegNo=<string>

### SMType =<string> one of Consultant, In-House or Voluntary

### SubjectMatter=<string>

### LobbyistName=<string>

where

Registrant.LastName contains <string> or Registrant.FirstName contains <string>

Or

(Communications exists and Communication.LobbyistFirstName contains <string> or Communication.LobbyistLastName contains <string>

### BusinessOrg=<string>

selects where Firms exists and Firm.Name contains <string> or BENEFICIARY.tradeName contains <string>

### Client=<string>

-- selects where Beneficiaries exists and BENEFICIARY.Type = "Client"  
 and BENEFICIARY.Name contains <string> or BENEFICIARY.tradeName contains <string>

### BeneficiaryName=<string>

-- selects where Beneficiaries exists and BENEFICIARY.Name contains <string> or BENEFICIARY.tradeName contains <string>

### GovAgency=<string>

-- selects where Gmtfundings exists and Gmtfunding.GMTName contains <string> or and Gmtfunding.Program contains <string>

### PrivateFunding=<string>

### POHName=<string>

-- selects where Communications exists and Communications. POH\_Name contains <string>

### POHPos=<string>

-- selects where Communications exists and Communications. POH\_Position contains <string>

### POHType=<string>

-- selects where Communications exists and Communications. POH\_Type contains <string>

### POHOffice=<string>

-- selects where Communications exists and Communications. POH\_Type contains <string>

{There are POHs and Lobbyist under committee meeting, are they included in the search for Lobbyists and search or POHs?] I assume so.. but there are not too many committee meetings

### GrassRoots=true

– selects where a 'Grassroots' relationship exists

### Committee=true

– selects where a 'meetings relationship exists

### Datefrom=YYYYMMDD

### DateTo=YYYYMMDD

### Start=<int>

-- starting row number to return (for paging)

### Limit=<int>

-- number of records to return (for paging

### Sort= column Name. This is probably one of a set of values: SMNumber, LobbyistName, POH\_Name etc for each of the tabs in the application

SortDir = Sort Direction: Asc|Desc

Example:

**DineSafe** feed example:

<https://secure.toronto.ca/dinesafe/dataTableEstablishments.json?callback=jQuery17206593767133565219_1455641940981&status=1,2,3&sEcho=3&iColumns=4&sColumns=&iDisplayStart=30&iDisplayLength=10&mDataProp_0=0&mDataProp_1=1&mDataProp_2=2&mDataProp_3=3&iSortingCols=1&iSortCol_0=1&sSortDir_0=asc&bSortable_0=true&bSortable_1=true&bSortable_2=false&bSortable_3=true&_=1455642029930>

1) To get all grassroots SMs.

[https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?GrassRoots=true](https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?GrassRoots=true%20)

[the "=true" is redundant, the existence of the parameter should be enough]

2) Example with Numeric Paging

Get all active SMs where the client is "NorthWest Property Corporation".

When we are listing by SM, we will always use numeric paging (pages 1,2,3 etc)

<https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Status=Active&Client=NorthWest%20Property%20Corporation,start=1,limit=50>

We may need a second call to go to the next page

<https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Status=Active&Client=NorthWest%20Property%20Corporation,start=51,limit=50>

When numeric paging is involved, we need to know the overall number of records so we can show (page 1 of xxx, total records: yyy). The JSON expands with a totaling fields such as:

{"totalRecs" : 150,

"currentRecs" : 50, -- not sure we need this

[{"SM" : { …SMNumber:SMxxxxx....},

"SM" : { …SMNumber:SMyyyyy… }

+48 more SMs as part of 1st page.

}]

}

3) Example listing where alphanumeric paging is used.

The Beneficiary listing will show data organized by the 1st letter of the beneficiary Name

3a) Start with 26 parallel calls to determine existence of data to disable/enable letter paging options.

[https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=[A|B|C|D|E.....]\*,start=1,limit=1](https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=%5bA|B|C|D|E.....%5d*,start=1,limit=1)

ex:

https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=A\*&start=1&limit=1

[https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=B\*&start=1&limit=1](https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=B*&start=1&limit=1)

…

3b) Get a page of data, listing beneficiaries which start with an "A"

[https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=A\*,sort=Beneficiary.Name](https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=A*,sort=Beneficiary.Name)

"A\*" means instead of contains use "Starts With"

In this example, we get all the SMs, where the beneficiary name starts with a B.

If the user clicks on the "G" paging option, a 2nd call to see "beneficiaries" that start with an G is called.

[https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=G\*,sort=Beneficiary.Name](https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?Beneficiary=G*,sort=Beneficiary.Name)

## Structure of SM is as follows:

* Core SM Information
* A registrant segment
* One or more meetings (committee meetings)
* One of more communications
* One of more firms
* One or more beneficiaries
* One or more grassroots
* One or more Government Fundings

"SM" : {

"Type" : "In-house",

"EffectiveDate" : "2014-07-10",

"ProposedEndDate" : "2015-06-30",

"ProposedStartDate" : "2008-02-14",

"SMNumber" : "SM10651",

"Status" : "Active",

"Particulars" : "Property Taxes",

"InitialApprovalDate" : "2008-02-13",

"SubjectMatter" : "Budget"

"Gmtfundings": {

"Gmtfunding": [{

"GMTName": "Government of Canada",

"Program": "Department of the Environment"

},

{

"GMTName": "Government of Alberta",

"Program": "Alberta Energy"

},

{

"GMTName": "U.S Government",

"Program": "USDA"

}]

}

"Meetings" : {

"Meeting" : {

"Committee" : "Government Relations Committee",

"Date" : "2011-03-15",

"Lobbyists" : {

"Lobbyist" : [{

"Business" : "",

"Type" : "In-House Lobbyist",

"Suffix" : "",

"Number" : "10342H",

"FirstName" : "Von",

"Prefix" : "",

"LastName" : "Palmer",

"MiddleInitials" : ""

}, {

"Business" : "",

"Type" : "Committee Member",

"Suffix" : "",

"Number" : "15967H",

"FirstName" : "Calvin",

"Prefix" : "",

"LastName" : "Weinfeld",

"MiddleInitials" : ""

},

"POHS" : {

"POH" : {

"Name" : "Kristyn Wong-Tam",

"Type" : "Member of Council",

"Office" : "Ward 27 Toronto Centre-Rosedale",

"Title" : "Councillor"

}

},

"Desc" : ""

}

},

"Beneficiaries": {

"BENEFICIARY": [{

"FiscalEnd": "",

"FiscalStart": "",

"Name": "Whitecastle New Urban Fund 2",

"TradeName": "",

"Type": "Client",

"BusinessAddress": {

"PostalCode": "M4T 2S3",

"Country": "Canada",

"Province": "ON",

"AddressLine1": "22 St. Clair Avenue East",

"City": "Toronto",

"AddressLine2": "Suite1010"

}

},

{

"FiscalEnd": "",

"FiscalStart": "",

"Name": "Stephen Diamond",

"TradeName": "",

"Type": "Controlling interest holder",

"BusinessAddress": {

"PostalCode": "M4T 2S3",

"Country": "Canada",

"Province": "ON",

"AddressLine1": "22 St. Clair Ave. E",

"City": "Toronto",

"AddressLine2": "Suite 1010"

}

}]

},

"Communications" : {

"Communication" : [{

"PreviousPublicOfficeHoldLastDate" : "",

"LobbyistBusinessAddress" : {

"Phone" : "416-443-8100",

"PostalCode" : "M3B 3N1",

"Country" : "Canada",

"Province" : "Ontario",

"AddressLine1" : "1400 Don Mills Road",

"City" : "Toronto",

"AddressLine2" : ""

},

"LobbyistFirstName" : "Don",

"LobbyistMiddleInitials" : "",

"CommunicationMethod" : "",

"LobbyistType" : "Sr. Officer",

"LobbyistPrefix" : "Mr.",

"LobbyistBusiness" : "",

"LobbyistSuffix" : "",

"PreviousPublicOfficePositionProgramName" : "",

"POH\_Position" : "",

"POH\_Name" : "",

"POH\_Office" : "",

"PreviousPublicOfficeHoldPosition" : "",

"CommunicationDate" : "",

"PreviousPublicOfficeHolder" : "no",

"CommunicationGroupId" : "",

"LobbyistLastName" : "Richardson",

"LobbyistPositionTitle" : "Chief Executive Officer",

"POH\_Type" : "",

"LobbyistNumber" : "10341S-1"

}, {

"PreviousPublicOfficeHoldLastDate" : "",

"LobbyistBusinessAddress" : {

"Phone" : "416-443-8176",

"PostalCode" : "M3B 3N1",

"Country" : "Canada",

"Province" : "Ontario",

"AddressLine1" : "1400 Don Mills Road",

"City" : "Toronto",

"AddressLine2" : ""

},

"LobbyistFirstName" : "Cynthia",

"LobbyistMiddleInitials" : "",

"CommunicationMethod" : "",

"LobbyistType" : "In-House Lobbyist",

"LobbyistPrefix" : "",

"LobbyistBusiness" : "",

"LobbyistSuffix" : "",

"PreviousPublicOfficePositionProgramName" : ".",

"POH\_Position" : "",

"POH\_Name" : "",

"POH\_Office" : "",

"PreviousPublicOfficeHoldPosition" : ".",

"CommunicationDate" : "",

"PreviousPublicOfficeHolder" : "no",

"CommunicationGroupId" : "",

"LobbyistLastName" : "Lee",

"LobbyistPositionTitle" : "Manager, Political Outreach",

"POH\_Type" : "",

"LobbyistNumber" : "16867H"

},

]

},

"Grassroots" : {

"GRASSROOT" : {

"Community" : "public, members",

"Target" : "Mayor and City Councillors",

"EndDate" : "2009-04-03",

"StartDate" : "2009-03-30"

}

},

"Firms" : {

"Firm" : {

"FiscalEnd" : "2015-06-30",

"FiscalStart" : "2014-07-01",

"Name" : "Toronto Real Estate Board",

"Description" : "Provide services to members (REALTORS(R)) "TradeName" : "",

"BusinessType" : "Business/ Industry/ Trade Association",

"Type" : "In-house",

"BusinessAddress" : {

"PostalCode" : "M3B 3N1",

"Country" : "Canada",

"Province" : "Ontario",

"AddressLine1" : "1400 Don Mills Road",

"City" : "Toronto",

"AddressLine2" : ""

}

}

},

"Registrant" : {

"PreviousPublicOfficeHoldLastDate" : "",

"PositionTitle" : "Chief Executive Officer",

"Type" : "In-house",

"Suffix" : "",

"EffectiveDate" : "2014-09-11",

"Prefix" : "Mr.",

"LastName" : "Di Michele",

"PreviousPublicOfficePositionProgramName" : "",

"RegistrationNUmberWithSoNum" : "10341S-2",

"Status" : "Active",

"RegistrationNUmber" : "10341S",

"PreviousPublicOfficeHoldPosition" : "",

"FirstName" : "John",

"PreviousPublicOfficeHolder" : "no",

"MiddleInitials" : "",

"BusinessAddress" : {

"Phone" : "416-443-8100",

"PostalCode" : "M3B 3N1",

"Country" : "Canada",

"Province" : "Ontario",

"AddressLine1" : "1400 Don Mills Road",

"City" : "Toronto",

"AddressLine2" : ""

}

},

}

}

## New Lobby Registry Search API needs

Assume a core URL: <https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do>

## Subject Matter Registration Tab (also initial application load)

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?start=1&limit=10&sort=SMNumber&sortDir="Desc](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?start=1&limit=10&sort=SMNumber&sortDir=%22Desc)"

Either we add the sort value or by definition it comes in descending order (latest first)

## Lobbyist Name

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?LobbyistName=A\*](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?LobbyistName=A*)

**data is sorted by LastName, FirstName**

## POH Name

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?POHName=A\*](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?POHName=A*)

**data is sorted by LastName, FirstName**

## Beneficiaries

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?BeneficiaryName=A\*](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?BeneficiaryName=A*)

**data is sorted by Name, Trade Name**

## Client/Bus/Org

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?ClientBusOrgName=A\*](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?ClientBusOrgName=A*)

**data is sorted by Name, Trade Name**

## Financial Contributors

[https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do? PrivateFunding=A\*](https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?%20PrivateFunding=A*)

**data is sorted by Name, Trade Name**

Current URL

DEV URL:

All: <https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do>

Active: <https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?status=active>

Closed: <https://was8-intra-dev.toronto.ca/LobbyistAdminWeb/disclosure.do?status=closed>

QA URL:

All: <https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do>

Active: <https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?status=active>

Closed: <https://was-intra-qa.toronto.ca/LobbyistAdminWeb/disclosure.do?status=closed>