**OpenFDA WebApi Limitations**

**No ability to order result data**

Suggest modifying the WebApi in the following maner

* New Query parameter ‘order’
  + The value of the order parameter should be a field
* New Query modifier/suffix for the new query parameter
  + .ascending
  + .descending
* Example:
  + order=receivedate.descending

**Passing parameter**

* The WebApi is currently accepting parameters [FromUri]. This can lend to a very long URL being passed, one query string is 788 characters.
* It the WebApi would accept the parameters [FromBody] then this would prevent any issues relating to url lengths.

Example of a url request (788 characters)

The search is for Food/Enforcement where the Reason\_For\_Recall or Product\_Descpiption contains “Groove Gluten-Free Dark Chocolate Cookie & French Vanilla Ice Cream Sandwich” and the Status is OnGoing and the Recall\_Initation\_Date or Report\_Date is between 2014-06-29 and 2015-06-30

https://api.fda.gov/food/enforcement.json?&search=((reason\_for\_recall:Groove+AND+reason\_for\_recall:GlutenFree+AND+reason\_for\_recall:Dark+AND+reason\_for\_recall:Chocolate+AND+reason\_for\_recall:Cookie+AND+reason\_for\_recall:French+AND+reason\_for\_recall:Vanilla+AND+reason\_for\_recall:Ice+AND+reason\_for\_recall:Cream+AND+reason\_for\_recall:Sandwich)+(product\_description:Groove+AND+product\_description:GlutenFree+AND+product\_description:Dark+AND+product\_description:Chocolate+AND+product\_description:Cookie+AND+product\_description:French+AND+product\_description:Vanilla+AND+product\_description:Ice+AND+product\_description:Cream+AND+product\_description:Sandwich))+AND+(report\_date:[20140629+TO+20150630]+recall\_initiation\_date:[20140629+TO+20150630])+AND+status=ongoing&count=classification.exact