**SharePoint Search Results through REST API Call for DocOps**

**Overview:**

This will add search functionality to client and mobile applications using the Search REST service in SharePoint Server 2013 and any technology that supports REST web requests.

As the Search Rest API is not available for Anonymous Users by default, we have made it enabled and it require a Template Parameter as given in below table to make the API call to get the results from Search engine.

But, if we want the user to authenticate to get the search results, he has to authenticate with FedAuth and can able to access the Search Rest API to pull the search results with Template Parameter.

**Search Environments with Source IDs:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Availability** | **Support Source ID** | **Documentation Source ID** |
| Search-qa.ca.com | Inside Firewall Only | f35eb947-1dc9-4d09-839a-12fdaaad1dcd |  |
| Search-stage.ca.com | Public Facing through Akamai | 35fd7bdf-4038-4b1e-9ce3-4c380df212ce | 835d7d71-c7fd-4a0d-aa82-d6aa489a0985 |
| Search.ca.com | Public Facing through Akamai | 8fdba11a-c566-4ec0-9b8d-48224cd6a0b2 |  |

**Search API URLs with Parameters:**

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Required?** | **URL** |
| **Template** | **Yes** | [QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml](http://search.ca.com/_api/search/query?querytext='Clarity'&sourceid='8413cd39-2156-4e00-b54d-11efd9abdb89'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml)’ |
| **Source ID** | **No** | <http://search-stage.ca.com/_api/search/query?querytext='clarity'&sourceid='835d7d71-c7fd-4a0d-aa82-d6aa489a0985'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml>'  **Note:** without **Sourceid**, will get results from all sources.  **SourceId** is pointing to Search Stage Documentation Source. |
| **Properties** | **No** | <http://search-stage.ca.com/_api/search/query?querytext='clarity'&selectproperties='Path%2cUrl%2cTitle'&sourceid='835d7d71-c7fd-4a0d-aa82-d6aa489a0985'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml>' |
| **Refiners** | **No** | <http://search-stage.ca.com/_api/search/query?querytext='clarity'&refiners='ContentType'&sourceid='835d7d71-c7fd-4a0d-aa82-d6aa489a0985'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml>' |
| **Filters** | **No** | [http://search-stage.ca.com/\_api/search/query?querytext='clarity'&selectproperties='Products'&refinementfilters='products:"CA+PPM"'&sourceid='835d7d71-c7fd-4a0d-aa82-d6aa489a0985'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml](http://search-stage.ca.com/_api/search/query?querytext='clarity'&selectproperties='Products'&refinementfilters='products:%22CA+PPM%22'&sourceid='835d7d71-c7fd-4a0d-aa82-d6aa489a0985'&QueryTemplatePropertiesUrl='spfile://webroot/queryparametertemplate.xml)'  **Note:** Refiners which can use in Refinement Filters: **products, component, year, language, filetype, contenttype** |