Appendix C - MLB Search Service

The MLB Search Service is an Elasticsearch backed API that indexes MLB produced content including articles, videos, gifs and stickers.

Note: swagger docs are also available on API itself

Hostname: http://search-basescoded.mlb.com

V2 Endpoints

| **Name** | **Endpoint** | **Description** |
| --- | --- | --- |
| Query | /svc/search/v2/<index>/query | This endpoint queries across an entire index (by default you can use 'mlb\_global') |
| Prefix | /svc/search/v2/<index>/prefix | Whereas other endpoints will require full token matches, prefix search can match on partial prefix tokens.  For example a search term of 'bra' will match 'Brandon', etc. |
| Tag Search | /svc/search/v2/<index>/tag/<tag\_name>/<tag\_value> | This endpoint queries across an entire index for records that have the <tag\_name>:<tag\_value> pair |

Indexes

| **Index Name** | **Description** |
| --- | --- |
| mlb\_global | All MLB content types |

Query String Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Param name** | **Example value** | **Type** | **Acceptable Values** | **Description** |
| q | surfing | string |  | Full-text query string. This field directly affects relevance of results. |
| fq | byline:Lakhan | string | Depends on the data. Assets generally have fields named asset\_id, type, title, body, lang, and url. Editorial also tags assets (keywords in Homebase), but you need to be aware of the tag names in order to write queries. All tags are prefixed with tag\_, e.g. the content tag is queryable as "tag\_content:gamePreview".  All tag values and display names are indexed. So if teamFileCode value is SFG, and displayName is "San Francisco Giants", you can query using tag\_teamFileCode:SFG, or with tag\_teamFileCode:"San Francisco Giants" | Filter query written in Lucene. The filter query reduces the size of the data set that is then optionally queried using the q parameter. Filter query does **not** calculate relevance. |
| sort | new | string | best|new|old | Sort order. Default is "best", but with no q parameter, "best" implies "new" |
| hl | true | boolean |  | Enable highlighting of search results.  Only applicable if there is a q parameter |
| facet |  | string |  | Aggregate on these fields and return histograms of the values for these fields.  Useful for navigation/filtering in user search. |
| type | article | string | article|blogpost|video|gif|sticker | A type filter.  Returns only results of these Elasticsearch \_types.  Equivalent to fq="type:(article blogpost)" |
| from | 20150101 | ISO date |  | ISO datetime filter.  Returns results whose publication timestamp is on or after this time.  Equivalent to fq="first\_published:[2015-01-01 TO \*]" |
| to | 20151231 | ISO date |  | ISO datetime filter.  Returns results whose publication timestamp is on or before this time.  Equivalent to fq="first\_published:[\* TO 2015-12-31]" |
| page | 3 | integer |  | Pagination.  Results are in increments of 10, and pages begin with 1.  page=3 would return results 21-30. |
| expand | partner.image.cuts.640x360 | string |  | Expands fields which are normally hidden, using JMESPath notation. For example, you can expand partner, which returns the entire original Homebase data object. You can also return just partner.image, and any other sub field of partner. Default hidden fields include body, partner, env, domain, canonical\_uri, urls, and namespace.  Multiple expansions are comma-separated |