

Dictionary API

This document lists API endpoints for the 'dictionary' service used by RAIDAR. This service is intended to be a generic key/value store where keys can have multiple values for an entry. The first example of this is a Name lookup, where an artist might have several aliases they have been known by. The HTTP based API will return JSON objects representing the data stored in the dictionary

JSON Object

Properties of the JSON object

`id` : This is a system specific Identifier as a string (Format is up to the service but has to be an ASCII representable string)

`keyType` : The type of data this is as a string. I.E. "name" (Values TBD)

`value` : Value(s) as an array of strings

`defaultDisplay` : Default string to display when showing this entry

`lastModified` : ISO 8601 UTC date and time stamp (i.e. `2019-05-31T13:40:23Z`) of when the entry was last modified

`createdAt` : ISO 8601 UTC date and time stamp of when the entry was created

```
{
  id: "e0b473a5-9855-45c1-a501-4076d4ec9689",
  keyType: "name",
  value: ["Eddie Van Halen", "Edward Van Halen"],
  defaultDisplay: "Eddie Van Halen",
  lastModified: "2019-05-31T13:40:23Z",
  createdAt: "2019-05-31T13:40:23Z"
}
```

Base API

NOTE: Proper Authentication TBD, most likely OAuth

Get by ID

HTTP GET `https://dictionary.example.org/entry/<id>`

Returns the JSON of the entry specified by

Lookup by value

HTTP GET `https://dictionary.example.org/<type>/<value>`

Returns an array of JSON entries of `<type>` that have `<value>` in their `value` array or `defaultDisplay` properties

Store/Modify Entry

HTTP POST `https://dictionary.example.org/entry`

To Create a new entry, post JSON that contains `keyType`, `value`, and `defaultDisplay` properties. The rest of the properties will be generated.

To Modify an entry, post JSON that contains `id`, `keyType`, `value`, and `defaultDisplay` properties. The `createdAt` will be automatically retained, and `lastModified` will be updated appropriately.

On Success of either creation or modification, the service will return the new (full) JSON representation of the entry