### URLs and APIs

http://api.digitalnz.org/v3/records.json?api\_key=**YOUR API KEY HERE**&text=rugby+cartoons&and[category][]=Images&per\_page=100&fields=id,title,creator,collection\_title,locator\_url

Let's break this down into its constituent parts:

* **Site we are searching:** <http://api.digitalnz.org/v3/>
* **What we are asking for:** records.json
* **Query string:** ? everything after the question mark is part of our query and can be changed to suit
* **API Key:** api\_key=**YOUR API KEY HERE**
* **Ampersands:** &'s separate our query parameters
* **Search string:** &rugby+cartoons what we are searching for
* **Category:** &and[category][]=Images we are searching for Images only. We could add other content types here if needed
* **Results per page:** &per\_page=1 currently set to 1 to see only the first record, we'll see some options for this as we go along.
* **Fields:** &fields=id,title,creator,collection\_title,locator\_url these are the fields that we are going to get data for. We can add or subtract any fields based upon what we saw in the browser or based upon ID once we have our data in Open Refine

### URLs for this exercise

* Test to learn in the browser: http://api.digitalnz.org/v3/records.json?api\_key=**YOUR API KEY HERE**&text=rugby+cartoons&and[category][]=Images&per\_page=1
* First import to OpenRefine: http://api.digitalnz.org/v3/records.json?api\_key=**YOUR API KEY HERE**&text=rugby+cartoons&and[category][]=Images
* Import to OpenRefine with all rows: http://api.digitalnz.org/v3/records.json?api\_key=**YOUR API KEY HERE**&text=rugby+cartoons&and[category][]=Images&per\_page=100
* Import to OpenRefine with all rows and selected columns: http://api.digitalnz.org/v3/records.json?api\_key=**YOUR API KEY HERE**&text=rugby+cartoons&and[category][]=Images&per\_page=100&fields=id,title,creator,collection\_title,locator\_url
* Add column based upon ID: "http://api.digitalnz.org/v3/records/"+value+".json?api\_key=**YOUR API KEY HERE**&fields=description"

http://api.digitalnz.org/v3/records.json?api\_key=okWShidozDMK5GTqNAKj&text=rugby+cartoons&and[category][]=Images&per\_page=1&fields=id,title,creator,collection\_title,locator\_url