

Demo of Acquiring JSON From GCS

AJAX To NodeJS Server Communication

- AJAX (asynchronous JavaScript and XML) calls are made to the NodeJS Server from Javascript
- The NodeJS Server makes sure an access token is available. If not it acquires one.
- The NodeJS Server then makes a GCS API call to the Indexed NYSITS Data in GCS
- The query response is then returned to the AJAX function call from Javascript as raw JSON
- In Javascript the JSON can then be parsed and used to create and render UI components.

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AJAX NodeJS Call Parameters

- **userQuery** - The search query to send to GCS
- **currentUrl** - A redirect URL that contains many search parameters including q=TheQuery
- **start** - Variable for the start of query results from GCS
- **pageSize** - Variable for the number of rows per page returned from GCS
- **useKeymatch** - Boolean indicating whether to use keymatching or not
- **numKeymatches** - The number of keymatch results to return. The default is 3
- **facetOptionsJson** - The JSON of a facet query parameter as specified by GCS.
- **sortOptionsJson** - The JSON of a sorting query parameter as specified by GCS.

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- Only **userQuery** OR **currentUrl** are required.
- They are **mutually exclusive**. If a **currentUrl** is supplied and a **q=QueryTerm** parameter is present it will override the **userQuery** option. Any other parameters also included in the **currentUrl** will also be overridden.
- This flexibility allows you to supply a redirect URL directly to the GCS JSON Web Server OR to manually include parameters to the **Ajax nodeSearch** function which you will need to do if building a UI.
- Facet search queries: **keywords:court** (the facet group : the facet term) is added to the query string
Example: query = “state of new york keywords:court agency:OTDA”

Note: If you supply a **facetOptionsJson** parameter it will override which facets are displayed. This way you can exclude any facet from the UI. If you don't include a **facetOptionsJson** parameter in an AJAX search request, then all facets will be displayed by default as long as they are selected to be viewable in GCS.