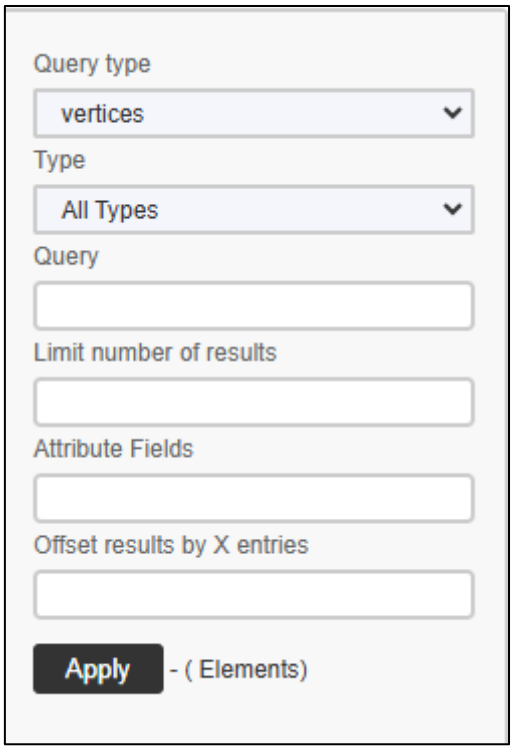
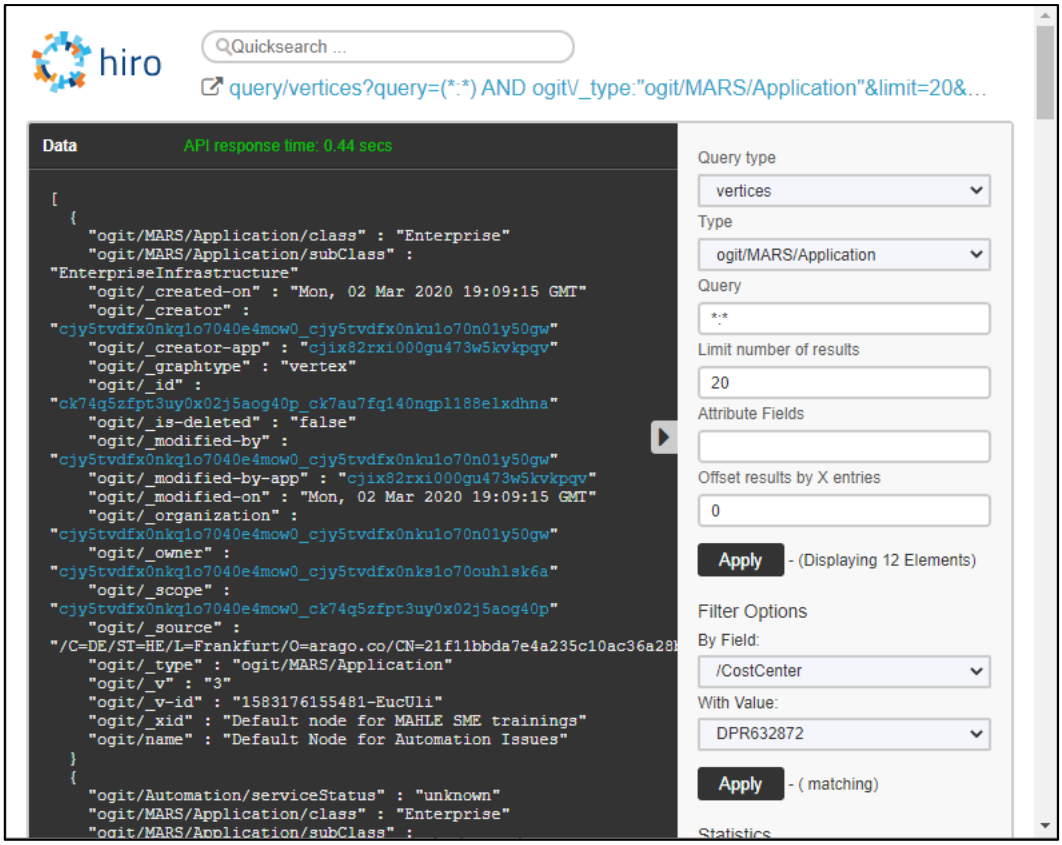
Using the Query in Graph Explorer.

The Graph Explorer App provides multiple options for exploring and querying Nodes within your HIRO instance. Below is a guide on how to use the available features effectively.



1. Query Type: Keep “Query type” set to “vertices”. If you switch to “Gremlin”, ensure your query is written using Gremlin syntax.

2. **Type Dropdown:** In the “Type” dropdown, only values from "ogit” type can be selected. For example, selecting “ogit/MARS/Application” will automatically display the first 20 results matching this filter, with the remaining fields populated accordingly:



You can also skip the “Type” dropdown and go directly to the “Query” box.

3. Query with the “Query” box: The **“Query”** box is initially filled with ‘* : *’, which retrieves all data. This query can be modified to perform specific searches.

   Escaping Characters. When writing queries, you must escape '/ ' by adding a '\ '. For example, "ogit/_type": "ogit/MARS/Application" should be entered as:

   ogit\/_type : ogit\/MARS\/Application
   ogit\/_type : **“**ogit\/MARS\/Application**”**

   Attribute values in the query can be enclosed in quotes.
   Alternatively, you can select ogit/MARS/Application in the “Type” dropdown, which yields the same result.

   Querying Multiple Values
   To retrieve multiple types, such as all Nodes from the MARS module (Application, Machine, Resource and Software), enter the following query:

   ogit\/_type : ogit\/MARS\/*

   You can also check for two different attribute values using the following query:

\/originalProblemId:"2416575" AND ogit\/subject:Resolve*

Note: You can also use “OR” instead of “AND” if needed.

Wildcard Examples
To query all Nodes with “Application” as part of their type across different categories:

ogit\/_type : ogit\/*\/Application

This query retrieves, for example:

"ogit/_type": "ogit/**Auth**/Application"
"ogit/_type": "ogit/**MARS**/Application"

Handling Spaces in Values
For values containing spaces, use quotes (''):

ogit\/name : "Test Machine BM"

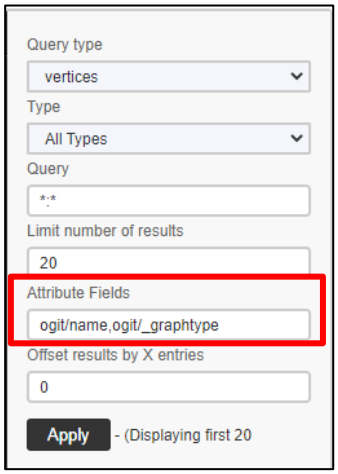
4. Limiting Results: The “Limit number of results” option helps conserve resources. Setting it too high may result in long runtimes. By default, the app provides a manageable number of results.

5. Attribute Fields: The “Attribute Fields” option restricts which attributes are displayed in the results. For example, to display only ogit/_type, type:

ogit/_type

To show results based on multiple attributes, separate them with commas (no spaces allowed):

ogit/name,ogit/_graphtype

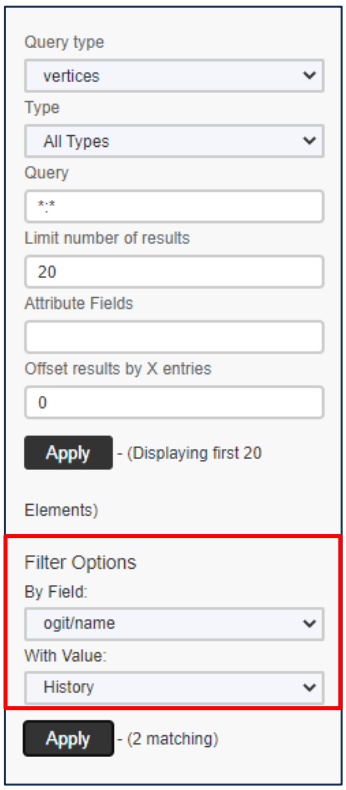


Note: Attribute restrictions only affect the display, not the underlying query results. The count of matching Nodes remains unchanged.

6. Offset results by X entries: skips the first X entries in the results where X is an integer.

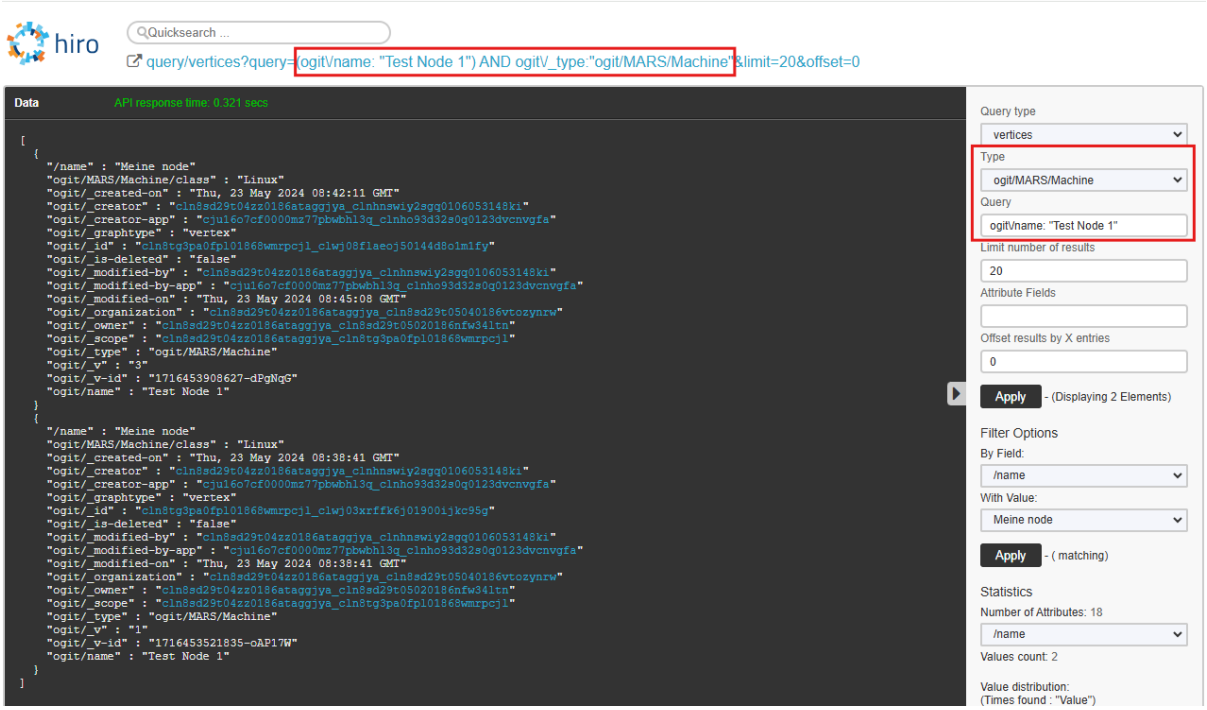
7. Filter Options: After running a query, you can refine the result set further without making additional server requests. Use:

   - **"By Field"** to specify an attribute.
   - **"With Value"** to narrow down the set based on a value.



You can also bring these queries to KI syntax, using the Graph Explorer as a tool to help craft them.

For example, this query:



Will result in:

```
output: LOCAL::OUTPUT = query(
'vertices',
'ogit\/name: “Test Node 1” AND ogit\/_type:ogit\/MARS\/Machine',
fields: "ogit/_id",
)
```

For more examples, please refer to the documentation for the query function