

MetpetDB Web service

Resource URL: <http://metpetdb.rpi.edu/metpetdb-py/api/metpetdb/>

Parameters

format optional	html/json Returns results in HTML or JSON format Default value: JSON
returntype optional	sampleresults Returns the result set for the conditions specified rocktype_facet Returns the contents for the rocktype facet mineral_facet Returns the contents for the mineral facet region_facet Returns the contents for the region facet owner_facet Returns the contents for the owner facet metamorphicgrade_facet Returns the contents for the metamorphic grade facet metamorphicregion_facet Returns the contents for the metamorphic region facet Map Returns the contents for the map facet <i>Default value: sampleresults</i>

rocktype_id optional	<p>Specifies the list of rock type id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: rocktype_id=1,2,3</p>
owner_id optional	<p>Specifies the list of owner id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: owner_id=1,2,3</p>
mineral_id optional	<p>Specifies the list of mineral id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: mineral_id=1,2,3</p>
region_id optional	<p>Specifies the list of region id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: region_id=1,2,3</p>
metamorphic_grade_id optional	<p>Specifies the list of metamorphic grade id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: metamorphic_grade_id=1,2,3</p>
metamorphic_region_id optional	<p>Specifies the list of metamorphic region id's that is used to filter the result set.</p> <p>All id's are separated with a , (comma)</p> <p>Example: metamorphic_region_id=1,2,3</p>

Data Format:

Facet returntype

A facet 'returntype' with JSON format generates a JSON array with the following fields.

- Id : Unique numeric identifier
- Label : Textual content to be displayed
- Count : Number of corresponding entities

Map returntype

A map 'returntype' with JSON format generates a JSON array with the following fields.

- id
- sample_number
- rock_type
- owner
- lat
- lon

Sampleresults returntype

This returntype is specifically designed for the S2S interface. It generates an HTML table that is used to display the resultset from the search query. The table has four columns.

- Sample Number
- Rock type
- Sample minerals
- Owner

Example Request: http://metpetdb.rpi.edu/metpetdb-py/api/metpetdb/?returntype=region_facet&format=json

Sample Output

```
[  
  
{"count": "8", "id": "8", "label": "Idaho"},  
  
{"count": "8", "id": "9", "label": "Snow Peak & Mallard Peak region"},  
  
{"count": "7", "id": "10", "label": "CA"}, {"count": "7", "id": "11", "label": "Sierra Nevada"}  
]
```