Parties

Parties Collection Resource

Search for parties.
Party is the superclass of Organization and Person and this collection resource provides generic search across all directory entities.

Query Form

https://my.usgs.gov/directory/parties/queryForm

Query Parameters

<table>
<thead>
<tr>
<th>name</th>
<th>values</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>mode</td>
<td>quick, agent</td>
<td>Search using the 'quick' or 'agent' search modes instead of the default mode.</td>
</tr>
<tr>
<td></td>
<td>quick</td>
<td>quick mode is designed to support autocomplete inputs in ScienceBase. The normal full text search parameter, q, is used to search the beginnings of words in a few key party properties in addition to usual whole words elsewhere.</td>
</tr>
<tr>
<td></td>
<td>agent</td>
<td>agent mode is designed to support the directory matching features in catalog</td>
</tr>
<tr>
<td>q</td>
<td>(text)</td>
<td>full text search</td>
</tr>
<tr>
<td>active</td>
<td>true, false</td>
<td>limit results to only parties with the active flag set to true or false</td>
</tr>
<tr>
<td>email</td>
<td>email address</td>
<td>search by email address</td>
</tr>
<tr>
<td>max</td>
<td>(integer)</td>
<td>maximum number of records to return</td>
</tr>
<tr>
<td>offset</td>
<td>(integer)</td>
<td>skip the first N records, use this in combination with max page through results</td>
</tr>
<tr>
<td>format</td>
<td>json, html, ...</td>
<td>specify the output format to be JSON or HTML. This can also be accomplished with an 'Accepts' header.</td>
</tr>
<tr>
<td>sort</td>
<td>name, displayName, ...</td>
<td>the name of the field to sort by. When not specified, the results are sort by search score. Sorting by fields other than search score can negatively impact performance.</td>
</tr>
<tr>
<td>order</td>
<td>asc, desc</td>
<td>sort in ascending or descending order</td>
</tr>
</tbody>
</table>

Query Examples

- Find parties with the keywords 'Water' and 'Science'
  https://www.sciencebase.gov/directory/parties?q=Water+Science
- Find parties with the keyword 'Bristol' where party.active is true
  https://www.sciencebase.gov/directory/parties?q=Bristol&active=true
- Find parties with the keyword 'biology' and return a page of 20 results, starting on the second page (that is, skip the first 20), and using the format query parameter to request JSON
  https://www.sciencebase.gov/directory/parties?q=biology&max=20&offset=20&format=json
- Find parties with the keywords 'marine' and 'biology' and order by the results by name in reverse order
  https://www.sciencebase.gov/directory/parties?q=marine+biology&sort=name&order=desc
- Use quick search to find parties with words the begin with 'brist'
  https://www.sciencebase.gov/directory/parties?mode=quick&q=brist

GET: Search for Parties
**Request**

GET directory/parties?q=bio HTTP/1.1
HOST: www.sciencebase.gov
Accept: application/json

*Alternative GET request using query param instead Accept header*

**Response**

**JSON Response**

```
{
    "total":184,
    "selflink":{
        "rel":"self",
        "url":"https://www.sciencebase.gov/directory/parties?q=bio&format=JSON&max=10"
    },
    "nextlink":{
        "rel":"next",
        "url":"https://www.sciencebase.gov/directory/parties?q=bio&format=JSON&max=10&offset=10"
    },
    "parties":[
        {
            "type":"person",
            "id":50135,
            "name":"Bio, Kealii",
            "displayName":"Kealii Bio",
            "displayText":"Kealii Bio",
            "email":"kealii_bio@usgs.gov",
            "url":null,
            "description":"Record created from BASIS+ data.",
            "richDescriptionHtml":null,
            "note":"phone=|fax=mail=",
            "aliases":null,
            "active":false,
            "firstName":"Kealii",
            "lastName":"Bio",
            "organization":{
                "id":18139,
                "displayText":"U.S. Geological Survey"
            },
            "permissions":{
                "read":{
                    "acl":[
                        "ROLE:ScienceBase_DataAdmin",
                        "ROLE:PlotDataAdmin"
                    ]
                },
                "write":{
                    "acl":[
                        "ROLE:ScienceBase_DataAdmin",
                        "ROLE:PlotDataAdmin"
                    ]
                }
            }
        }
    ]
}
```