

# 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

name	values	description
mode	quick, agent	Search using the 'quick' or 'agent' search modes instead of the default mode.  <b>quick</b> 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.  <b>agent</b> mode is designed to support the directory matching features in catalog
q	(text)	full text search
active	true, false (boolean)	limit results to only parties with the active flag set to true or false
email	email address	search by email address
max	(integer)	maximum number of records to return
offset	(integer)	skip the first N records, use this in combination with <i>max</i> page through results
format	json, html, ....	specify the output format to be JSON or HTML. This can also be accomplished with an 'Accepts' header.
sort	name, displayName, ...	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.
order	asc, desc	sort in ascending or descending order

### 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 that begin with 'brist'  
<https://www.sciencebase.gov/directory/parties?mode=quick&q=brist>

### GET: Search for Parties

```
https://www.sciencebase.gov/directory/parties?q=<keywords>
```

## 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":[

    ],
      "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"
          ]
        }
      }
    }
  ],
}
```

```
{
  "type":"organization",
  "id":59605,
  "name":"Biological Carbon Sequestration",
  "displayName":null,
  "displayText":"Biological Carbon Sequestration",
  "email":null,
  "url":null,
  "description":null,
  "richDescriptionHtml":null,
  "note":null,
  "aliases":[
    "Carbon Sequest - Bio"
  ],
  "active":true,
  "fbmsCodes":[
    {
      "id":383,
      "code":"GGHCGR0700",
      "annotation":"Old FBMS Code"
    }
  ],
  "permissions":{
    "read":{
      "acl":[
        "ROLE:ScienceBase_DataAdmin",
        "ROLE:PlotDataAdmin"
      ]
    },
    "write":{
      "acl":[
        "ROLE:ScienceBase_DataAdmin",
        "ROLE:PlotDataAdmin"
      ]
    }
  }
},
...
]
}
```