

# Person

## Person

GET (Retrieve), POST (Create), PUT (Update), and DELETE individual Person records

### GET: An individual Person record

#### Request

```
GET /directory/person/123
HOST: www.sciencebase.gov
Accept: application/json
```

#### Response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8
{
  "link":{
    "rel":"self",
    "url":"https://www.sciencebase.gov/directory/person/1193"
  },
  "id":1193,
  "name":"Sky Bristol/RGIO/USGS/DOI",
  "displayName":"Sky Bristol",
  "displayText":"Sky Bristol",
  "url":"https://my.usgs.gov/catalog/Global/catalogParty/show/1193",
  "email":"sbristol@usgs.gov",
  "description":"Sky Bristol currently manages the Applied Earth Systems Informatics Research branch in the Core Science Analytics and Synthesis program of the Core Science Systems Mission Area. He strives to develop innovative technology solutions for USGS science.",
  "richDescriptionHtml":"<p>\n\tSky Bristol currently manages the Applied Earth Systems Informatics Research branch in the Core Science Analytics and Synthesis program of the Core Science Systems Mission Area. He strives to develop innovative technology solutions for USGS science.</p>",
  "aliases":[
    {
      "id":4,
      "alias":"Bristol, RS",
      "annotation":"publishing alias"
    },
    {
      "id":1,
      "alias":"R. Sky Bristol",
      "annotation":"publishing alias"
    },
    {
      "id":2,
      "alias":"Robert Schuyler Bristol",
      "annotation":"full legal name"
    },
    {
      "id":3,
      "alias":"Bristol, R. Sky",
      "annotation":"publishing alias"
    }
  ],
  "active":true,
  "primaryLocation":{
    "id":1866,
    "name":"Sky Bristol/RGIO/USGS/DOI - Primary Location",
    "building":"DFC Bldg 810",
    "buildingCode":"KBT",
    "officePhone":"303-202-4181",
    "faxPhone":"303-202-4710",
```

```
"mailAddress":{
  "line1":"Box 25046, Denver Federal Center, Mail Stop 306",
  "mailStopCode":"306",
  "city":"Denver",
  "state":"CO",
  "zip":"80225-0046",
  "country":"USA"
},
"streetAddress":{
  "line1":"West 6th Ave. & Kipling St., DFC Bldg. 810",
  "city":"Lakewood",
  "state":"CO",
  "zip":"80225-0046",
  "country":"US"
},
"longitude":-105.1247994,
"latitude2":null
},
"partyLocations":[
  {
    "link":{
      "rel":"self",
      "href":"https://www.sciencebase.gov/directory/location/1866/get"
    },
    "locationId":1866,
    "displayName":"Sky Bristol/RGIO/USGS/DOI - Primary Location",
    "primary":true,
    "sort":1
  }
],
"permissions":{
  "read":{
    "acl":[
      "PUBLIC"
    ]
  },
  "write":{
    "acl":[
      "USER:sbristol@usgs.gov",
      "ROLE:PlotDataAdmin",
      "ROLE:ScienceBase_DataAdmin"
    ]
  }
},
"firstName":"Sky",
"lastName":"Bristol",
"jobTitle":"Manager Applied Earth Systems Informatics Research",
"cellPhone":"303-241-4122",
"username":"sbristol@usgs.gov",
"supervisorId":6715,
"supervisorDisplayName":"Michael P McDermott/GIO/USGS/DOI",
"supervisor":{
  "link":{
    "rel":"self",
    "href":"https://www.sciencebase.gov/directory/person/6715"
  },
  "id":6715,
  "displayText":"Michael P McDermott"
},
"organizationId":59505,
"organization":{
  "link":{
    "rel":"self",
    "href":"https://www.sciencebase.gov/directory/organization/59505"
  },
  "id":59505,
  "displayText":"Applied Earth Systems Informatics Research"
},
"protectedFromLdap":false,
"extensions":{
  "usgs":{
```

```
    "employeeId":49602,
    "notesName":"Sky Bristol/RGIO/USGS/DOI",
    "orgCode":"GGHIEJ3000",
    "buildingCode":"KBT"
  }
}
```

TODO: should self links be to the instance class or just person regardless

### Notes About GET and the Person data

- 404 is returned when no matching records found for ID

### POST: Create a New Person Record

#### Request

```
POST /directory/person
HOST: www.sciencebase.gov
Content-Type: application/json
Accept: application/json

{
  "name":"John Doe/SomeOrg",
  "displayName":"John Doe",
  "firstName":"John",
  "lastName":"Doe",
  "email":"jdoe@someorg.org",
  ....
}
```

#### Response

```
HTTP/1.1 201 Created
Content-Type: application/json;charset=utf-8

{
  "name":"John Doe/SomeOrg",
  "displayName":"John Doe",
  "firstName":"John",
  "lastName":"Doe",
  "email":"jdoe@someorg.org",
  ....
}
```

### PUT: Update an Existing Person Record

#### Request

```
PUT /directory/person/123
HOST: www.sciencebase.gov
Content-Type: application/json
Accept: application/json

{
  "name":"John Doe/SomeOrg",
  "displayName":"John Doe",
  "firstName":"John",
  "lastName":"Doe",
  "email":"jdoe@someorg.org",
  ....
}
```

#### Response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8

{
  "name": "John Doe/SomeOrg",
  "displayName": "John Doe",
  "firstName": "John",
  "lastName": "Doe",
  "email": "jdoe@someorg.org",
  ....
}
```

## DELETE: Remove a record

### Request

```
DELETE /directory/person/123
HOST: www.sciencebase.gov
Accept: application/json
```

### Response

```
HTTP/1.1 200 OK
application/json;charset=utf-8
```

(TODO: finalizes behavior/messages for deletes. Although the http status will be the most important result, we may need some messages in the body.)

## Person Properties

### ID

Unique identifier, an integer. This is used in the URI to identify the record for GET, POST, PUT and DELETE.

```
"id": 123
```

### Name

A unique name for the record. This property is required for a Party.

```
"name": "John Doe/DOI/USGS"
```

### DisplayName

An optional label to display instead of the record name.

```
"displayName": "John Doe"
```

### DisplayText

A read-only property add for convenience.

```
"displayText": "John Doe"
```

### URL

A web address for a page about the party.

```
"url": "http://example.gov/homePageOf/jdoe"
```

## Email

```
"email": "jdoe@usgs.gov"
```

## Description

```
"description": "The happy employee who works on stuff."
```

## Rich Description HTML

```
"richDescriptionHtml": "The <b>happy</b> employe who &ldquo;works&rdquo; on <i>stuff</i>."
```

## Aliases

```
aliases:
[
  {
    id: 3,
    alias: "Doe, John",
    annotation: "publishing alias"
  },
  {
    id: 4,
    alias: "Doe, J",
    annotation: "publishing alias"
  }
]
```

## Active

A boolean flag to indicate the record is active.

```
"active": true
```

## Primary Location

```
primaryLocation:
{
id: 1866,
name: "Sky Bristol/RGIO/USGS/DOI - Primary Location",
building: "DFC Bldg 810",
buildingCode: "KBT",
officePhone: "303-202-4181",
faxPhone: "303-202-4229",
mailAddress: {line1: "Box 25046, Denver Federal Center, Mail Stop 306",
mailStopCode: "306",
city: "Denver",
state: "CO",
zip: "80225-0046",
country: "USA"
},
streetAddress: {line1: "West 6th Ave. & Kipling St., DFC Bldg. 810",
city: "Lakewood",
state: "CO",
zip: "80225-0046",
country: "US"
},
latitude2: null
},
```

### First Name

```
"firstName": "John"
```

### Last Name

```
"lastName": "Doe"
```

### Job Title

```
"jobTitle": "Manager of Directors"
```

## Cell Phone

```
"cellPhone": "555-123-1234"
```

## Username (myUSGS)

```
"username": "jdoe@usgs.gov"
```

## Supervisor ID

```
"supervisorId": 321
```

## Supervisor

```
"supervisor": {
  link: {
    rel: "self",
    href: "https://beta.sciencebase.gov/directory/person/321"
  }
  id: 321
  displayText: "Sue Jones"
}
```

## Organization ID

```
"organizationId": 678
```

## Organization

```
"organization": {
  link: {
    rel: "self",
    href: "https://beta.sciencebase.gov/directory/organization/678"
  }
  id: 321
  displayText: "Some Org"
}
```

## protectedFromLdap

A flag to disable updates from Active Directory

```
"protectedFromLdap": false
```

## Extensions

A collection of objects to extend the properties beyond the core Person attributes. USGS people have a USGS extension for USGS specific attributes.

```
"extensions": {
  usgs: {
    employeeId: 10101,
    notesName: "John Doe/RGIO/USGS/DOI",
    orgCode: "GGGGG9999",
    buildingCode: "ABC"
  }
}
```