BV-BRC API (1.0.0)

Download OpenAPI specification: Download

API documentation for BV-BRC

Retrieve content by ID

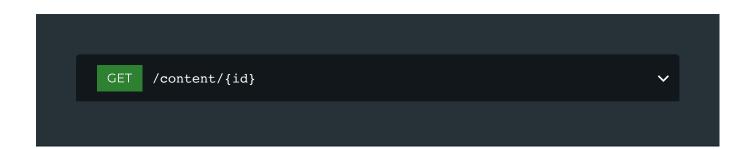
Fetches content details based on a given ID.

PATH PARAMETERS

→ id stringrequired ID of the content

Responses

200 Successfully retrieved content404 Content not found



Auto-generated summary for GET contentDirectory

Responses

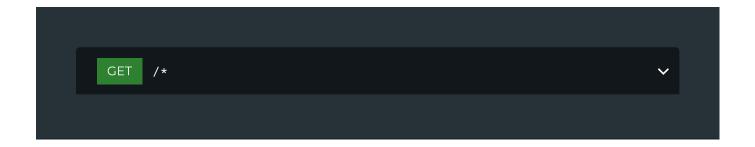
— 200 Successful response



Auto-generated summary for GET *

Responses

— 200 Successful response



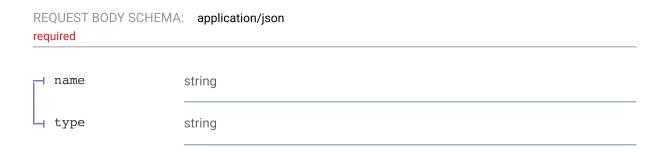
Auto-generated summary for POST *

Responses



Add a new dataset entry

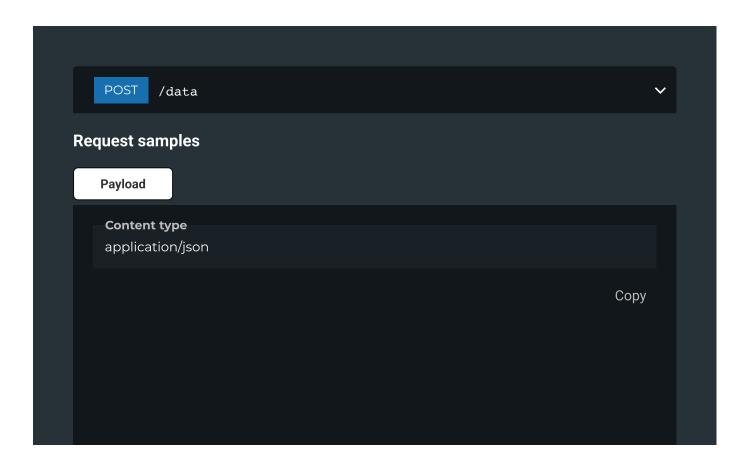
Creates a new dataset entry in the API.



Responses

— 201 Successfully created dataset

— 400 Invalid data format

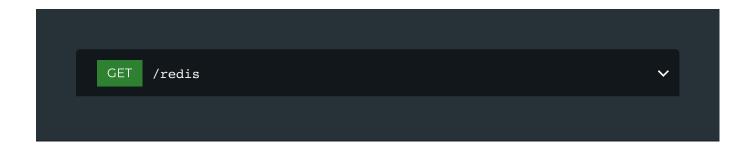


```
{
    "name": "New dataset",
    "type": "genome"
}
```

Auto-generated summary for GET redis

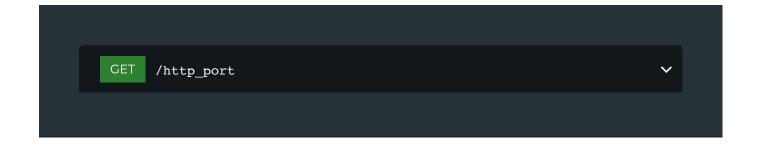
Responses

— 200 Successful response



Auto-generated summary for GET http_port

Responses



Auto-generated summary for GET /summary_by_taxon/:taxon_id

Responses

- 200 Successful response



Auto-generated summary for GET /distinct/:collection/:field

Responses

- 200 Successful response



Auto-generated summary for GET /taxon_category/

— 200 Successful response



Auto-generated summary for GET /subsystem_summary/:genome_id

Responses

- 200 Successful response

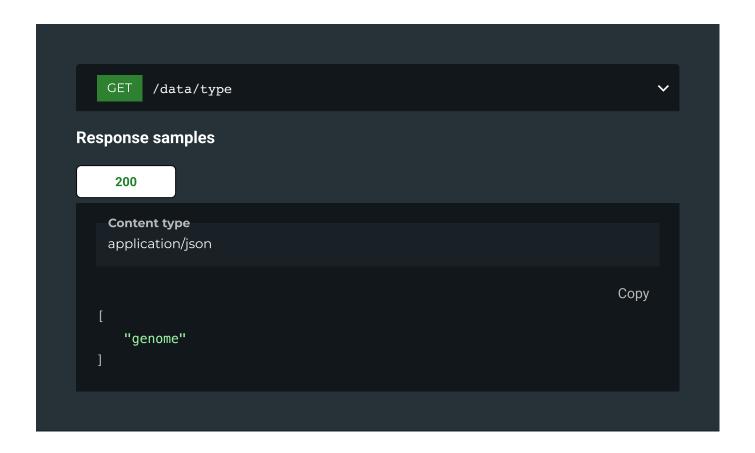


Retrieve available data types

Returns a list of all data types available in the API.

Responses

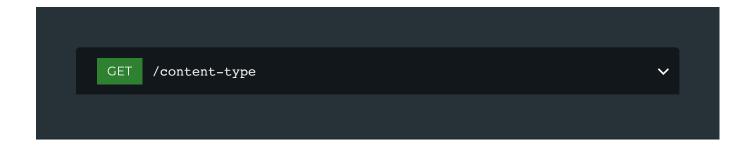
> 200 Successfully retrieved data types



Auto-generated summary for GET content-type

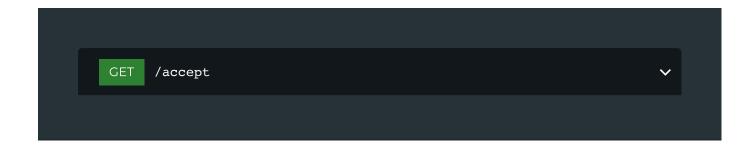
Responses

— 200 Successful response



Auto-generated summary for GET accept

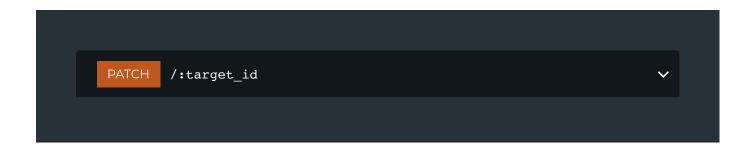
- 200 Successful response



Auto-generated summary for PATCH /:target_id

Responses

— 200 Successful response



Auto-generated summary for POST /:target_id

Responses

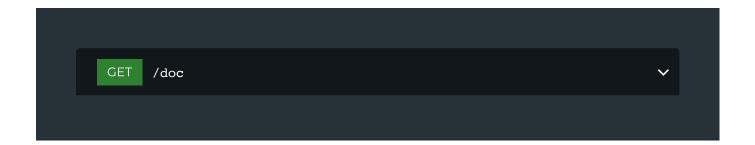


Retrieve API documentation

Serves API documentation in JSON format.

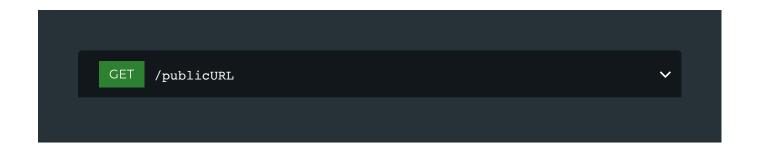
Responses

— 200 Successfully retrieved documentation



Auto-generated summary for GET publicURL

Responses



Auto-generated summary for GET /

Returns general information about the API.

Responses

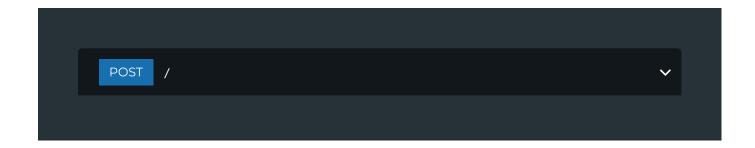
- 200 Successful response



Auto-generated summary for POST /

Responses

— 200 Successful response



Auto-generated summary for GET /:collection

- 200 Successful response



Download a file

Allows downloading files from the API using a file ID.

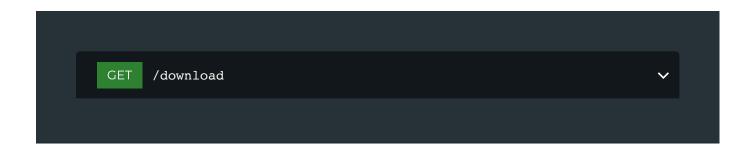


⊢ fileId stringrequired ID of the file to download

Responses

— 200 File downloaded successfully

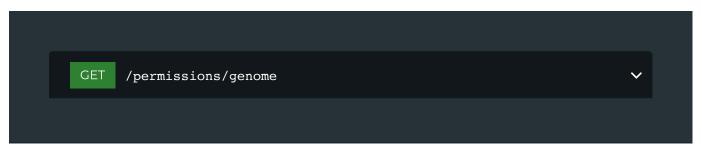
- 404 File not found



Check genome permissions

Returns access permissions for a given genome.





Auto-generated summary for GET solr

Responses



Search HPI data

Fetches data from the HPI search API using a search term.

QUERY PARAMETERS — term string Search term for querying HPI data.

Responses

> 200 Successfully retrieved HPI search results

```
Response samples

200

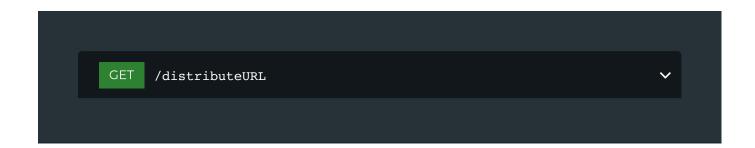
Content type
application/json

Copy Expand all Collapse all

{
    - "results": [
    + { ... }
    ]
}
```

Auto-generated summary for GET distributeURL

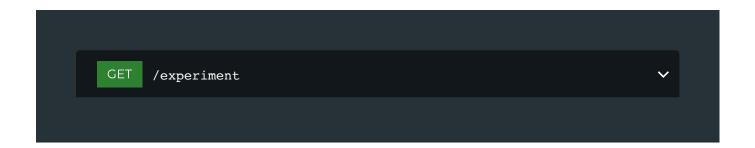
- 200 Successful response



Auto-generated summary for GET /experiment

Responses

— 200 Successful response



Auto-generated summary for GET /experiment/:id

Responses



Auto-generated summary for GET /experiment/:id/id-list/:id_list

Responses

— 200 Successful response



Auto-generated summary for GET /experiment/:id/id-list/:id_list/ids

Responses



Auto-generated summary for GET /api

Responses

- 200 Successful response



Trigger data indexing

Initiates the indexing process for the API database.

Responses

- 200 Indexing started successfully

— 500 Error starting indexing



Auto-generated summary for GET queueDirectory

Responses

- 200 Successful response



Auto-generated summary for GET /:id

Responses



Auto-generated summary for POST /:type

Responses

- 200 Successful response



Retrieve JBrowse data

Fetches genomic visualization data for JBrowse.

QUERY PARAMETERS

-- genomeId string
 required Genome ID for JBrowse

Responses

— 200 Successfully retrieved JBrowse data



Auto-generated summary for GET jbrowseAPIRoot

Responses

- 200 Successful response



Auto-generated summary for GET type

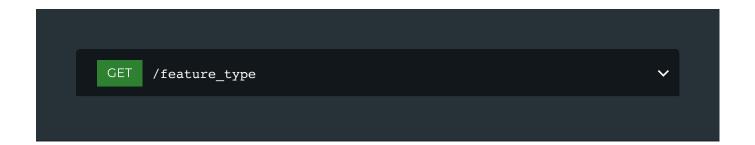
Responses

- 200 Successful response



Auto-generated summary for GET feature_type

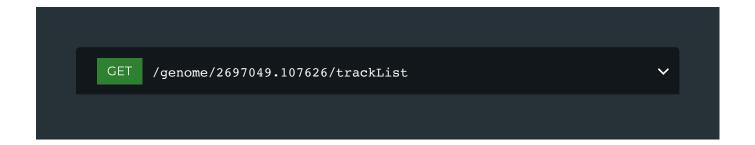
Responses



Auto-generated summary for GET /genome/2697049.107626/trackList

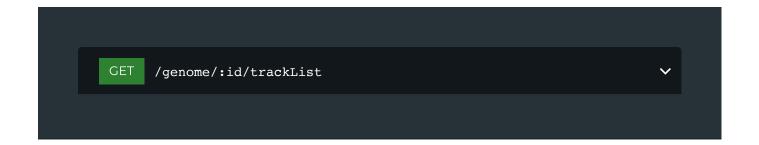
Responses

- 200 Successful response



Auto-generated summary for GET /genome/:id/trackList

Responses



Auto-generated summary for GET /genome/:id/tracks

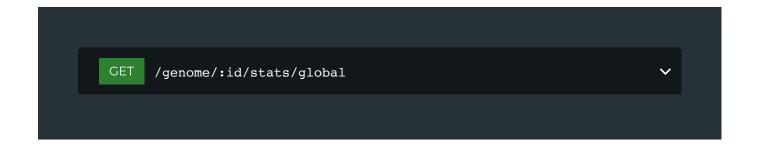
Responses

- 200 Successful response



Auto-generated summary for GET /genome/:id/stats/global

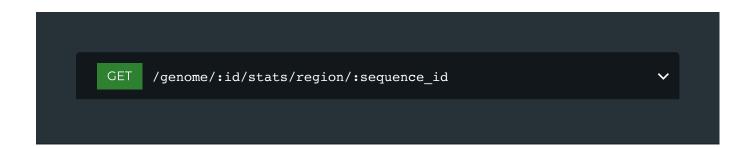
Responses



Auto-generated summary for GET /genome/:id/stats/region/:sequence_id

Responses

- 200 Successful response



Auto-generated summary for GET /genome/:id/stats/regionFeatureDensities/:sequence_id

Responses

- 200 Successful response



Auto-generated summary for GET /genome/:id/features/:seq_accession

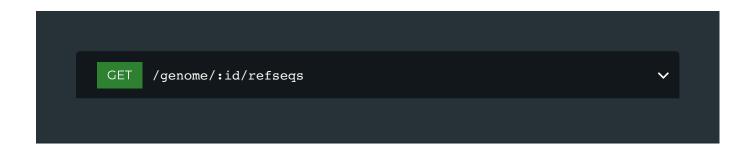
- 200 Successful response



Auto-generated summary for GET /genome/:id/refseqs

Responses

— 200 Successful response



Auto-generated summary for GET /genome/:id/names/

Responses



Execute multiple queries

Submits multiple queries to the API and returns combined results.

REQUEST BODY SCHEMA: application/json
required

— queries > Array of objects

Responses

- 200 Successfully executed queries
- 400 Invalid query format



}

Execute an RPC request

Handles remote procedure calls (RPC) for various API functions.

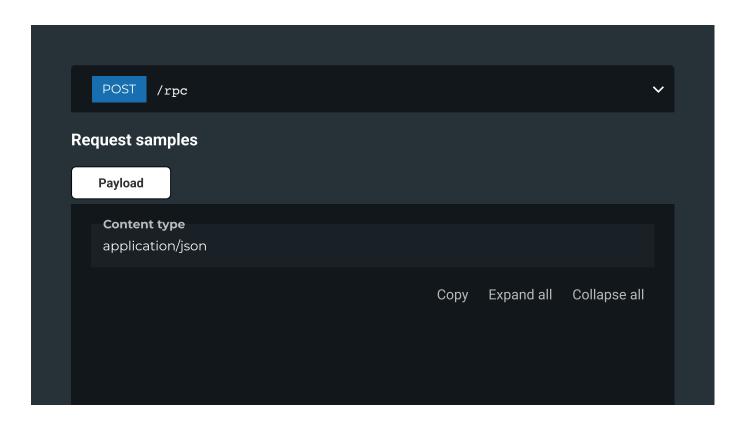
required

method string
params object

Responses

— 200 Successfully executed RPC call

— 400 Invalid request format



```
{
    "method": "string",
    "params": { }
}
```