

master document for generating PDF

= GOBii API

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PayloadEnvelopeProtocolDTO .....	89
PayloadEnvelopeReferenceDTO .....	89
PayloadEnvelopeRestProfileDTO .....	90
PayloadExperimentDTO .....	90
PayloadExtractorInstructionFilesDTO .....	90
PayloadJobDTO .....	90
PayloadLoaderFilePreviewDTO .....	90
PayloadLoaderInstructionFilesDTO .....	91
PayloadManifestDTO .....	91
PayloadMapsetDTO .....	91
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PayloadNameIdDTO .....	92
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# Overview

The GOBii web service API provides a comprehensive set of RESTful methods for accomplishing the following core tasks in the GOBii Genomic Data Management (GDM) system. This manual explains the GOBii web architecture and its web service operations.

## Version information

*Version* : 1.0

## License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : null

## URI scheme

*Host* : localhost:8081

*BasePath* : /api

*Schemes* : HTTP

# Overview

GOBii's internal documentation explains in detail how the web service infrastructure is architected. It is not necessary for a consumer of the GOBii web API to understand this in great detail. However, knowing a few things about it will make it easier to understand the web method documentation.

## Language and Framework

GOBii Web Services are implemented in Java with the Spring framework. Virtually all calls conform to the same basic structure. For example, the /analyses POST method is as follows:



```

    @RequestMapping(value = "/analyses", method = RequestMethod.POST)
    @ResponseBody
    public PayloadEnvelope<AnalysisDTO> createAnalysis(@ApiParam(required = true)
    @RequestBody PayloadEnvelope<AnalysisDTO> analysisPostEnvelope,
                                                    HttpServletRequest request,
                                                    HttpServletResponse response) {

        PayloadEnvelope<AnalysisDTO> returnVal = new PayloadEnvelope<>();

        // populate returnVal . . .

        return returnVal;
    }

```

Ther request and response are almost always wrapped in a type-parameterized PayloadEvenlope. In this case, the PayloadEnvelope is type-parameterized for the AnalysisDTO. Other methods are type parameterized according to the entity that they touch (e.g., the implementation of the /datasets POST method is type-parameterized for the DataSetDTO).

## The DTO Payload

The DTO objects are lightweight classes that contain simple data properties. They correspond roughly but not exactly to entities in the database (for example, in some cases a DTO defines a child collection of foreign-keyed entitites).

For a client of this application, however, the strongly-typed nature of the implementation is irrelevant: all request responses and bodies are conveyed in plain JSON, and it is the application's job to serialize and deserialize accordingly. What a client implementation must take into account, however, is the structure of the DTO that pertains to a specific all. From the reference section for each web method in this document, youcan navigate to the DTO definition.

## Request/Response Structure

The following illustrates the http body structure encompassed by the PayloadEnvelope. As mentioned above, it is the same for almost all responses as well as for the body of POST and PUT requests.

```

{
  "payload":{
    "linkCollection":{
      "linksPerDataItem":[

      ],
      "exploreLinksPerDataItem":[

      ]
    },
    "data":[

    ]
  },
  "header":{
    "gobiiProcessType":"",
    "dtoHeaderAuth":{
      "userName":null,
      "password":null,
      "token":"",
      "gobiiCropType":""
    },
    "status":{
      "succeeded":true,
      "statusMessages":[

      ],
      "statusMessagesByCode":{

      }
    },
    "pagination":null,
    "gobiiVersion":"2.0_2018-07-31",
    "cropType":""
  }
}

```

For requests, the following keys can be omitted:

- payload.linkCollection
- header

The content of the "data" array will vary depending on how the call is type-parameterized. For example, for a POST to the the /project resource, it will contain a project object, as defined by ProjectDTO.

# Authentication

All calls except for /configsettings GET require a valid authentication token. The token can be acquired via a POST to the /auth resource with an empty body and the following request headers set:

- X-Username
- X-Password

The specified header values must, of course, be a valid GOBii username and password. Both values are expected to be unencrypted (https will provide encryption for the overall request stream).

GOBii users must be defined in the system's LDAP and in the GOBii contact table. Accordingly, there can be two types of authentication failures:

- 401 Unauthorized: the user does not authenticate to LDAP;
- 403 Forbidden: the contact record does not exist. In this case, the error will indicate "Missing contact info for user <user-name> in crop database <crop-db>; a contact record must have username = <user-name>";

When authentication succeeds, the response headers will contain an X-Auth-Token key whose value is a valid token. For subsequent requests, it is sufficient to supply X-Auth-Token in the request headers with the token that was received from the /auth POST. Some browsers prevent the client code from reading custom response headers. For such cases, the token value can also be retrieved from the "token" key in the "dtoHeaderAuth" object.

## Error Handling

Errors internal to GOBii are reported in the "header" key accompanying the response. An example of how to retrieve error data is provided in the following code fragment.

```
if (!header.getStatus().isSucceeded() ||
    header
        .getStatus()
        .getStatusMessages()
        .stream()
        .filter(headerStatusMessage ->
headerStatusMessage.getGobiiStatusLevel().equals(GobiiStatusLevel.VALIDATION))
        .count() > 0) {
    returnVal = true;
    System.out.println();
    System.out.println("*** Header errors: ");
    for (HeaderStatusMessage currentStatusMesage :
header.getStatus().getStatusMessages()) {
        System.out.println(currentStatusMesage.getMessage());
    }
}
```

# Paths

## Creates analysis entity

POST /gobii/v1/analyses

### Description

Creates an analysis entity for GOBii system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	body —	<a href="#">PayloadEnvelopeAnalysisDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeAnalysisDTO</a>

## Gets all the analyses

GET /gobii/v1/analyses

### Description

Retrieves an unfiltered list of all Analysis entities. Consult the [Request/Response Section](#) before attempting to use this call.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeAnalysisDTO</a>

# Gets analysis by Analysis ID

```
GET /gobii/v1/analyses/{analysisId}
```

## Description

Retrieves the Analysis entity having the specified ID. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>analysisId</b> —	ID of Analysis to be extracted.	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeAnalysisDTO</a>

# Updates analysis by Analysis ID

```
PUT /gobii/v1/analyses/{analysisId}
```

## Description

Updates the Analysis entity having the specified analysisId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>analysisId</b> —	ID of Analysis to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeAnalysisDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeAnalysisDTO</a>

## Authentication service for accessing GOBii System

POST /gobii/v1/auth

### Description

The user credentials are specified in the request headers X-Username and X-Password; the response and the response headers include the token in the X-Auth-Token header. this header and value be included in the request headers for subsequent requests. The token value is also supplied in the dtoHeaderAuth object.

### Parameters

Type	Name	Schema
Body	body —	string

### Responses

HTTP Code	Description	Schema
200	successful operation	string

## Gets the configuration settings for GOBii system

GET /gobii/v1/configsettings

### Description

Provides generic configuration information about the GOBii instances in a given deployment. This call does not require authentication

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeConfigSettingsDTO</a>

## /contacts-search

GET /gobii/v1/contact-search

### Description

Gets contacts by searching for emailid, lastname, firstname, username.

### Parameters

Type	Name	Description	Schema
Query	<b>email</b> —	contact's email	string
Query	<b>firstName</b> —	contact's first name	string
Query	<b>lastName</b> —	contact's last name	string
Query	<b>userName</b> —	contact's user name	string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>

## Adds new contact to GOBii system

POST /gobii/v1/contacts

### Description

Adds new contact.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeContactDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>

## Gets all the contacts in the GOBii system

```
GET /gobii/v1/contacts
```

### Description

Gets all contacts.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>

## Gets contacts by contact ID

```
GET /gobii/v1/contacts/{contactId}
```

### Description

Gets contacts by contact id.

### Parameters

Type	Name	Description	Schema
Path	<b>contactId</b> —	ID of contacts to be extracted.	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>



# Updates contacts by contact ID

```
PUT /gobii/v1/contacts/{contactId}
```

## Description

Updates contacts for a given contact id.

## Parameters

Type	Name	Description	Schema
Path	<b>contactId</b> —	ID of contacts to be updated.	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeContactDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>

# Gets contacts by email id

```
GET /gobii/v1/contacts/{email}
```

## Description

Gets contacts by email id.

## Parameters

Type	Name	Description	Schema
Path	<b>email</b> —	email id of contacts to be extracted.	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeContactDTO</a>

## Gets CV terms by CV group ID

```
GET /gobii/v1/cvgroups/{cvGroupId}/cvs
```

### Description

Retrieves all the CV terms having the specified CV group ID

### Parameters

Type	Name	Description	Schema
Path	<b>cvGroupId</b> —	ID of the CV group.	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvDTO</a>

## Gets CV groups by CV group type ID

```
GET /gobii/v1/cvgroups/{cvGroupTypeId}
```

### Description

Retrieves all CV groups having the specified CV group type ID

### Parameters

Type	Name	Description	Schema
Path	<b>cvGroupTypeId</b> —	ID of the cv group type	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvGroupDTO</a>

# Gets CV Group details given CV group name and type ID

```
GET /gobii/v1/cvgroups/{groupName}
```

## Description

Retrieves the details for a given CV Group name and type ID

## Parameters

Type	Name	Description	Schema
Path	<b>groupName</b> —	name of the cv group to be extracted	string
Query	<b>cvGroupTypeId</b> —		integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvGroupDTO</a>

## /cvs

```
POST /gobii/v1/cvs
```

## Description

Creates new cv's.

## Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeCvDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvDTO</a>

## /cvs

```
GET /gobii/v1/cvs
```

### Description

Gets all cvs in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvDTO</a>

## /cvs

```
GET /gobii/v1/cvs/{cvId}
```

### Description

Gets cv by the id.

### Parameters

Type	Name	Description	Schema
Path	cvId —	ID of the CV to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvDTO</a>

## /cvs

PUT /gobii/v1/cvs/{cvId}

### Description

Updates cv's by cvId.

### Parameters

Type	Name	Description	Schema
Path	cvId —	ID of the CV to be updated	integer (int32)
Body	body —		<a href="#">PayloadEnvelopeCv</a> <a href="#">DTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCv</a> <a href="#">vDTO</a>

## /cvs

DELETE /gobii/v1/cvs/{cvId}

### Description

Deletes cv by the id.

### Parameters

Type	Name	Description	Schema
Path	cvId —	ID of cv to be deleted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCv</a> <a href="#">vDTO</a>

## /cvs/{groupName:[a-zA-Z\_]+}

```
GET /gobii/v1/cvs/{groupName}
```

### Description

Gets cvs by the group name.

### Parameters

Type	Name	Description	Schema
Path	<b>groupName</b> —	name of cv group to be extracted	string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeCvDTO</a>

## Creates a dataset

```
POST /gobii/v1/datasets
```

### Description

Creates a new dataset in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeDataSetDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDataSetDTO</a>

## Gets all the datasets

```
GET /gobii/v1/datasets
```

### Description

Retrieves all the existing datasets in the system. The list can be retrieved by page and specific page size.

### Parameters

Type	Name	Description	Schema
Query	<b>pageNo</b> —	Retrieve the specified page by number	integer (int32)
Query	<b>pageSize</b> —	Specify the custom page size	integer (int32)
Query	<b>queryId</b> —		string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDataSetDTO</a>

## Gets the defined Dataset Types in the system

```
GET /gobii/v1/datasets/types
```

### Description

Retrieves all the defined dataset types in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeNameIdDTO</a>

## Gets all the datasets with the given dataset type ID

```
GET /gobii/v1/datasets/types/{id}
```

### Description

Retrieves all the Datasets having the specified type ID.

### Parameters

Type	Name	Description	Schema
Path	id —	ID of the dataset type	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDataSetDTO</a>

## Gets the dataset given Dataset ID

```
GET /gobii/v1/datasets/{dataSetId}
```

### Description

Retrieves the Dataset entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	dataSetId —	ID of the Dataset to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDataSetDTO</a>



# Updates the Dataset by Dataset ID

```
PUT /gobii/v1/datasets/{datasetId}
```

## Description

Updates the Dataset entity having the specified datasetId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>datasetId</b> —	ID of the Dataset to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeDatasetDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDatasetDTO</a>

# Gets all the analysis for the given Dataset ID

```
GET /gobii/v1/datasets/{datasetId}/analyses
```

## Description

Retrieves all the analysis for the given datasetId

## Parameters

Type	Name	Description	Schema
Path	<b>datasetId</b> —	ID of the dataset	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeAnalysisDTO</a>

## Gets the job details for the given Dataset ID

```
GET /gobii/v1/datasets/{datasetId}/jobs
```

### Description

Retrieves the information for active job for a given datasetId

### Parameters

Type	Name	Description	Schema
Path	<b>datasetId</b> —	ID of the dataset	string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Creates a display entity

```
POST /gobii/v1/displays
```

### Description

Creates a display entity with the given information. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeDisplayDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDisplayDTO</a>

## Gets all the displays

```
GET /gobii/v1/displays
```

### Description

Retrieves a list of all the Display entities

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDisplayDTO</a>

## Gets display by Display ID

```
GET /gobii/v1/displays/{displayId}
```

### Description

Retrieves the Display entity having the specified ID

### Parameters

Type	Name	Description	Schema
Path	<b>displayId</b> —	ID of the Display to be extracted	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDisplayDTO</a>

# Updates display by Display ID

```
PUT /gobii/v1/displays/{displayId}
```

## Description

Updates the Display entity having the specified displayId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>displayId</b> —	ID of the Display to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeDisplayDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeDisplayDTO</a>

# Gets all the entities

```
GET /gobii/v1/entities
```

## Description

Retrieves all the existing entities in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeEntityStatsDTO</a>

# Gets the total count of the children for the given Entity

```
GET /gobii/v1/entities/{entityNameParent}/{parentId}/{entityNameChild}/count
```

## Description

Retrieves the total count of the children for the given entity

## Parameters

Type	Name	Description	Schema
Path	<b>entityNameChild</b> —	Name of the child entity	string
Path	<b>entityNameParent</b> —	Name of the parent entity	string
Path	<b>parentId</b> —	ID of the parent entity	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeEntityStatsDTO</a>

## Gets the total entity count for the given Entity Name

```
GET /gobii/v1/entities/{entityName}/count
```

## Description

Retrieves the total Entity count for the given entityName

## Parameters

Type	Name	Description	Schema
Path	<b>entityName</b> —	Name of the Entity	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeEntityStatsDTO</a>

# Gets the last modified entity for the given Entity Name

GET /gobii/v1/entities/{entityName}/lastmodified

## Description

Retrieves last modified Entity for the given entityName

## Parameters

Type	Name	Description	Schema
Path	<b>entityName</b> —	Name of the Entity	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeEntityStatsDTO</a>

# Creates an experiment

POST /gobii/v1/experiments

## Description

Creates a new experiment in the system. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeExperimentDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExperimentDTO</a>

## Gets all the experiments

```
GET /gobii/v1/experiments
```

### Description

Retrieves all the existing experiments in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExperimentDTO</a>

## Gets the experiment given Experiment ID

```
GET /gobii/v1/experiments/{experimentId}
```

### Description

Retrieves the Experiment entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>experimentId</b> —	ID of the Experiment to be updated	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExperimentDTO</a>

## Updates the Experiment by Experiment ID

```
PUT /gobii/v1/experiments/{experimentId}
```

## Description

Updates the Experiment entity having the specified experimentId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>experimentId</b> —	ID of the Experiment to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeExperimentDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExperimentDTO</a>

## Gets all the Protocols by Experiment ID

```
GET /gobii/v1/experiments/{experimentId}/protocols
```

## Description

Retrieves all the protocols having the specified experimentId in the system.

## Parameters

Type	Name	Description	Schema
Path	<b>experimentId</b> —	ID of the Experiment	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProtocolDTO</a>

## Gets file preview for the specified directory name



```
GET /gobii/v1/files/loader/{directoryName}
```

## Description

Retrieves file preview for the specified directory name

## Parameters

Type	Name	Description	Schema
Path	directoryName	Name of the directory	string
Query	fileFormat	Format/Extension of the file	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeLoaderFilePreviewDTO</a>

## Creates a Directory to be used for loading

```
PUT /gobii/v1/files/loader/{directoryName}
```

## Description

Creates a directory in the system that will be used for storing the data files for loading

## Parameters

Type	Name	Description	Schema
Path	directoryName	Name of the directory/folder	string
Body	body		<a href="#">PayloadEnvelopeLoaderFilePreviewDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeLoaderFilePreviewDTO</a>

## Upload file

```
POST /gobii/v1/files/{destinationType}
```

### Description

Uploads an arbitrary file to the specified destination

### Parameters

Type	Name	Description	Schema
Path	<b>destinationType</b> —	Destination type where the file will be uploaded to	string
Query	<b>file</b> —	The file to be uploaded	ref
Query	<b>fileName</b> —	Name of the file to be uploaded	string

### Responses

HTTP Code	Description	Schema
200	successful operation	string

## Delete file

```
DELETE /gobii/v1/files/{destinationType}
```

### Description

Deletes an arbitrary file from the specified destination

### Parameters

Type	Name	Description	Schema
Path	<b>destinationType</b> —	Destination type where the file will be delete from	string
Query	<b>fileName</b> —	Name of the file to be deleted	string

## Responses

HTTP Code	Description	Schema
200	successful operation	string

## Produces

- `text/plain`

# Upload file for Job

```
POST /gobii/v1/files/{gobiiJobId}/{destinationType}
```

## Description

Uploads the specified file for a specific job to the specified directory

## Parameters

Type	Name	Description	Schema
Path	<b>destinationType</b> —	Destination type where the file will be uploaded to	string
Path	<b>gobiiJobId</b> —	ID of the Job that the file will be associated to	string
Query	<b>file</b> —	The file to be uploade	ref
Query	<b>fileName</b> —	Name of the file	string

## Responses

HTTP Code	Description	Schema
200	successful operation	string

## Download file for specified Job

```
GET /gobii/v1/files/{gobiiJobId}/{destinationType}
```

### Description

Downloads the specified file for a specific job from the specified directory

### Parameters

Type	Name	Description	Schema
Path	<b>destinationType</b> —	Destination type where the file will be downloaded from	string
Path	<b>gobiiJobId</b> —	ID of the Job	string
Query	<b>fileName</b> —	Name of the file to be downloaded	string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">InputStreamResource</a>

## Creates instruction file for extracting data

```
POST /gobii/v1/instructions/extractor
```

### Description

Creates extractor instruction file and then submits a new Job.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeExtractorInstructionFilesDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExtractorInstructionFilesDTO</a>

## Gets the extract job status by Job name

```
GET /gobii/v1/instructions/extractor/jobs/{jobName}
```

### Description

Retrieves the extract job status along with other job details having the specified Job Name.

### Parameters

Type	Name	Description	Schema
Path	<b>jobName</b> —	Name of the job	string

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Gets the extract instruction information given file name

```
GET /gobii/v1/instructions/extractor/{instructionFileName}
```

### Description

Retrieves the extractor instruction file entity having the specified instruction file name.

### Parameters

Type	Name	Description	Schema
Path	<b>instructionFileName</b> —	Name of the instruction file to be retrieved	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeExtractorInstructionFilesDTO</a>

## Creates instruction file for loading data

```
POST /gobii/v1/instructions/loader
```

### Description

Creates loader instruction file and then submits a new Job.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeLoaderInstructionFilesDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeLoaderInstructionFilesDTO</a>

## Gets the loading job status by Job name

```
GET /gobii/v1/instructions/loader/jobs/{jobName}
```

### Description

Retrieves the loading job status along with other job details having the specified Job Name.

### Parameters

Type	Name	Description	Schema
Path	<b>jobName</b> —	Name of the job	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Gets the loading instruction information given file name

```
GET /gobii/v1/instructions/loader/{instructionFileName}
```

### Description

Retrieves the loader instruction file entity having the specified instruction file name.

### Parameters

Type	Name	Description	Schema
Path	<b>instructionFileName</b>	Name of the instruction file to be retrieved.	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeLoaderInstructionFilesDTO</a>

## Creates a job

```
POST /gobii/v1/jobs
```

### Description

Creates a new job in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	body —	<a href="#">PayloadEnvelopeJobDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Gets all the jobs

```
GET /gobii/v1/jobs
```

### Description

Retrieves all the existing jobs in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Created DNA samples for a given Job

```
POST /gobii/v1/jobs/dnasamples/{jobName}
```

### Description

Creates DNA samples for a given Job having the specified name in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	jobName —	Name of the Job that the DNA samples will be added to	string
Body	body —		<a href="#">PayloadEnvelopeDNASampleDTO</a>



## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Gets the job given Job Name

```
GET /gobii/v1/jobs/{jobName}
```

### Description

Retrieves the Job entity having the specified name.

### Parameters

Type	Name	Description	Schema
Path	<b>jobName</b> —	Name of the Job to be extracted	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Updates the Job by Job Name

```
PUT /gobii/v1/jobs/{jobName}
```

### Description

Updates the Job entity having the specified jobName. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>jobName</b> —	Name of the Job to be updated	string

Type	Name	Description	Schema
Body	body —		<a href="#">PayloadEnvelopeJobDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeJobDTO</a>

## Creates manifest entity

POST /gobii/v1/manifests

### Description

Creates a Manifest entity for GOBii system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	body —	<a href="#">PayloadEnvelopeManifestDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeManifestDTO</a>

## Gets all the Manifests

GET /gobii/v1/manifests

### Description

Retrieves an unfiltered list of all Manifest entities.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeManifestDTO</a>

## Gets the manifest given Manifest ID

```
GET /gobii/v1/manifests/{manifestId}
```

### Description

Retrieves the Manifest entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>manifestId</b> —	ID of the Manifest to be retrieved	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeManifestDTO</a>

## Updates manifest by Manifest ID

```
PUT /gobii/v1/manifests/{manifestId}
```

### Description

Updates the Manifest entity having the specified manifestId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>manifestId</b> —	ID of the Manifest to be updated	integer (int32)

Type	Name	Description	Schema
Body	body —		<a href="#">PayloadEnvelopeManifestDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeManifestDTO</a>

## Gets all the Mapsets

```
GET /gobii/v1/maps
```

### Description

Retrieves all the existing Mapsets in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMapsetDTO</a>

## Creates a mapset

```
POST /gobii/v1/mapsets
```

### Description

Creates a new mapset in the system. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Schema
Body	body —	<a href="#">PayloadEnvelopeMapsetDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelope</a> <a href="#">MapsetDTO</a>

## Gets all the mapsets

```
GET /gobii/v1/mapsets
```

### Description

Retrieves all the existing mapsets in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelope</a> <a href="#">MapsetDTO</a>

## Gets the mapset given Mapset ID

```
GET /gobii/v1/mapsets/{mapsetId}
```

### Description

Retrieves the Mapset entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>mapsetId</b> —	ID of the Mapset to be extracted	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelope</a> <a href="#">MapsetDTO</a>

# Updates the Mapset by Mapset ID

```
PUT /gobii/v1/mapsets/{mapsetId}
```

## Description

Updates the Mapset entity having the specified mapsetId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>mapsetId</b> —	ID of the Mapset to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeMapsetDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMapsetDTO</a>

# Marker search

```
GET /gobii/v1/marker-search
```

## Description

Gets Marker by searching by name

## Parameters

Type	Name	Description	Schema
Query	<b>name</b> —	Name of the marker	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerDTO</a>

## Creates a Marker Group

POST /gobii/v1/markergroups

### Description

Creates a new marker group in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

## Gets all the marker groups

GET /gobii/v1/markergroups

### Description

Retrieves all the existing marker groups in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

# Gets the marker group given Marker Group ID

```
GET /gobii/v1/markergroups/{markerGroupId}
```

## Description

Retrieves the Marker Group entity having the specified ID.

## Parameters

Type	Name	Description	Schema
Path	<b>markerGroupId</b> —	ID of the marker group to be updated	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

# Updates the Marker Group by Marker Group ID

```
PUT /gobii/v1/markergroups/{markerGroupId}
```

## Description

Updates the Marker Group entity having the specified markerGroupId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>markerGroupId</b> —	ID of the Marker Group to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

## Responses



HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerGroupDTO</a>

## Creates a marker

POST /gobii/v1/markers

### Description

Creates a new marker in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeMarkerDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerDTO</a>

## Gets all the markers

GET /gobii/v1/markers

### Description

Retrieves all the existing markers in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerDTO</a>

## Gets the marker given Marker ID

```
GET /gobii/v1/markers/{markerId}
```

### Description

Retrieves the Marker entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>markerId</b> —	ID of the Marker to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerDTO</a>

## Updates the Marker by Marker ID

```
PUT /gobii/v1/markers/{markerId}
```

### Description

Updates the Marker entity having the specified markerId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>markerId</b> —	ID of the Marker to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeMarkerDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeMarkerDTO</a>

## Gets a list of name/ID combination for given Entity and a name list

```
POST /gobii/v1/names/{entity}
```

### Description

Retrieves a list of name/ID combination for a given entity and name list. For the list of entities supported see class GobiiEntityNameType. This service is specifically implemented for these filter types: NAMES\_BY\_NAME\_LIST - given a list of names, return the same list with the corresponding ID in the database. If name doesn't exist, ID will be 0. NAMES\_BY\_NAME\_LIST\_RETURN\_EXISTS - given a list of names, return the list of names with ID that exists in the database. NAMES\_BY\_NAME\_LIST\_RETURN\_ABSENT - given a list of names, return the list of names that doesn't exist in the database with 0 as the ID. Filter value varies per entity. This can be cv group name, project ID, platform ID, etc. Example use case: entity = CV; filterType = NAMES\_BY\_NAME\_LIST; filterValue = germplasm\_typeResult will be a list of CV terms with ID having germplasm\_type as the cv group

### Parameters

Type	Name	Description	Schema
Path	<b>entity</b> —	The entity to be retrieved	string
Query	<b>filterType</b> —	The filter type for the name list	string
Query	<b>filterValue</b> —	The value for the filter type	string
Body	<b>body</b> —		<a href="#">PayloadEnvelopeNameIdDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeNameIdDTO</a>

# Gets a list of name/ID combination for given Entity

```
GET /gobii/v1/names/{entity}
```

## Description

Retrieves a list of name/ID combination for a given entity. For the list of entities supported see class GobiiEntityNameType. List can further be filtered out by specifying the filter type and value. For the list of filter types supported see class GobiiFilterType. Example use case: entity = CV; filterType = NAMES\_BY\_TYPE\_NAME; filterValue = statusResult will be a list of CV terms having status as the cv group

## Parameters

Type	Name	Description	Schema
Path	<b>entity</b> —	The entity to be retrieved	string
Query	<b>filterType</b> —	The filter type for the name list	string
Query	<b>filterValue</b> —	The value for the filter type	string

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeNameIdDTO</a>

# Creates a organization

```
POST /gobii/v1/organizations
```

## Description

Creates a new organization in the system. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Gets all the organizations

```
GET /gobii/v1/organizations
```

### Description

Retrieves all the existing organizations in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Gets the organization given Organization ID

```
GET /gobii/v1/organizations/{organizationId}
```

### Description

Retrieves the Organization entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>organizationId</b> —	ID of the Organization to be extracted	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

# Updates the Organization by Organization ID

```
PUT /gobii/v1/organizations/{organizationId}
```

## Description

Updates the Organization entity having the specified organizationId. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Description	Schema
Path	<b>organizationId</b> —	ID of the Organization to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

# Creates a Platform

```
POST /gobii/v1/platforms
```

## Description

Creates a new Platform in the system. Consult the [Request/Response Section](#) before attempting to use this call.

## Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopePlatformDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopePlatformDTO</a>

## Gets all the platforms

```
GET /gobii/v1/platforms
```

### Description

Retrieves all the existing platforms in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopePlatformDTO</a>

## Gets the platform details given Vendor Protocol ID

```
GET /gobii/v1/platforms/protocols/{vendorProtocolId}
```

### Description

Retrieves the Platform entity having the specified Vendor Protocol ID.

### Parameters

Type	Name	Description	Schema
Path	vendorProtocolId	ID of the vendor protocol	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopePlatformDTO</a>

## Gets the platform given Platform ID

```
GET /gobii/v1/platforms/{platformId}
```

### Description

Retrieves the Platform entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>platformId</b> —	ID of the Platform to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopePlatformDTO</a>

## Updates the Platform by Platform ID

```
PUT /gobii/v1/platforms/{platformId}
```

### Description

Updates the Platform entity having the specified platformId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>platformId</b> —	ID of the Platform to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopePlatformDTO</a>

### Responses



HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopePlatformDTO</a>

## Creates a project

POST /gobii/v1/projects

### Description

Creates a new project in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeProjectDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProjectDTO</a>

## Gets all the projects

GET /gobii/v1/projects

### Description

Retrieves all the existing projects in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProjectDTO</a>

## Gets the projects given Project ID

```
GET /gobii/v1/projects/{projectId}
```

### Description

Retrieves the Project entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>projectId</b> —	ID of the Project to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProjectDTO</a>

## Updates the Project by Project ID

```
PUT /gobii/v1/projects/{projectId}
```

### Description

Updates the Project entity having the specified projectId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>projectId</b> —	ID of the Project to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeProjectDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProjectDTO</a>

## Creates a Protocol

POST /gobii/v1/protocols

### Description

Creates a new Protocol in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeProtocolDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProtocolDTO</a>

## Gets all the protocols

GET /gobii/v1/protocols

### Description

Retrieves all the existing protocols in the system.

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProtocolDTO</a>

## Gets the protocol given Protocol ID

```
GET /gobii/v1/protocols/{protocolId}
```

### Description

Retrieves the Protocol entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>protocolId</b> —	ID of the Protocol to be extracted	integer (int32)

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProtocolDTO</a>

## Updates the Protocol by Protocol ID

```
PUT /gobii/v1/protocols/{protocolId}
```

### Description

Updates the Protocol entity having the specified protocolId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>protocolId</b> —	ID of the Protocol to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeProtocolDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeProtocolDTO</a>

## Creates a Vendor Protocol record for given Protocol ID

```
POST /gobii/v1/protocols/{protocolId}/vendors
```

### Description

Creates a new Vendor Protocol in the system for specified Protocol ID. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>protocolId</b> —	ID of the Protocol	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeOrganizationDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Gets all the Vendor Protocols given Protocol ID

```
GET /gobii/v1/protocols/{protocolId}/vendors
```

### Description

Retrieves all the vendor protocols given protocolId in the system.

### Parameters

Type	Name	Description	Schema
Path	<b>protocolId</b> —	ID of the Protocol ID	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Updates the Vendor Protocol by Protocol ID

```
PUT /gobii/v1/protocols/{protocolId}/vendors
```

### Description

Updates the Vendor Protocol entity having the specified protocolId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>protocolId</b> —	ID of the Protocol	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeOrganizationDTO</a>

## Creates a reference

```
POST /gobii/v1/references
```

### Description

Creates a new reference in the system. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Schema
Body	<b>body</b> —	<a href="#">PayloadEnvelopeReferenceDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeReferenceDTO</a>

## Gets all the references

```
GET /gobii/v1/references
```

### Description

Retrieves all the existing references in the system.

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeReferenceDTO</a>

## Gets the reference given Reference ID

```
GET /gobii/v1/references/{referenceId}
```

### Description

Retrieves the Reference entity having the specified ID.

### Parameters

Type	Name	Description	Schema
Path	<b>referenceId</b> —	ID of the Reference to be extracted	integer (int32)

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeReferenceDTO</a>

## Updates the Reference by Reference ID

```
PUT /gobii/v1/references/{referenceId}
```

### Description

Updates the Reference entity having the specified referenceId. Consult the [Request/Response Section](#) before attempting to use this call.

### Parameters

Type	Name	Description	Schema
Path	<b>referenceId</b> —	ID of the Reference to be updated	integer (int32)
Body	<b>body</b> —		<a href="#">PayloadEnvelopeReferenceDTO</a>

### Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeReferenceDTO</a>

## Gets REST profiles of GOBii system

```
PUT /gobii/v1/restprofiles
```

### Description

When the Header of the payload envelope for a resource contains maxGet, maxPost, and maxPut values, this resource provides a means to update the max for a given rest resource ID and for a given HTTP verb. The values are transient in the sense that they will be confined only to a specific web service deployment. They are stored in the web service configuration document

### Parameters



Type	Name	Schema
Body	body —	<a href="#">PayloadEnvelopeRestProfileDTO</a>

## Responses

HTTP Code	Description	Schema
200	successful operation	<a href="#">PayloadEnvelopeRestProfileDTO</a>

# Definitions

## AnalysisDTO

Name	Schema
algorithm —	string
allowedProcessTypes —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
analysisDescription —	string
analysisId —	integer (int32)
analysisName —	string
anlaysisTypeId —	integer (int32)
createdBy —	integer (int32)
createdDate —	string (date-time)
entityNameType —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
id —	integer (int32)
modifiedBy —	integer (int32)

Name	Schema
<b>modifiedDate</b> —	string (date-time)
<b>parameters</b> —	< <a href="#">EntityPropertyDTO</a> > array
<b>program</b> —	string
<b>programVersion</b> —	string
<b>referenceId</b> —	integer (int32)
<b>sourceName</b> —	string
<b>sourceUri</b> —	string
<b>sourceVersion</b> —	string
<b>statusId</b> —	integer (int32)
<b>timeExecuted</b> —	string (date-time)

## ConfigSettingsDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>id</b> —	integer (int32)
<b>maxUploadSizeMbytes</b> —	integer (int32)
<b>serverCapabilities</b> —	< string, boolean > map
<b>serverConfigs</b> —	< string, <a href="#">ServerConfigItem</a> > map

## ContactDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>code</b> —	string

Name	Schema
<b>contactId</b> —	integer (int32)
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>email</b> —	string
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>firstName</b> —	string
<b>id</b> —	integer (int32)
<b>lastName</b> —	string
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>organizationId</b> —	integer (int32)
<b>roles</b> —	< integer (int32) > array
<b>userName</b> —	string

## CvDTO

Name	Schema
<b>abbreviation</b> —	string
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>cvId</b> —	integer (int32)
<b>definition</b> —	string

Name	Schema
<b>entityStatus</b> —	integer (int32)
<b>group</b> —	integer (int32)
<b>groupId</b> —	integer (int32)
<b>groupType</b> —	integer (int32)
<b>id</b> —	integer (int32)
<b>rank</b> —	integer (int32)
<b>term</b> —	string
<b>xrefId</b> —	integer (int32)

## CvGroupDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>cvGroupId</b> —	integer (int32)
<b>definition</b> —	string
<b>groupType</b> —	integer (int32)
<b>id</b> —	integer (int32)
<b>name</b> —	string

## DataSetDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>analysesIds</b> —	< integer (int32) > array
<b>callingAnalysisId</b> —	integer (int32)

Name	Schema
<b>callingAnalysisName</b> —	string
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>dataFile</b> —	string
<b>dataSetId</b> —	integer (int32)
<b>dataTable</b> —	string
<b>datasetName</b> —	string
<b>datatypeId</b> —	integer (int32)
<b>datatypeName</b> —	string
<b>experimentId</b> —	integer (int32)
<b>experimentName</b> —	string
<b>id</b> —	integer (int32)
<b>jobId</b> —	integer (int32)
<b>jobStatusId</b> —	integer (int32)
<b>jobStatusName</b> —	string
<b>jobSubmittedDate</b> —	string (date-time)
<b>jobTypeId</b> —	integer (int32)
<b>jobTypeName</b> —	string
<b>loaderFirstName</b> —	string
<b>loaderLastName</b> —	string
<b>modifiedBy</b> —	integer (int32)

Name	Schema
<b>modifiedDate</b> —	string (date-time)
<b>piContactId</b> —	integer (int32)
<b>piEmail</b> —	string
<b>piFirstName</b> —	string
<b>piLastName</b> —	string
<b>platformId</b> —	integer (int32)
<b>platformName</b> —	string
<b>projectId</b> —	integer (int32)
<b>projectName</b> —	string
<b>protocolId</b> —	integer (int32)
<b>protocolName</b> —	string
<b>qualityFile</b> —	string
<b>qualityTable</b> —	string
<b>scores</b> —	< integer (int32) > array
<b>statusId</b> —	integer (int32)
<b>totalMarkers</b> —	integer (int32)
<b>totalSamples</b> —	integer (int32)

## DisplayDTO

Name	Description	Schema
<b>allowedProcessesTypes</b> —		< enum (CREATE, READ, UPDATE, DELETE, NONE) > array

Name	Description	Schema
<b>columnName</b> —		string
<b>createdBy</b> —		integer (int32)
<b>createdDate</b> —		string (date-time)
<b>displayId</b> —		integer (int32)
<b>displayName</b> —		string
<b>displayRank</b> —		integer (int32)
<b>entityNameType</b> —		enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —		integer (int32)
<b>includeDetailsList</b> —	Default : <b>false</b>	boolean
<b>modifiedBy</b> —		integer (int32)
<b>modifiedDate</b> —		string (date-time)
<b>tableName</b> —		string
<b>tableNamesWithColDisplay</b> —		< string, < <a href="#">TableColDisplay</a> > array > map

# DnaSampleDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>analysisMethodName</b> —	string
<b>dnaRunId</b> —	integer (int32)
<b>dnaSampleId</b> —	integer (int32)
<b>dnaSampleName</b> —	string
<b>dnaSampleNum</b> —	integer (int32)
<b>dnarunName</b> —	string
<b>experimentId</b> —	integer (int32)
<b>externalCode</b> —	string
<b>germplasmExternalCode</b> —	string
<b>germplasmId</b> —	integer (int32)
<b>germplasmName</b> —	string
<b>id</b> —	integer (int32)
<b>markerCount</b> —	integer (int32)
<b>projectId</b> —	integer (int32)

# EntityPropertyDTO

Name	Schema
<b>entityIdId</b> —	integer (int32)
<b>propertyId</b> —	integer (int32)
<b>propertyName</b> —	string



Name	Schema
<b>propertyValue</b> —	string

## EntityStatsDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>count</b> —	integer (int32)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>entityStateDateType</b> —	enum (INSERT_UPDATE, INSERT_ONLY)
<b>id</b> —	integer (int32)
<b>lastModified</b> —	string (date-time)

## ExperimentDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>datasets</b> —	< <a href="#">DataSetDTO</a> > array
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>experimentCode</b> —	string

Name	Schema
<b>experimentDataFile</b> —	string
<b>experimentId</b> —	integer (int32)
<b>experimentName</b> —	string
<b>id</b> —	integer (int32)
<b>manifestId</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>projectId</b> —	integer (int32)
<b>statusId</b> —	integer (int32)
<b>vendorProtocolId</b> —	integer (int32)

## ExtractorInstructionFilesDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>gobiiExtractorInstructions</b> —	< <a href="#">GobiiExtractorInstruction</a> > array
<b>id</b> —	integer (int32)
<b>instructionFileName</b> —	string
<b>jobId</b> —	string

## File

Name	Description	Schema
<b>absolute</b> —	Default : <b>false</b>	boolean
<b>absoluteFile</b> —		<a href="#">File</a>

Name	Description	Schema
<b>absolutePath</b> —		string
<b>canonicalFile</b> —		<a href="#">File</a>
<b>canonicalPath</b> —		string
<b>directory</b> —	Default : <b>false</b>	boolean
<b>file</b> —	Default : <b>false</b>	boolean
<b>freeSpace</b> —		integer (int64)
<b>hidden</b> —	Default : <b>false</b>	boolean
<b>name</b> —		string
<b>parent</b> —		string
<b>parentFile</b> —		<a href="#">File</a>
<b>path</b> —		string
<b>totalSpace</b> —		integer (int64)
<b>usableSpace</b> —		integer (int64)

## GobiiDataSetExtract

Name	Description	Schema
<b>accolate</b> —	Default : <b>false</b>	boolean
<b>dataSet</b> —		<a href="#">PropNameId</a>
<b>extractDestinationDirectory</b> —		string
<b>extractedFiles</b> —		< <a href="#">File</a> > array
<b>gobiiDatasetType</b> —		<a href="#">PropNameId</a>

Name	Description	Schema
<b>gobiiExtractFilterType</b> —		enum (UNKNOWN, WHOLE_DATASET, BY_MARKER, BY_SAMPLE)
<b>gobiiFileType</b> —		enum (HAPMAP, FLAPJACK, GENERIC, VCF, META_DATA)
<b>gobiiJobStatus</b> —		enum (CV_PROGRESSTAT US_PENDING, CV_PROGRESSTATU S_INPROGRESS, CV_PROGRESSTATU S_COMPLETED, CV_PROGRESSTATU S_FAILED, CV_PROGRESSTATU S_VALIDATION, CV_PROGRESSTATU S_DIGEST, CV_PROGRESSTATU S_TRANSFORMATIO N, CV_PROGRESSTATU S_METADATALOAD, CV_PROGRESSTATU S_MATRIXLOAD, CV_PROGRESSTATU S_ABORTED, CV_PROGRESSTATU S_METADATAEXTRA CT, CV_PROGRESSTATU S_FINALASSEMBLY, CV_PROGRESSTATU S_QCPROCESSING, CV_PROGRESSTATU S_NOSTATUS)
<b>gobiiSampleListType</b> —		enum (GERMPLASM_NAM E, EXTERNAL_CODE, DNA_SAMPLE)
<b>listFileName</b> —		string
<b>logMessage</b> —		string

Name	Description	Schema
<b>markerGroups</b> —		< <a href="#">PropNameId</a> > array
<b>markerList</b> —		< string > array
<b>platforms</b> —		< <a href="#">PropNameId</a> > array
<b>principleInvestigator</b> —		<a href="#">PropNameId</a>
<b>project</b> —		<a href="#">PropNameId</a>
<b>sampleList</b> —		< string > array

## GobiiExtractorInstruction

Name	Description	Schema
<b>contactEmail</b> —		string
<b>contactId</b> —		integer (int32)
<b>dataSetExtracts</b> —		< <a href="#">GobiiDataSetExtract</a> > array
<b>gobiiCropType</b> —		string
<b>mapsetIds</b> —		< integer (int32) > array
<b>qcCheck</b> —	Default : <b>false</b>	boolean

## GobiiFile

Name	Description	Schema
<b>createSource</b> —	Default : <b>false</b>	boolean
<b>delimiter</b> —		string
<b>destination</b> —		string

Name	Description	Schema
<b>gobiiFileType</b> —		enum (HAPMAP, FLAPJACK, GENERIC, VCF, META_DATA)
<b>requireDirectoriesToExist</b> —	Default : <b>false</b>	boolean
<b>source</b> —		string

## GobiiFileColumn

Name	Description	Schema
<b>constantValue</b> —		string
<b>dataSetOrientationType</b> —		enum (SAMPLE_FAST, MARKER_FAST)
<b>dataSetType</b> —		enum (NUCLEOTIDE_2_LETTER, IUPAC, SSR_ALLELE_SIZE, DOMINANT_NON_NUCLEOTIDE, CO_DOMINANT_NON_NUCLEOTIDE, VCF)
<b>filterFrom</b> —		string
<b>filterTo</b> —		string
<b>findText</b> —		string
<b>getcCoord</b> —		integer (int32)
<b>getrCoord</b> —		integer (int32)

Name	Description	Schema
<b>gobiiColumnType</b> —		enum (CSV_COLUMN, CSV_ROW, CSV_BOTH, VCF_SAMPLE, VCF_MARKER, VCF_VARIANT, VCF_METADATA, VCF_INFO, CONSTANT, AUTOINCREMENT, VCF_MARKER_POS)
<b>index</b> —		string
<b>metaDataId</b> —		string
<b>name</b> —		string
<b>replaceText</b> —		string
<b>subcolumn</b> —	Default : <b>false</b>	boolean
<b>subcolumnDelimiter</b> —		string

## GobiiLoaderInstruction

Name	Description	Schema
<b>columnsByTableName</b> —		< string, < <a href="#">GobiiFileColumn</a> > array > map
<b>contactEmail</b> —		string
<b>contactId</b> —		integer (int32)
<b>dataSet</b> —		<a href="#">PropNameId</a>
<b>dataSetId</b> —		integer (int32)
<b>datasetType</b> —		<a href="#">PropNameId</a>
<b>experiment</b> —		<a href="#">PropNameId</a>

Name	Description	Schema
<b>gobiiCropType</b> —		string
<b>gobiiFile</b> —		<a href="#">GobiiFile</a>
<b>gobiiFileColumns</b> —		< <a href="#">GobiiFileColumn</a> > array
<b>gobiiJobStatus</b> —		enum (CV_PROGRESSTAT US_PENDING, CV_PROGRESSTATU S_INPROGRESS, CV_PROGRESSTATU S_COMPLETED, CV_PROGRESSTATU S_FAILED, CV_PROGRESSTATU S_VALIDATION, CV_PROGRESSTATU S_DIGEST, CV_PROGRESSTATU S_TRANSFORMATIO N, CV_PROGRESSTATU S_METADATALOAD, CV_PROGRESSTATU S_MATRIXLOAD, CV_PROGRESSTATU S_ABORTED, CV_PROGRESSTATU S_METADATAEXTRA CT, CV_PROGRESSTATU S_FINALASSEMBLY, CV_PROGRESSTATU S_QCPROCESSING, CV_PROGRESSTATU S_NOSTATUS)
<b>jobPayloadType</b> —		enum (CV_PAYLOADTYPE_ SAMPLES, CV_PAYLOADTYPE_ MARKERS, CV_PAYLOADTYPE_ MATRIX, CV_PAYLOADTYPE_ MARKERSAMPLES, CV_PAYLOADTYPE_ ALLMETA)



Name	Description	Schema
<b>logMessage</b> —		string
<b>mapset</b> —		<a href="#">PropNameId</a>
<b>platform</b> —		<a href="#">PropNameId</a>
<b>project</b> —		<a href="#">PropNameId</a>
<b>qcCheck</b> —	<b>Default :</b> <b>false</b>	boolean
<b>table</b> —		string
<b>vcfParameters</b> —		<a href="#">VcfParameters</a>

## Header

Name	Schema
<b>cropType</b> —	string
<b>dtoHeaderAuth</b> —	<a href="#">HeaderAuth</a>
<b>gobiiProcessType</b> —	enum (CREATE, READ, UPDATE, DELETE, NONE)
<b>gobiiVersion</b> —	string
<b>maxGet</b> —	integer (int32)
<b>maxPost</b> —	integer (int32)
<b>maxPut</b> —	integer (int32)
<b>pagination</b> —	<a href="#">Pagination</a>
<b>status</b> —	<a href="#">Status</a>

## HeaderAuth

Name	Schema
<b>gobiiCropType</b> —	string

Name	Schema
<b>password</b> —	string
<b>token</b> —	string
<b>userName</b> —	string

## HeaderStatusMessage

Name	Schema
<b>gobiiStatusLevel</b> —	enum (ERROR, VALIDATION, WARNING, INFO, OK)
<b>gobiiValidationStatusType</b> —	enum (NONE, UNKNOWN, VALIDATION_COMPOUND_UNIQUE, VALIDATION_NOT_UNIQUE, NONEXISTENT_FK_ENTITY, BAD_REQUEST, MISSING_REQUIRED_VALUE, ENTITY_DOES_NOT_EXIST, ENTITY_ALREADY_EXISTS, UNKNOWN_ENUM_VALUE, RESOURCE_LIMIT)
<b>message</b> —	string

## InputStream

Type : object

## InputStreamResource

Name	Description	Schema
<b>description</b> —		string
<b>file</b> —		<a href="#">File</a>
<b>filename</b> —		string
<b>inputStream</b> —		<a href="#">InputStream</a>
<b>open</b> —	Default : <b>false</b>	boolean
<b>readable</b> —	Default : <b>false</b>	boolean
<b>uri</b> —		string (uri)

Name	Description	Schema
<b>url</b> —		string (url)

## JobDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>datasetIds</b> —	< integer (int32) > array
<b>id</b> —	integer (int32)
<b>jobId</b> —	integer (int32)
<b>jobName</b> —	string
<b>message</b> —	string
<b>payloadType</b> —	string
<b>status</b> —	string
<b>submittedBy</b> —	integer (int32)
<b>submittedDate</b> —	string (date-time)
<b>type</b> —	string

## Link

Name	Schema
<b>description</b> —	string
<b>href</b> —	string
<b>methods</b> —	< enum (GET, POST, PUT, PATCH, DELETE, OPTIONS) > array

## LinkCollection

Name	Schema
<b>exploreLinksPerDataItem</b> —	< < <a href="#">Link</a> > array > array
<b>linksPerDataItem</b> —	< <a href="#">Link</a> > array

## LoaderFilePreviewDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>directoryName</b> —	string
<b>fileList</b> —	< string > array
<b>filePreview</b> —	< < string > array > array
<b>id</b> —	integer (int32)
<b>previewFileName</b> —	string

## LoaderInstructionFilesDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>gobiiLoaderInstructions</b> —	< <a href="#">GobiiLoaderInstruction</a> > array
<b>id</b> —	integer (int32)
<b>instructionFileName</b> —	string

## ManifestDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>code</b> —	string
<b>createdBy</b> —	integer (int32)

Name	Schema
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>filePath</b> —	string
<b>id</b> —	integer (int32)
<b>manifestId</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string

## MapsetDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>code</b> —	string
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>description</b> —	string
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)

Name	Schema
<b>mapType</b> —	integer (int32)
<b>mapsetId</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string
<b>properties</b> —	< <a href="#">EntityPropertyDTO</a> > array
<b>referenceId</b> —	integer (int32)
<b>statusId</b> —	integer (int32)

## MarkerDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>alts</b> —	< integer (int32) > array
<b>code</b> —	string
<b>id</b> —	integer (int32)
<b>markerId</b> —	integer (int32)
<b>markerName</b> —	string
<b>platformId</b> —	integer (int32)
<b>platformName</b> —	string
<b>ref</b> —	string
<b>referenceId</b> —	integer (int32)
<b>sequence</b> —	string

Name	Schema
<b>status</b> —	integer (int32)
<b>strand</b> —	integer (int32)
<b>strandId</b> —	integer (int32)
<b>variantId</b> —	integer (int32)

## MarkerGroupDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>code</b> —	string
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>germplasmGroup</b> —	string
<b>id</b> —	integer (int32)
<b>markerGroupId</b> —	integer (int32)
<b>markerMap</b> —	< string, < string > array > map
<b>markers</b> —	< <a href="#">MarkerGroupMarkerDTO</a> > array
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string

Name	Schema
<b>statusId</b> —	integer (int32)

## MarkerGroupMarkerDTO

Name	Description	Schema
<b>favorableAllele</b> —		string
<b>gobiiProcessType</b> —		enum (CREATE, READ, UPDATE, DELETE, NONE)
<b>markerExists</b> —	Default : <b>false</b>	boolean
<b>markerId</b> —		integer (int32)
<b>markerName</b> —		string
<b>platformId</b> —		integer (int32)
<b>platformName</b> —		string

## NameIdDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>entityLasetModified</b> —	string (date-time)
<b>fkId</b> —	integer (int32)
<b>gobiiEntityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)



Name	Schema
<b>gobiiFkEntityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)
<b>name</b> —	string
<b>queryObject</b> —	object

## OrganizationDTO

Name	Schema
<b>address</b> —	string
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string
<b>organizationId</b> —	integer (int32)
<b>statusId</b> —	integer (int32)

Name	Schema
<b>vendorProtocols</b> —	< <a href="#">VendorProtocolDTO</a> > array
<b>website</b> —	string

## Pagination

Name	Schema
<b>currentPage</b> —	integer (int32)
<b>pageSize</b> —	integer (int32)
<b>pagedQueryId</b> —	string
<b>queryTime</b> —	string (date-time)
<b>totalPages</b> —	integer (int32)

## PayloadAnalysisDTO

Name	Schema
<b>data</b> —	< <a href="#">AnalysisDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadConfigSettingsDTO

Name	Schema
<b>data</b> —	< <a href="#">ConfigSettingsDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadContactDTO

Name	Schema
<b>data</b> —	< <a href="#">ContactDTO</a> > array

Name	Schema
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadCvDTO

Name	Schema
<b>data</b> —	< <a href="#">CvDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadCvGroupDTO

Name	Schema
<b>data</b> —	< <a href="#">CvGroupDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadDataSetDTO

Name	Schema
<b>data</b> —	< <a href="#">DataSetDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadDisplayDTO

Name	Schema
<b>data</b> —	< <a href="#">DisplayDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadDnaSampleDTO

Name	Schema
<b>data</b> —	< <a href="#">DnaSampleDTO</a> > array

Name	Schema
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadEntityStatsDTO

Name	Schema
<b>data</b> —	< <a href="#">EntityStatsDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadEnvelopeAnalysisDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadAnalysisDTO</a>

## PayloadEnvelopeConfigSettingsDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadConfigSettingsDTO</a>

## PayloadEnvelopeContactDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadContactDTO</a>

## PayloadEnvelopeCvDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>

Name	Schema
<b>payload</b> —	<a href="#">PayloadCvDTO</a>

## PayloadEnvelopeCvGroupDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadCvGroupDTO</a>

## PayloadEnvelopeDataSetDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadDataSetDTO</a>

## PayloadEnvelopeDisplayDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadDisplayDTO</a>

## PayloadEnvelopeDnaSampleDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadDnaSampleDTO</a>

## PayloadEnvelopeEntityStatsDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>

Name	Schema
payload —	<a href="#">PayloadEntityStatsDTO</a>

## PayloadEnvelopeExperimentDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadExperimentDTO</a>

## PayloadEnvelopeExtractorInstructionFilesDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadExtractorInstructionFilesDTO</a>

## PayloadEnvelopeJobDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadJobDTO</a>

## PayloadEnvelopeLoaderFilePreviewDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadLoaderFilePreviewDTO</a>

## PayloadEnvelopeLoaderInstructionFilesDTO

Name	Schema
header —	<a href="#">Header</a>

Name	Schema
<b>payload</b> —	<a href="#">PayloadLoaderInstructionFilesDTO</a>

## PayloadEnvelopeManifestDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadManifestDTO</a>

## PayloadEnvelopeMapsetDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadMapsetDTO</a>

## PayloadEnvelopeMarkerDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadMarkerDTO</a>

## PayloadEnvelopeMarkerGroupDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadMarkerGroupDTO</a>

## PayloadEnvelopeNameIdDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>

Name	Schema
payload —	<a href="#">PayloadNameIdDTO</a>

## PayloadEnvelopeOrganizationDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadOrganizationDTO</a>

## PayloadEnvelopePlatformDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadPlatformDTO</a>

## PayloadEnvelopeProjectDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadProjectDTO</a>

## PayloadEnvelopeProtocolDTO

Name	Schema
header —	<a href="#">Header</a>
payload —	<a href="#">PayloadProtocolDTO</a>

## PayloadEnvelopeReferenceDTO

Name	Schema
header —	<a href="#">Header</a>



Name	Schema
<b>payload</b> —	<a href="#">PayloadReferenceDTO</a>

## PayloadEnvelopeRestProfileDTO

Name	Schema
<b>header</b> —	<a href="#">Header</a>
<b>payload</b> —	<a href="#">PayloadRestProfileDTO</a>

## PayloadExperimentDTO

Name	Schema
<b>data</b> —	< <a href="#">ExperimentDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadExtractorInstructionFilesDTO

Name	Schema
<b>data</b> —	< <a href="#">ExtractorInstructionFilesDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadJobDTO

Name	Schema
<b>data</b> —	< <a href="#">JobDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadLoaderFilePreviewDTO

Name	Schema
<b>data</b> —	< <a href="#">LoaderFilePreviewDTO</a> > array

Name	Schema
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadLoaderInstructionFilesDTO

Name	Schema
<b>data</b> —	< <a href="#">LoaderInstructionFilesDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadManifestDTO

Name	Schema
<b>data</b> —	< <a href="#">ManifestDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadMapsetDTO

Name	Schema
<b>data</b> —	< <a href="#">MapsetDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadMarkerDTO

Name	Schema
<b>data</b> —	< <a href="#">MarkerDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadMarkerGroupDTO

Name	Schema
<b>data</b> —	< <a href="#">MarkerGroupDTO</a> > array

Name	Schema
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadNameIdDTO

Name	Schema
<b>data</b> —	< <a href="#">NameIdDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadOrganizationDTO

Name	Schema
<b>data</b> —	< <a href="#">OrganizationDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadPlatformDTO

Name	Schema
<b>data</b> —	< <a href="#">PlatformDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadProjectDTO

Name	Schema
<b>data</b> —	< <a href="#">ProjectDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadProtocolDTO

Name	Schema
<b>data</b> —	< <a href="#">ProtocolDTO</a> > array

Name	Schema
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadReferenceDTO

Name	Schema
<b>data</b> —	< <a href="#">ReferenceDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PayloadRestProfileDTO

Name	Schema
<b>data</b> —	< <a href="#">RestProfileDTO</a> > array
<b>linkCollection</b> —	<a href="#">LinkCollection</a>

## PlatformDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>platformCode</b> —	string

Name	Schema
<b>platformDescription</b> —	string
<b>platformId</b> —	integer (int32)
<b>platformName</b> —	string
<b>properties</b> —	< <a href="#">EntityPropertyDTO</a> > array
<b>statusId</b> —	integer (int32)
<b>typeId</b> —	integer (int32)

## ProjectDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>piContact</b> —	integer (int32)
<b>principleInvestigators</b> —	< string, string > map
<b>projectCode</b> —	string
<b>projectDescription</b> —	string

Name	Schema
<b>projectId</b> —	integer (int32)
<b>projectName</b> —	string
<b>projectStatus</b> —	integer (int32)
<b>properties</b> —	< <a href="#">EntityPropertyDTO</a> > array

## PropNameId

Name	Schema
<b>id</b> —	integer (int32)
<b>name</b> —	string

## ProtocolDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>description</b> —	string
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>id</b> —	integer (int32)
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string

Name	Schema
<b>platformId</b> —	integer (int32)
<b>props</b> —	< <a href="#">EntityPropertyDTO</a> > array
<b>protocolId</b> —	integer (int32)
<b>status</b> —	integer (int32)
<b>typeId</b> —	integer (int32)
<b>vendorProtocols</b> —	< <a href="#">VendorProtocolDTO</a> > array

## ReferenceDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>createdBy</b> —	integer (int32)
<b>createdDate</b> —	string (date-time)
<b>entityNameType</b> —	enum (UNKNOWN, ANALYSIS, CONTACT, DATASET, CV, CVGROUP, PROJECT, ORGANIZATION, PLATFORM, MANIFEST, MAPSET, MARKER_GROUP, EXPERIMENT, REFERENCE, ROLE, DISPLAY, MARKER, PROTOCOL, VENDOR_PROTOCOL, DNASAMPLE, LINKAGE_GROUP, DNARUN, GERMPLASM, JOB)
<b>filePath</b> —	string
<b>id</b> —	integer (int32)
<b>link</b> —	string
<b>modifiedBy</b> —	integer (int32)
<b>modifiedDate</b> —	string (date-time)
<b>name</b> —	string
<b>referenceId</b> —	integer (int32)

Name	Schema
<b>version</b> —	string

## RestProfileDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>id</b> —	integer (int32)
<b>max</b> —	integer (int32)
<b>restMethodType</b> —	enum (GET, POST, PUT, PATCH, DELETE, OPTIONS)
<b>restResourceId</b> —	enum (GOBII_AUTH, GOBII_PING, GOBII_PROJECTS, GOBII_NAME_ID_LIST_DEPRECATED, GOBII_NAMES, GOBII_FILE_LOAD, GOBII_FILE_LOAD_INSTRUCTIONS, GOBII_FILE_EXTRACTOR_INSTRUCTIONS, GOBII_FILE_EXTRACTOR_JOBS, GOBII_FILE_LOADER_JOBS, GOBII_DISPLAY, GOBII_CV, GOBII_CVGROUP, GOBII_CONTACTS, GOBII_CONTACT_SEARCH, GOBII_ORGANIZATION_SEARCH, GOBII_REFERENCE, GOBII_EXPERIMENTS, GOBII_DATASETS, GOBII_DATASETTYPES, GOBII_ANALYSIS, GOBII_MARKERGROUP, GOBII_MANIFEST, GOBII_ORGANIZATION, GOBII_PLATFORM, GOBII_MAPSET, GOBII_CONFIGSETTINGS, GOBII_ROLES, GOBII_MARKERS, GOBII_MARKER_SEARCH, GOBII_CALLS, GOBII_GERMPLASM, GOBII_OBSERVATION_VARIABLES, GOBII_PROTOCOL, GOBII_VENDORS, GOBII_FILES, GOBII_JOB, GOBII_ENTITIES, GOBII_COUNT, GOBII_LAST_MODIFIED, GOBII_VERTICES, GOBII_VALUES, GOBII_REST_PROFILES, GOBII_DNASAMPLES, GOBII_DNARUN, GOBII_LINKAGEGROUP, GOBII_JOB_DNASAMPLE, BRAPI_ALLELE_MATRIX_SEARCH, BRAPI_ALLELE_MATRIX_SEARCH_STATUS, BRAPI_ALLELE_MATRICES, KDC_START, KDC_STATUS, KDC_DOWNLOAD, KDC_PURGE, BRAPI_LOGIN, BRAPI_STUDIES_SEARCH, BRAPI_STUDIES, BRAPI_CALLS)
<b>templateParameter</b> —	string



## ServerConfigItem

Name	Schema
<b>confidentialityNotice</b> —	string
<b>contextRoot</b> —	string
<b>domain</b> —	string
<b>fileLocations</b> —	< string, string > map
<b>gobiiCropType</b> —	string
<b>port</b> —	integer (int32)

## Status

Name	Description	Schema
<b>statusMessages</b> —		< <a href="#">HeaderStatusMessage</a> > array
<b>statusMessagesByCode</b> —		< string, string > map
<b>succeeded</b> —	Default : <b>false</b>	boolean

## TableColDisplay

Name	Schema
<b>columnName</b> —	string
<b>displayId</b> —	integer (int32)
<b>displayName</b> —	string
<b>rank</b> —	integer (int32)

## VcfParameters

Name	Description	Schema
<b>maf</b> —		number (float)
<b>minDp</b> —		number (float)
<b>minQ</b> —		number (float)
<b>removeIndels</b> —	Default : <b>false</b>	boolean
<b>toIupac</b> —	Default : <b>false</b>	boolean

## VendorProtocolDTO

Name	Schema
<b>allowedProcessTypes</b> —	< enum (CREATE, READ, UPDATE, DELETE, NONE) > array
<b>id</b> —	integer (int32)
<b>name</b> —	string
<b>organizationId</b> —	integer (int32)
<b>protocolId</b> —	integer (int32)
<b>status</b> —	integer (int32)
<b>vendorProtocolId</b> —	integer (int32)