150 lines (140 sloc)   9 KB

Study Details [/brapi/v1/studies/{studyDbId}]

Scope: PHENOTYPING. Status: ACCEPTED. Implemented by: Germinate, GnpIS

Notes: an additionalInfo field was added to provide a controlled vocabulary for less common data fields.

Retrieve the information of the study required for field data collection

More linked data:

- observation variables: `/brapi/v1/studies/{studyDbId}/observationVariables`
- germplasm: `/brapi/v1/studies/{studyDbId}/germplasm`
- observation units: `/brapi/v1/studies/{studyDbId}/observationUnits`
- layout: `brapi/v1/studies/{studyDbId}/layout`

Response data types

Variable	Datatype	Description	Required
studyDbId	string	string database identifier	Y
studyName	string	Human readable name	Y
studyType	string	Human readable type, must be listed in studyType call	
studyDescription	string	Free text descritpion, can include some tracability	
seasons	array of string	list of seasons the trials is running	
trialDbId	string	Study trial database identifier	
trialName	string	Study trial name	
trialDbIds	array of string	Study trials database identifier (V1 non breaking change, trialDbId should be empty if this one is used)	
startDate	string	Study start date (format YYYY-MM-DD)	
endDate	string	Study end date (format YYYY-MM-DD)	
active	boolean	Study active status (true/false)	
license	string	License for data use. If using a known license like CC-BY, use the URI (https://creativecommons.org/licenses/by/4.0/)	
location	object	Study location metadata object	Y
location.locationDbId	string	Study location database identifier	Y
location.name	string	Study location name	Y
location.abbreviation	string	Study location abbreviation	
location.countryCode	string	Study location ISO-3166 country code (ex: US, FR, etc.)	
location.countryName	string	Study location country	
location.instituteName	string	Study location institute/laboratory name	

Variable	Datatype	Description	Required
deprecated location.instituteAdress	string	**Use location.instituteAddress**	
location.instituteAddress	string	Study location institute/laboratory address	
location.latitude	number	Study location latitude	
location.longitude	number	Study location longitude	
location.altitude	number	Study location altitude in meters	
location.additionalInfo	object	Additional arbitrary info on the study location	
contacts	array of object	List of study contacts	
contacts.contactDbId	string	Study contact database identifier	
contacts.name	string	Study contact name	
contacts.instituteName	string	Study contact institute name	
contacts.email	string	Study contact email	
contacts.type	string	Study contact type (ex: Coordinator, Scientist, etc.)	
contacts.orcid	string	Study contact orcid identifier (http://orcid.org)	
dataLinks	array of object	List of data links the study	
dataLinks.type	string	Data link type	
dataLinks.name	string	Data link name	
dataLinks.url	string	Data link url	
lastUpdate	object	last lastUpdate	
lastUpdate.version	string	last version	
lastUpdate.timestamp	string	timestamp of the last version ("2017-06-17T11:03:38-0800" (date, time, timezone))	
additionalInfo	object	Additional arbitrary info on the study, like objectives or publications	
additionalInfo.publications	array of string	Additional info for publications	

Retrieve study details [GET /brapi/v1/studies/{studyDbId}]

- Parameters

    - studyDbId (required, string, `1`) ... Identifier of the study. Usually a number, could be alphanumeric.

- Response 200 (application/json)

```
{
    "metadata": {
        "pagination" : {
            "pageSize":0,
            "currentPage":0,
            "totalCount":0,
            "totalPages":0
        },
        "status": [],
        "datafiles": []
    },
    "result": {
        "studyDbId": 35,
        "studyName": "Earlygenerationtesting",
        "studyType": "Yield study",
        "studyDescription": "some free text description that could include scientific goal, some
```

```
tracability and whatever makes sense"
            "seasons": [
                "2005 Winter",
                "2008 Summer"
            ],
            "trialDbId": 57,
            "trialName": "International Yield Trial",
            "startDate": "2005-06-01",
            "endDate": "2008-12-31",
            "active": "true",
            "license": "https://creativecommons.org/licenses/by/4.0",
            "location": {
                "locationDbId": 1,
                "name": "Ibadan",
                "abbreviation": "IB",
                "countryCode": "NGA",
                "countryName": "Nigeria",
                "instituteName"; "INRA - GDEC",
                "instituteAddress"; "route foo, Clermont Ferrand, France",
                "latitude": -21.5,
                "longitude": 165.5,
                "altitude": 12,
                "additionalInfo": {
                    "AnnualMeanRain": "value",
                    "SoilDescription": "23",
                    "property1Name": "property1Value",
                    "property2Name": "property2Value"
                }
            },
            "contacts": [
                {
                    "contactDbId": "C025",
                    "name": "John Doe",
                    "instituteName":"IRRI",
                    "email": "j.doe@mail.com",
                    "type": "Scientist",
                    "orcid": "0000-0002-0607-8728"
                }, {
                    "contactDbId": "C026",
                    "name": "Dave Peters",
                    "instituteName":"IRRI",
                    "email": null,
                    "type": null,
                    "orcid": null
                }
            ],
            "dataLinks": [
                {
                    "type": "Image archive",
                    "name": "image-archive12.zip",
                    "url": "http://data.inra.fr/archive/multi-spect-flowering.zip"
                }
            ],
            "lastUpdate": {
                "version": "1.1",
                "timestamp": "2015-06-16T00:53:26Z"
            },
            "additionalInfo": {
                "studyObjective": "Increase yield",
                "principalInvestigator": "Dr. Breeder",
                "property1Name": "property1Value",
                "property2Name": "property2Value",
                "publications": ["pmid:24039865287545"]
            }
        }
    }
```