BrapiCoordinatorSelby add documentation around search calls — Latest commit `4be51f7` 21 days ago

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README.md	enforced ISO 8601 data format	a month ago
VariableDataTypeList.md	cleaned parameter list documentation for every call	28 days ago
VariableDetails.md	cleaned parameter list documentation for every call	28 days ago
VariableList.md	cleaned parameter list documentation for every call	28 days ago
VariableOntologyList.md	cleaned parameter list documentation for every call	28 days ago
VariableSearch.md	add documentation around search calls	21 days ago

README.md

Group Observation Variables

Implemented by: GnpIS

API to retrieve list and details of observation variables. An observation variable is composed by the unique combination of one Trait, one Method and one Scale.

Observation variable data response

`required` means the key has to be provided, but the value may be null.

Variable	Required	Type	Description
observationVariableDbId	Y	string	Variable unique identifier
name	Y	string	Variable name (usually a short name)
ontologyDbId	Y	string	Variable ontology unique identifier
ontologyName	Y	string	Variable ontology name (usually a short name)
synonyms		array of string	Other variable names
contextOfUse		array of string	Indication of how trait is routinely used. (examples: ["Trial evaluation", "Nursery evaluation"])
growthStage		string	Growth stage at which measurement is made (examples: "flowering")
status		string	Variable status. (examples: "recommended", "obsolete", "legacy", etc.)
xref		string	Cross reference of the variable term to a term from an external ontology or to a database of a major system.
institution		string	Name of institution submitting the variable
scientist		string	Name of scientist submitting the variable.
date		string	Date of submission of the variable (ISO 8601).
language		string	2 letter ISO code for the language of submission of the variable.
crop		string	Crop name (examples: "Maize", "Wheat")

Variable	Required	Type	Description
trait	Y	object	Trait metadata
trait.traitDbId	Y	string	Trait unique identifier
trait.name	Y	string	Trait name (usually a short name)
trait.class		string	Trait class. (examples: "morphological trait", "phenological trait", "agronomical trait", "physiological trait", "abiotic stress trait", "biotic stress trait", "biochemical trait", "quality traits trait", "fertility trait", etc.)
trait.description		string	Trait description.
trait.synonyms		array of string	Other trait names
trait.mainAbbreviation		string	Main abbreviation for trait name. (examples: "Carotenoid content" => "CC")
trait.alternativeAbbreviations		array of string	Other frequent abbreviations of the trait, if any. These abbreviations do not have to follow a convention. If several aternative abbreviations, separate with commas.
trait.entity		string	A trait can be decomposed as "Trait" = "Entity" + "Attribute", the entity is the part of the plant that the trait refers to e.g., for "grain colour", entity = "grain"
trait.attribute		string	A trait can be decomposed as "Trait" = "Entity" + "Attribute", the attribute is the observed feature (or characteristic) of the entity e.g., for "grain colour", attribute = "colour"
trait.status		string	Trait status (examples: "recommended", "obsolete", "legacy", etc.)
trait.xref		string	Cross reference of the trait to an external ontology or database term e.g., Xref to a trait ontology (TO) term
method	Y	object	Method metadata
method.methodDbId		string	Method unique identifier
method.name		string	Method name (usually a short name)
method.class		string	Method class (examples: "Measurement", "Counting", "Estimation", "Computation", etc.
method.description		string	Method description.
method.formula		string	For computational methods i.e., when the method consists in assessing the trait by computing measurements, write the generic formula used for the calculation
method.reference		string	Bibliographical reference describing the method.
scale	Y	object	Scale metadata
scale.scaleDbId		string	Unique identifier of the scale. If left blank, the upload system will automatically generate a scale ID.
scale.name		string	Name of the scale
scale.class		string	Class of the scale, entries can be "Numerical", "Nominal", "Ordinal", "Text", "Code", "Time", "Duration"
scale.decimalPlaces		numeric	For numerical, number of decimal places to be reported
scale.xref		string	Cross reference to the scale, for example to a unit ontology such as UO or to a unit of an external major database
scale.validValues.min		numeric	Minimum value (used for data capture control) for numerical and date scales

Variable	Required	Type	Description
scale.validValues.max		numeric	Maximum value (used for field data capture control).
scale.validValues.categories		array of string	List of possible values and their meaning (examples: ["0=low", "1=medium", "2=high"]
defaultValue	Y	string	Variable default value. (examples: "red", "2.3", etc.)

Ontology data response

`required` means the key has to be provided, but the value may be null.

Variable	Required	Type	Description
ontologyDbId	Y	string	Ontology database unique identifier
ontologyName	Y	string	Ontology name
authors		string	Ontology's list of authors (no specific format)
version		string	Ontology version (no specific format)
copyright		string	Ontology copyright
licence		string	Ontology licence