

Add Item

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS



ADD AN ELEMENT



TASK: FIELD CLASS SELECTION

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE

Search for a class in multiple ontologies

Search



NAMING CONVENTIONS:

- CLASS, ONTOLOGY CLASS = term, concept
- ONTOLOGY = term library
- VALUE SET = term set

Field: Makes it possible to select classes to represent the field "study type" itself.  
Values: Select classes for the possible runtime values.

Add Item

TASK: FIELD CLASS SELECTION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE

Enter Option

Click choice to set as default

+ ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE

Search for a class in multiple ontologies

study type



Class	Ontology
study type	Plant Environmental Conditions (PECO)
study type	Plant Experimental Assay Ontology (PEAO)
Study type	Clinical Trials Ontology (CTO)
Study Design	EDDA Study Designs and Publications (EDDA)
Non clinical Study Type	Sage Bionetworks Synapse Ontology (SYN)
...	...



Add Item

TASK: FIELD CLASS SELECTION

a TEXT

1 PARAGRAPH

⦿ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

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BROWSE

CREATE

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Study type	Clinical Trials Ontology (CTO)
Study Design	EDDA Study Designs and Publications (EDDA)
Non clinical Study Type	Sage Bionetworks Synapse Ontology (SYN)
...	...

ONTOLOGY TREE

CLASS DETAILS

ONTOLOGY DETAILS

plant treatment
ProteinFragment
ProteinModification
study type
field study
green house study
growth chamber study
laboratory study
unknown study type
DevelopmentalStage



SELECT CLASS



Add Item

TASK: FIELD CLASS SELECTION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER

⊙ MULTIPLE CHOICE



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

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BROWSE

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study type



Class	Ontology
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study type	Plant Experimental Assay Ontology (PEAO)
Study type	Clinical Trials Ontology (CTO)
Study Design	EDDA Study Designs and Publications (EDDA)
Non clinical Study Type	Sage Bionetworks Synapse Ontology (SYN)
...	...

ONTOLOGY TREE

CLASS DETAILS

ONTOLOGY DETAILS

Pref. Name	study type
ID	http://purl.obolibrary.org/obo/EO_0007231
Definition	A plant experimental condition (EO:0007359) or set of conditions describing what kind of plant growth facility was used for the experiment.
...	...



SELECT CLASS



Add Item

TASK: FIELD CLASS SELECTION

a TEXT

1 PARAGRAPH

⦿ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER

⦿ MULTIPLE CHOICE



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE

Search for a class in multiple ontologies

study type



Class	Ontology
study type	Plant Environmental Conditions (PECO)
study type	Plant Experimental Assay Ontology (PEAO)
Study type	Clinical Trials Ontology (CTO)
Study Design	EDDA Study Designs and Publications (EDDA)
Non clinical Study Type	Sage Bionetworks Synapse Ontology (SYN)
...	...

ONTOLOGY TREE

CLASS DETAILS

ONTOLOGY DETAILS

Name	Plant Experimental Assay Ontology
Acronym	PEAO
BioPortal purl	<a href="http://purl.bioontology.org/ontology/PEAO">http://purl.bioontology.org/ontology/PEAO</a>
No. classes	113,531
Description	The Plant domain has been the subject of several attempts to structure and formally define terms and corresponding relations, such as their anatomical features, developmental stages, and the application of particular experimental procedures to a biological problem. However, a focus on experimental assays in order to



SELECT CLASS



Add Item

TASK: FIELD CLASS SELECTION

a TEXT

1 PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS ✓

ADD AN ELEMENT ✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE

●

Enter Option

Click choice to set as default

⊕ ADD ANOTHER



☐

Required

☐

Advanced



FIELD

VALUES

Class

Ontology

study type

Plant Experimental Assay Ontology (PEAO)



SEARCH

BROWSE

CREATE

Search for a class in multiple ontologies

Search



Difference between Search and Browse:

Search: the user knows the name of the class that he/she is looking for.

Browse: the user would like to explore all ontologies interactively to find an appropriate class

Add Item

TASK: FIELD CLASS SELECTION

a TEXT

1 PARAGRAPH

⦿ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Class

Ontology

study type

Plant Experimental Assay Ontology (PEAO)



SEARCH

BROWSE

CREATE

Browse the library of ontologies

Search



Ontology

Categories

No. classes

Current Procedural Terminology (CPT)

Health

13,083

RxNORM (RxNORM)

Health

119,273

Systematized Nomenclature of Medicine - Clinical Terms (SNOMEDCT)

Health

303,035

Medical Dictionary for Regulatory Activities (MEDDRA)

Health

65,934

Human Phenotype Ontology (HPO)

Human, Phenotype

11,220

...

...

...

This search field is to search for ontologies by name

Add Item

TASK: FIELD CLASS SELECTION

- a

TEXT
- 1

PARAGRAPH
- ⦿

MULTIPLE CHOICE
- ☑

CHECKBOX
- 📅

DATE

MORE ITEMS ✓

ADD AN ELEMENT ✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

☒ MULTIPLE CHOICE

☐ Enter Option

Click choice to set as default

☒ ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Class	Ontology	
study type	Plant Experimental Assay Ontology (PEAO)	<div><div>i</div><div>📄</div><div>✕</div></div>

SEARCH

BROWSE

CREATE

Browse the library of ontologies

Search



Ontology	Categories	No. classes
Current Procedural Terminology (CPT)	Health	13,083
RxNORM (RxNORM)	Health	119,273
Systematized Nomenclature of Medicine - Clinical Terms (SNOMEDCT)	Health	303,035
Medical Dictionary for Regulatory Activities (MEDDRA)	Health	65,934
Human Phenotype Ontology (HPO)	Human, Phenotype	11,220
...	...	...

ONTOLOGY TREE

CLASS DETAILS

ONTOLOGY DETAILS

- +

Blood and lymphatic system disorders
- +

Cardiac disorders
- +

Congenital, familial and genetic disorders
- +

Ear and labyrinth disorders
- +

Endocrine disorders
- +

Eye disorders
- +

Gastrointestinal disorders
- +

General disorders and administration site conditions
- +

Hepatobiliary disorders

☒ SELECT CLASS



Class details and ontology details would have the same functionality as before



Add Item

TASK: FIELD CLASS CREATION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE

● Enter Option

Click choice to set as default

⊕ ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE

Please, provide the following information for the class you want to create

URI



Name\*



Description\*



☐ Map to existing classes ?

⊕ CREATE CLASS



Add Item

TASK: FIELD CLASS CREATION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE

Please, provide the following information for the class you want to create

http://metadatacenter.org/schemas/StudyType



Study type



Nature of the investigation



Map to existing classes ?



MAPPINGS TO EXISTING CLASSES

Use the options below to add mappings here

SEARCH

BROWSE

Search for a class in multiple ontologies

Search



CREATE CLASS



We use Search or Browse to find classes we want to map to

Add Item

TASK: FIELD CLASS CREATION

a

TEXT

1

PARAGRAPH

0

MULTIPLE CHOICE

checkbox

CHECKBOX

calendar

DATE

MORE ITEMS

checkmark

ADD AN ELEMENT

checkmark

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

☐

Enter Option

Click choice to set as default

+

 ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE CLASS

Please, provide the following information for the class you want to create

http://metadatacenter.org/schemas/StudyType

checkmark

Study type

checkmark

Nature of the investigation

checkmark

☒ Map to existing classes 

?

MAPPINGS TO EXISTING CLASSES

Use the options below to add mappings here

SEARCH

BROWSE

Search for a class in multiple ontologies

study



Class	Ontology
Study	Systematized Nomenclature of Medicine (SNOMEDCT)
Study	Logical Observation Identifier Names and Codes (LOINC)
Study	Clinical Trials Ontology (CTO)
Study	EDDA Study Designs and Publications (EDDA)
Study	Sage Bionetworks Synapse Ontology (SYN)
...	...

ONTOLOGY TREE

CLASS DETAILS

ONTOLOGY DETAILS

+

plant treatment

...

+

ProteinFragment

...

+

ProteinModification

...

+

study type

...

field study

...

green house study

...

growth chamber study

...

laboratory study

...

unknown study type

...

DevelopmentalStage

CREATE MAPPING

Study type

Select a mapping type...

checkmark

equivalent to

subclass of

superclass of

more specific than

more general than

related to

Study (LOINC)

+

 CREATE MAPPING

+

 CREATE CLASS



When we find the class we want to map to, we can then describe the relationship

Add Item

TASK: FIELD CLASS CREATION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS ✓

ADD AN ELEMENT ✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add ontology classes here

SEARCH

BROWSE

CREATE CLASS

Please, provide the following information for the class you want to create

http://metadatadecenter.org/schemas/StudyType



Study type



Nature of the investigation



Map to existing classes



MAPPINGS TO EXISTING CLASSES

Mapping type	Target class	Target ontology	
subclass of	Study	LOINC	

SEARCH

BROWSE

Search for a class in multiple ontologies

Search



CREATE CLASS



This is not restricted to only one mapping. We could add multiple mappings.

Add Item

TASK: FIELD CLASS CREATION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS ✓

ADD AN ELEMENT ✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Class

Ontology

study type

CEDAR



SEARCH

BROWSE

CREATE

Please, provide the following information for the class you want to create

URI



Name\*



Description\*



Map to existing classes



CREATE CLASS



Add Item

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

TASK: FIELD VALUES SELECTION

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

Search



BioPortal ontologies



BioPortal value sets



For free-text fields (e.g. text), this "Values" option allows to restrict the possible values accepted by the field to a specific list, which could be potentially very large (e.g. thousands of classes from an ontology) Autocomplete would be used at runtime to suggest the accepted values to the user as he/she types

Value sets are not considered for the field search that we explained previously

Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

Enter Option

⦿

MULTIPLE CHOICE

Click choice to set as default

+

ADD ANOTHER



☐

Required

☐

Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study

🔍

●

Ontologies

●

Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
Observational Study	Value set class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

VALUE SET INFO

VALUE SET

Pref. Name	Observational Study
ID	http://someuniqueidentifier
Definition	In epidemiology and statistics, an observational study draws inferences about the possible effect of a treatment on subjects, where the assignment of subjects into a treated group versus a control group is outside the control of the investigator
CUI	C1518527
...	...

ADD CLASS

ADD ENTIRE VALUE SET

Observational Study

UI label

?

+

ADD CLASS

+

×

Types of results:

- Class from an ontology
- Class from a value set
- Value set

Specific options for Value set class. For example, for an ontology class we will show an "Ontology Tree" option instead of the "Value set" option.

Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

☐

Enter Option

☒ MULTIPLE CHOICE

Click choice to set as default

☒ ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
Observational Study	Value set class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

VALUE SET INFO

VALUE SET

Pref. Name	Observational Study
ID	http://someuniqueidentifier
Definition	In epidemiology and statistics, an observational study draws inferences about the possible effect of a treatment on subjects, where the assignment of subjects into a treated group versus a control group is outside the control of the investigator
CUI	C1518527
...	...

ADD CLASS

ADD ENTIRE VALUE SET

Observational Study

Observational



ADD CLASS





Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐

Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

⦿ MULTIPLE CHOICE

+

 ADD ANOTHER



☐

Required

☐

Advanced



FIELD

VALUES

Value	Type	Source	UI label	
Observational Study	Value set class	Research study types	Observational	<div><div>i</div><div>✎</div><div>✕</div></div>

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
Observational Study	Value set class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

VALUE SET INFO

VALUE SET

Pref. Name	Observational Study
ID	http://someuniqueidentifier
Definition	In epidemiology and statistics, an observational study draws inferences about the possible effect of a treatment on subjects, where the assignment of subjects into a treated group versus a control group is outside the control of the investigator
CUI	C1518527
...	...

ADD CLASS

ADD ENTIRE VALUE SET

Observational Study

Observational



ADD CLASS



Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Class	Source	Source type
Observational Study	Research study types	Value set
Observational Study	Sage Bionetworks Synapse Ontology (SYN)	Value set
observational study	Sage Bionetworks Synapse Ontology (SYN)	Value set
observational study	Semanticscience Integrated Ontology (SIO)	Ontology
Observational study	Cigarette Smoke Exposure Ontology (CSEO)	Ontology
...	...	...

CLASS DETAILS

VALUE SET INFO

VALUE SET

Longitudinal Study

Observational Study

Interventional Study

ADD CLASS

ADD ENTIRE VALUE SET

Longitudinal Study

Longitudinal



Observational Study

Observational



Interventional Study

Interventional



ADD VALUE SET



Add Item

TASK: FIELD VALUES SELECTION

a TEXT

1 PARAGRAPH

⦿ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS ✓

ADD AN ELEMENT ✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE

● Enter Option

Click choice to set as default

⊕ ADD ANOTHER

☐

Required

☐

Advanced



FIELD

VALUES

Values	Type	Source	UI label	
Longitudinal Study	Value set class	Research study types	Longitudinal	
Observational Study	Value set class	Research study types	Observational	
Interventional Study	Value set class	Research study types	Interventional	

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Class	Source	Source type
Observational Study	Research study types	Value set
Observational Study	Sage Bionetworks Synapse Ontology (SYN)	Value set
observational study	Sage Bionetworks Synapse Ontology (SYN)	Value set
observational study	Semanticscience Integrated Ontology (SIO)	Ontology
Observational study	Cigarette Smoke Exposure Ontology (CSEO)	Ontology
...	...	...



## Add Item

**a** TEXT

**¶** PARAGRAPH

**⊖** MULTIPLE CHOICE

**☑** CHECKBOX

**📅** DATE

☐ Preview Element

### ITEM CONFIGURATION

**⊖** MULTIPLE CHOICE

Enter Field Title

Study type

MORE ITEMS ✓

ADD AN ELEMENT ✓



Enter Option

Longitudinal



*Click choice to set as default*



Enter Option

Observational



Enter Option

Interventional



**The possible options would be automatically filled out from the classes selected previously**



ADD ANOTHER



☐ Required ☐ Advanced



Add Item

TASK: FIELD VALUES SELECTION

- a

TEXT
- ¶

PARAGRAPH
- ⦿

MULTIPLE CHOICE
- ☑

CHECKBOX
- 📅

DATE

- MORE ITEMS

✓
- ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

⦿ MULTIPLE CHOICE

Click choice to set as default

ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
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observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

ONTOLOGY INFO

ONTOLOGY TREE

Pref. Name	Observational Study
ID	http://someuniqueidentifier
Definition	In epidemiology and statistics, an observational study draws inferences about the possible effect of a treatment on subjects, where the assignment of subjects into a treated group versus a control group is outside the control of the investigator
CUI	C1518527
...	...

ADD CLASS

ADD SIBLINGS

ADD CHILDREN

Observational Study

UI label



ADD



Specific options for  
Ontology class

Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

⦿ MULTIPLE CHOICE

Click choice to set as default

+

 ADD ANOTHER

☐

Required

☐

Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies

Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
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observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

ONTOLOGY INFO

ONTOLOGY TREE

assay
information processing
investigation
experiment
intervention study
mass spectrometry experiment
microarray experiment
observational study
controlled observational cohort study

ADD CLASS

ADD SIBLINGS

ADD CHILDREN

Observational Study

UI label

+

 ADD



Add Item

TASK: FIELD VALUES SELECTION

- a

TEXT
- ¶

PARAGRAPH
- ⦿

MULTIPLE CHOICE
- ☑

CHECKBOX
- 📅

DATE

- MORE ITEMS

✓
- ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
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observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

ONTOLOGY INFO

ONTOLOGY TREE

assay
information processing
investigation
experiment
intervention study
mass spectrometry experiment
microarray experiment
observational study
controlled observational cohort study

ADD CLASS

ADD SIBLINGS

ADD CHILDREN

intervention study

UI label



mass spectrometry experiment

UI label



microarray experiment

UI label



observational study

UI label



ADD



Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

☐

Enter Option

⦿ MULTIPLE CHOICE

Click choice to set as default

+

 ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
Observational Study	Value set class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

ONTOLOGY INFO

ONTOLOGY TREE

assay
information processing
investigation
experiment
intervention study
mass spectrometry experiment
microarray experiment
observational study
controlled observational cohort study

ADD CLASS

ADD SIBLINGS

ADD CHILDREN

intervention study

Intervention



mass spectrometry experiment

Mass Spectrometry



microarray experiment

Microarray



observational study

Observational



ADD





Add Item

TASK: FIELD VALUES SELECTION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default

⊙ MULTIPLE CHOICE

+ ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Values	Type	Source	UI label	
intervention study	Ontology class	Semanticscience Integrated Ontology (SIO)	Intervention	
mass spectrometry experiment	Ontology class	Semanticscience Integrated Ontology (SIO)	Mass Spectrometry	
microarray experiment	Ontology class	Semanticscience Integrated Ontology (SIO)	Microarray	
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)	Observational	

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

Search



● Ontologies

● Value sets



Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐

Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

observational study



Ontologies



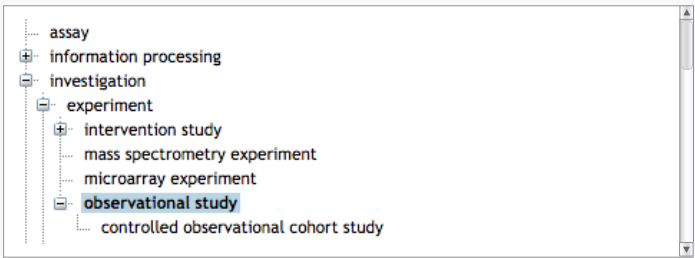
Value sets

Result	Type	Source name
Observational Study	Value set class	Research study types
Observational Study	Value set class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Sage Bionetworks Synapse Ontology (SYN)
observational study	Ontology class	Semanticscience Integrated Ontology (SIO)
Types of observational studies	Value set	Types of observational studies
...	...	...

CLASS DETAILS

ONTOLOGY INFO

ONTOLOGY TREE



ADD CLASS

ADD SIBLINGS

ADD CHILDREN

Maximum no. levels (default: 1)

controlled observational cohort study

Observational Cohort








ADD



Add Item

TASK: FIELD VALUES SELECTION


-  TEXT
-  PARAGRAPH
-  MULTIPLE CHOICE
-  CHECKBOX
-  DATE

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

 MULTIPLE CHOICE

MORE ITEMS




ADD AN ELEMENT



Enter Option

Click choice to set as default

 ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Browse BioPortal ontologies and value sets

study types



Ontologies



Value sets

Source	Type	Categories	Size
Research study types	Value set	Health	4
Types of clinical studies	Value set	Health	3
Animal research study types	Value set	Health	12
Study design types	Value set	Health	8
EDDA Study Designs and Publications (EDDA)	Ontology	Health	205
...	...	...	...



Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Browse the library of value sets

study types



Ontologies



Value sets

Source	Type	Categories	Size
Research study types	Value set	Health	4
Types of clinical studies	Value set	Health	3
Animal research study types	Value set	Health	12
Study design types	Value set	Health	8
EDDA Study Designs and Publications (EDDA)	Ontology	Health	205
...	...	...	...

VALUE SET

VALUE SET INFO

CLASS INFO

Laboratory and Animal Studies  
Case-Control Studies  
Cohort Studies  
Randomized Trials

ADD VALUE SET

ADD CLASS

Laboratory and Animal Studies

UI label



Case-Control Studies

UI label



Cohort Studies

UI label



Randomized Trials

UI label



ADD VALUE SET



Specific options for Value set

Add Item

TASK: FIELD VALUES SELECTION

a

TEXT

¶

PARAGRAPH

⦿

MULTIPLE CHOICE

☑

CHECKBOX

📅

DATE

MORE ITEMS

✓

ADD AN ELEMENT

✓

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⦿ MULTIPLE CHOICE



Enter Option

Click choice to set as default

+

 ADD ANOTHER



☐ Required ☐ Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

Browse the library of value sets

study types



● Ontologies

● Value sets

Source	Type	Categories	Size
Research study types	Value set	Health	4
Types of clinical studies	Value set	Health	3
Animal research study types	Value set	Health	12
Study design types	Value set	Health	8
EDDA Study Designs and Publications (EDDA)	Ontology	Health	205
...	...	...	...

ONTOLOGY TREE

CLASS INFO

ONTOLOGY INFO

⊕	Publication Type
⊖	Study Design
...	adaptive design
...	analytical design
...	animal study
⊕	before-after design
⊕	case series
⊕	case study
⊕	clinical trial
⊕	cohort study
...	community trial

ADD CLASS

ADD SIBLINGS

ADD CHILDREN

ADD ONTOLOGY

This option will add all the classes from the following ontology to the list of values

Ontology	Categories	No. classes
Medical Dictionary for Regulatory Activities (MEDDRA)	Health	65,934

+

 ADD



Specific options for Ontology

Add Item

TASK: FIELD VALUES SELECTION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Values	Type	Source	UI label
205 classes	Ontology	EDDA Study Designs and Publications (EDDA)	N/A



SEARCH

BROWSE

CREATE

Browse the library of value sets

Search



Ontologies



Value sets





In a real scenario it would not make sense to add this number of classes (205) to a multiple option field. This option of adding all classes in an ontology would be useful to restrict the possible values of a free text field at runtime using, for example, an autocomplete feature.


Add Item

TASK: FIELD VALUES CREATION

 TEXT

 PARAGRAPH

 MULTIPLE CHOICE

 CHECKBOX

 DATE

MORE ITEMS 


ADD AN ELEMENT 

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

 MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH


BROWSE


CREATE


CREATE CLASS

CREATE VALUE SET

Please, provide the following information for the class you want to create









Map to existing classes



CREATE CLASS



Add Item

TASK: FIELD VALUES CREATION

a TEXT

¶ PARAGRAPH

⊙ MULTIPLE CHOICE

☑ CHECKBOX

📅 DATE

MORE ITEMS

ADD AN ELEMENT

☐ Preview Element

ITEM CONFIGURATION

Enter Field Title

Study type

⊙ MULTIPLE CHOICE



Enter Option

Click choice to set as default



ADD ANOTHER



Required



Advanced



FIELD

VALUES

Use the options below to add values here

SEARCH

BROWSE

CREATE

CREATE CLASS

CREATE VALUE SET

Please, provide the following information for the value set you want to create

URI



Name\*



Description\*



ADD VALUES TO THE VALUE SET

Use the options below to add values here

SEARCH

BROWSE

CREATE

Search for a class in BioPortal

Search



BioPortal ontologies



BioPortal value sets



CREATE VALUE SET



Same behavior than the options that allow to select the possible values of a field