

# 疾患検索インターフェース



# 疾患検索インターフェース

Disease ..... X ..... Related item

オントロジー  
を1つ選ぶ

|   |                   |
|---|-------------------|
| Select an ontology  | Select relay item |
| Alzheimer's <b>disease</b> ontology (ADO)   |                   |
| Anthology of Biosurveillance <b>Diseases</b> (ABD)  |                   |
| Bilingual Ontology of Alzheimer's <b>Disease</b> and Related <b>Diseases</b> (ONTOAD)             |                   |
| <b>Disease</b> core ontology applied to Rare <b>Diseases</b> (HRDO)                               |                   |
| Human Dermatological <b>Disease</b> Ontology (DERMO)  |                   |
| Human <b>Disease</b> Ontology (DOID)  |                   |
| Infectious <b>Disease</b> Ontology (IDO)  |                   |
| International Classification of <b>Diseases</b> , Version 10 (ICD10)                              |                   |
| International Classification of <b>Diseases</b> , Version 10 - Clinical Modification (ICD10CM)    |                   |
| International Classification of <b>Diseases</b> , Version 10 - Procedure Coding System (ICD10PCS) |                   |
| International Classification of <b>Diseases</b> , Version 9 - Clinical Modification (ICD9CM)      |                   |
| Neglected Tropical <b>Disease</b> Ontology (NTDO)   |                   |
| Ontology for Genetic <b>Disease</b> Investigations (OGDI)   |                   |
| Orphanet Rare <b>Disease</b> Ontology (ORDO)  |                   |
| Parkinson's <b>Disease</b> Ontology (PDON)  |                   |
| Pathogenic <b>Disease</b> Ontology (PDO)  |                   |

|             |
|-------------|
| Select item |
|-------------|

# 疾患検索インターフェース

Disease ..... X ..... Related item

Human Disease Ontology (DOID)

Select relay item

Select item

Select a class (option)

Filter (option)

# 疾患検索インターフェース

Disease ..... X ..... Related item

Human Disease Ontology (DOID)

Select relay item

Select item

Select a class (option)

Jump To:

- disease
  - + disease by infectious agent
  - + disease of anatomical entity
  - + disease of cellular proliferation
  - + disease of mental health
  - disease of metabolism
    - + **acquired metabolic disease**
    - + inherited metabolic disorder
  - + genetic disease
  - + physical disorder
  - + syndrome

# 疾患検索インターフェース

Disease ..... X ..... Related item

Human Disease Ontology (DOID)

acquired metabolic disease

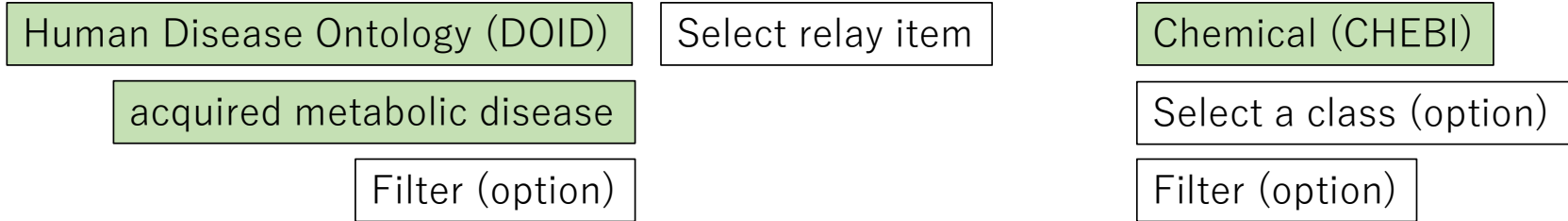
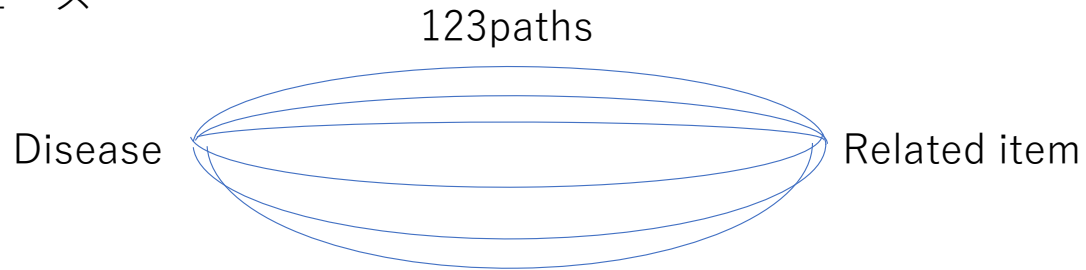
Filter (option)

Select relay item

Select item

Gene (???)  
Protein (Uniplot)  
Chemical (CHEBI)  
Environment (??)  
Phenotype (いくつか?)

# 疾患検索インターフェース



1234567 instances **-view**

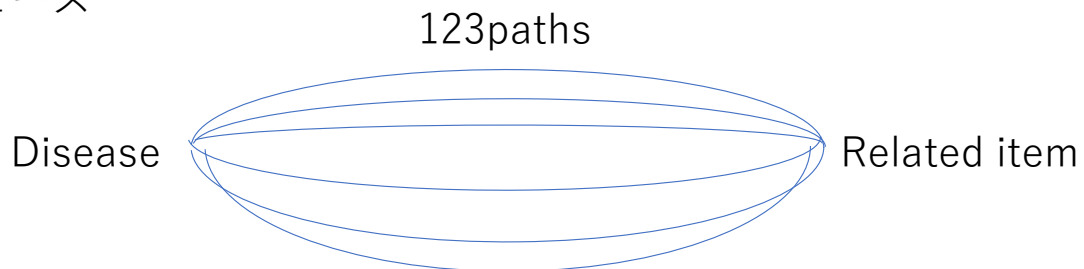
または

SPARQL query

< = 検索結果を示してあげるか、

SPARQL作ってあげて、  
(ユーザーがmodifyできる)  
そこから実行できるようにしてあげるか

# 疾患検索インターフェース



Human Disease Ontology (DOID)

Select relay item

Chemical (CHEBI)

acquired metabolic disease

Select a class (optional)

Filter (option)

Jump To:

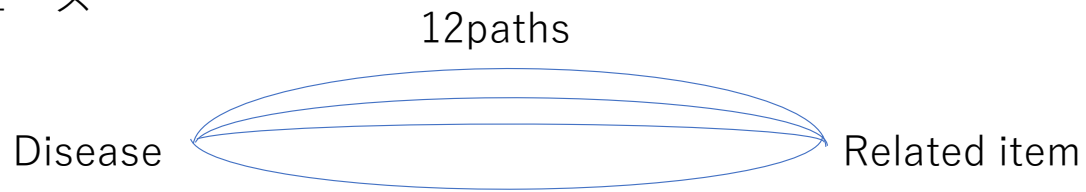
- chemical entity
  - atom
  - chemical substance
    - biogenic substance
    - mineral**
    - mixture
    - pure substance
    - wax
  - group
  - molecular entity
  - role
  - subatomic particle

1234567 instances **-view**

または

SPARQL query

# 疾患検索インターフェース



Human Disease Ontology (DOID)

acquired metabolic disease

Filter (option)

Select relay item

Chemical (CHEBI)

mineral

Filter (option)

1234567 instances *-view*

または

SPARQL query



# 疾患検索インターフェース

12paths

Disease



Related item

Human Disease Ontology (DOID)

acquired metabolic disease

Filter (option)

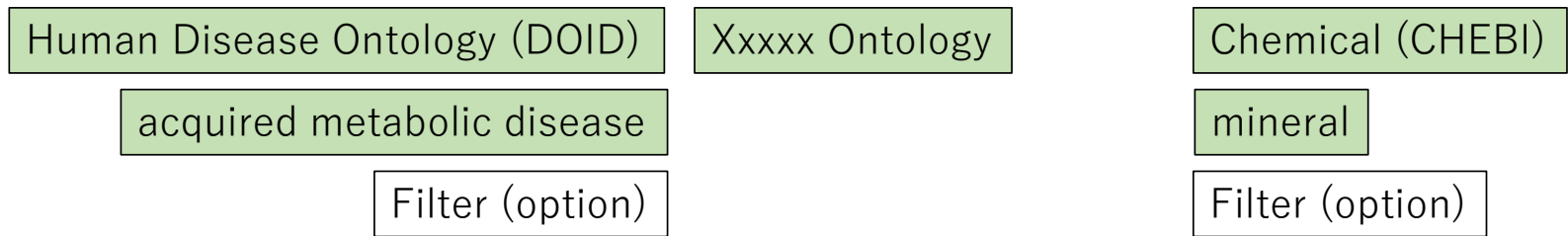
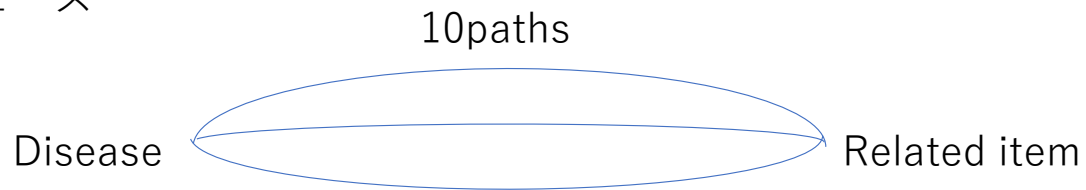
Select relay item

Chemical (CHEBI)

|   |                     |
|---|---------------------|
| <b>Current Procedural Terminology (CPT)</b><br>Current Procedural Terminology<br>Uploaded: 2/7/17   | project class       |
| <b>Medical Dictionary for Regulatory Activities (MEDDRA)</b><br>Medical Dictionary for Regulatory Activities Terminology (MedDRA)<br>Uploaded: 2/7/17           | notes project class |
| <b>SNOMED CT (SNOMEDCT)</b><br>SNOMED Clinical Terms<br>Uploaded: 2/7/17  | notes project class |
| <b>RxNORM (RXNORM)</b><br>RxNorm Vocabulary<br>Uploaded: 2/7/17   | project class       |
| <b>National Drug Data File (NDDF)</b><br>National Drug Data File Plus Source Vocabulary<br>Uploaded: 2/7/17   | project class       |
| <b>National Drug File - Reference Terminology (NDFRT)</b><br>National Drug File - Reference Terminology Public Inferred Edition, 2008_03_11<br>Uploaded: 2/7/17 | project class       |
| <b>Medical Subject Headings (MESH)</b><br>Medical Subject Headings (MeSH); National Library of Medicine; 2011<br>Uploaded: 2/7/17                               | notes project class |

option)

# 疾患検索インターフェース

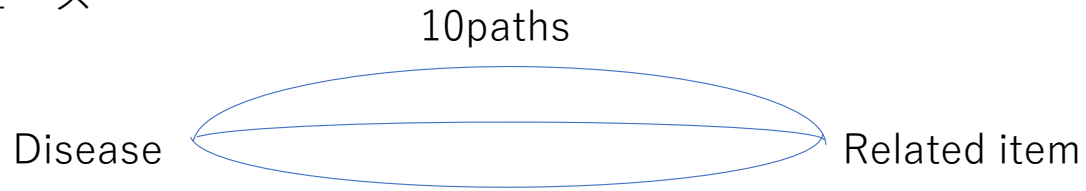


1234567 instances [-view](#)

または

SPARQL query

疾患検索インターフェース



Human Disease Ontology (DOID)    Xxxxx Ontology    Chemical (CHEBI)

acquired metabolic disease    mineral

Filter (option)    Filter (option)

Filtering:

- \* instance/class  
text
- \* property  
text

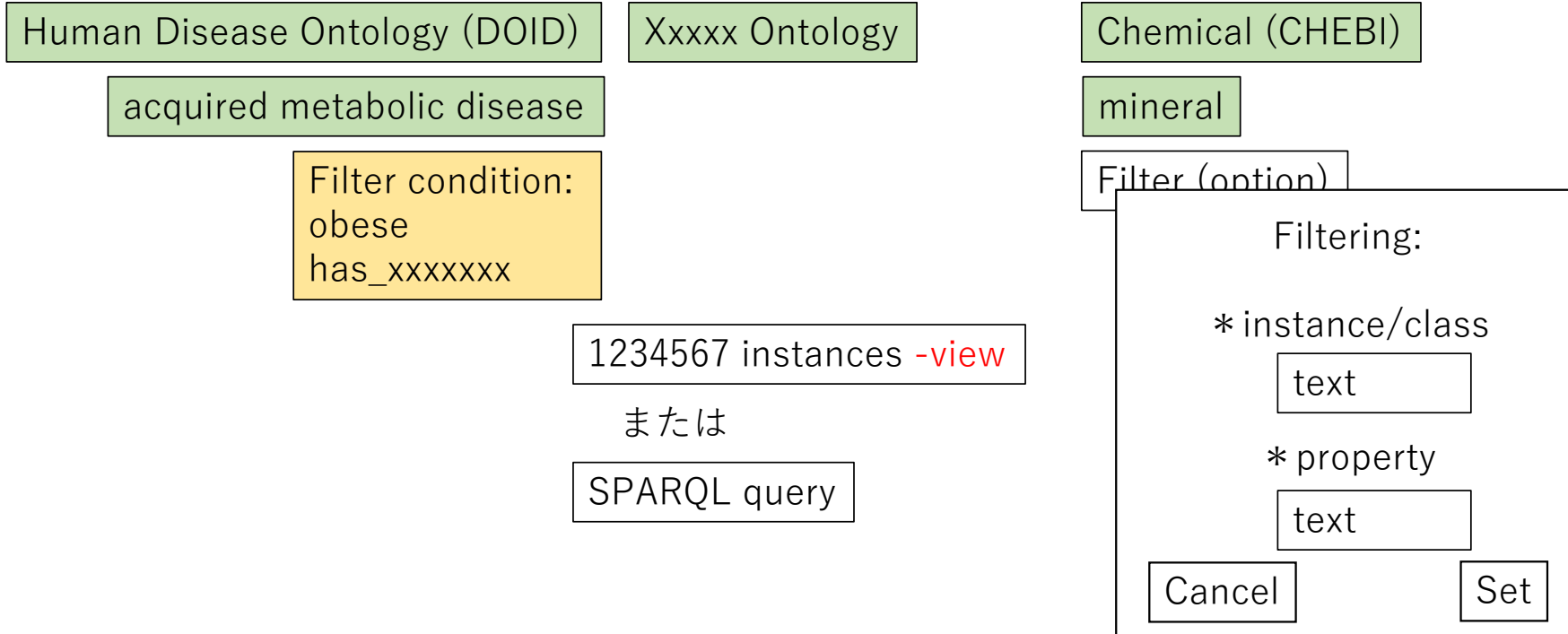
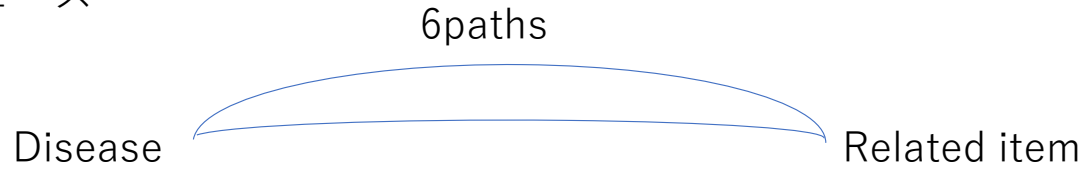
Cancel    Set

1234567 instances **-view**

または

SPARQL query

疾患検索インターフェース



acquired metabolic disease

mineral

Filter condition:  
obese  
has\_xxxxxxx

Filter (option)

### SPARQL Query

```
Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

(変更可能)

Execute