

# Wikibaseに手動で 項目(Q)とプロパティ(P)を 追加する方法

2021.8

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# Wikibaseへのpythonスクリプトでのデータ挿入前に必要な作業

- データ挿入用のpythonスクリプト

- script\_wdi\_xml\_institution.py
- script\_wdi\_xml\_review\_section.py

にあるcreate\_entity関数で実際のデータを挿入するが、挿入前に必要なP(プロパティ)とQ(項目)の定義をあらかじめしておく必要がある。

- 必要なプロパティ(P)(カッコ内は型)
  - code\_nii(文字列)、code\_mext(文字列)、code\_jsps(文字列)、name\_ja(文字列)、name\_en(文字列)、name\_yomi(文字列)、item\_type(プロパティ)、group(文字列)、start\_date(時刻 point in time)、end\_date(時刻 point in time)、subrecord\_of(項目)、path(文字列)
  - kakenhii(プロパティ)、review\_section(プロパティ)
- 必要な項目(Q)
  - “subrecord\_of”
- 手動で作成されたP/Qに対して、実際のデータを挿入する。

# script\_wdi\_xml\_institution.pyの create\_entity関数

```
script_wdi_xml_institution.py x
33
34 def createEntity(code_nii, code_mext, code_jsps, name_ja, name_en, name_yomi, removeDuplicates = False,
35                 item_type = 'P13', group = '', start_date = '', end_date = ''):
36     qid = ''
37     if removeDuplicates:
38         removeDuplicate(name_en)
39     else:
40         print(name_en)
41         qid = findQidByLable(name_en)
42
43     if end_date == '':
44         item_statements = [
45             wdi_core.WDString(code_nii, prop_nr='P1'),
46             wdi_core.WDString(code_mext, prop_nr='P2'),
47             wdi_core.WDString(code_jsps, prop_nr='P3'),
48             wdi_core.WDString(name_ja, prop_nr='P4'),
49             wdi_core.WDString(name_en, prop_nr='P5'),
50             wdi_core.WDString(name_yomi, prop_nr='P6'),
51             wdi_core.WDProperty(item_type, prop_nr='P7'),
52             wdi_core.WDString(group, prop_nr='P8'),
53             wdi_core.WDTime(start_date, prop_nr='P9'),
54         ]
55     else:
56         item_statements = [
57             wdi_core.WDString(code_nii, prop_nr='P1'),
58             wdi_core.WDString(code_mext, prop_nr='P2'),
59             wdi_core.WDString(code_jsps, prop_nr='P3'),
60             wdi_core.WDString(name_ja, prop_nr='P4'),
61             wdi_core.WDString(name_en, prop_nr='P5'),
62             wdi_core.WDString(name_yomi, prop_nr='P6'),
63             wdi_core.WDProperty(item_type, prop_nr='P7'),
64             wdi_core.WDString(group, prop_nr='P8'),
65             wdi_core.WDTime(start_date, prop_nr='P9'),
66             wdi_core.WDTime(end_date, prop_nr='P10'),
67         ]
68     #qid = findQidByLable(name_en)
69
```

# script\_wdi\_xml\_review\_section.pyの create\_entity関数

```
script_wdi_xml_review_section.py x
31
32 def createEntity(path, code_nii, code_mext, name_en, name_ja, removeDuplicates = False, subrecord_of = '',
33                 item_type= 'P14', start_date = '', end_date = ''):
34     qid = ''
35     if removeDuplicates:
36         removeDuplicate(name_en)
37     else:
38         qid = findQidByLable(name_en)
39
40     if subrecord_of == '':
41         subrecord_of = 'Q1'
42     if end_date == '':
43         item_statements = [
44             wdi_core.WDString(path, prop_nr='P12'),
45             wdi_core.WDString(code_nii, prop_nr='P1'),
46             wdi_core.WDString(code_mext, prop_nr='P2'),
47             wdi_core.WDString(name_en, prop_nr='P5'),
48             wdi_core.WDString(name_ja, prop_nr='P4'),
49             wdi_core.WDItemID(subrecord_of, prop_nr='P11'),
50             wdi_core.WDProperty(item_type, prop_nr='P7'),
51             wdi_core.WDTime(start_date, prop_nr='P9'),
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53     else :
54         item_statements = [
55             wdi_core.WDString(path, prop_nr='P12'),
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62             wdi_core.WDTime(start_date, prop_nr='P9'),
63             wdi_core.WDTime(end_date, prop_nr='P10'),
64         ]
65
66
67     wd_item = wdi_core.WDItemEngine(wd_item_id=qid, data=item_statements)
```

Wikibaseのmain page  
([https://wb.ddbj.nig.ac.jp/wiki/Main\\_Page](https://wb.ddbj.nig.ac.jp/wiki/Main_Page))  
に行きログインする。



- ID: WikibaseAdmin
- PW: WikibaseDockerAdminPass

# Main pageから「特別ページ」に行く



ログインせずに新規項目を作成しようとする  
と、以下のような警告（IPアドレスが公開さ  
れる）が出るので、ログインは必須。

Set \$wgLogos  
with the URL  
path to your  
own logo  
image

[メインページ](#)  
[最近の更新](#)  
[おまかせ表示](#)  
[MediaWikiについてのヘルプ](#)  
[ツール](#)  
[特別ページ](#)  
[印刷用バージョン](#)

日本語 ログインしていない トーク 投稿記録 アカウント作成 ログイン

特別ページ

## 項目の新規作成

項目が既に存在するかどうか確認してください！  
新しく項目をつくるときはいつも、**ラベル**および**説明**を作成する必要があります。

「作成」をクリックすることで、あなたは**利用規約**に同意し、自分の投稿内容を[ ]のもとで公開することに撤回不可能な形で同意することになります。

**警告:** ログインしていません。編集を行うと、あなたの IP アドレスが公開されます。**ログイン**または**アカウントを作成**すれば、あなたの編集はその利用者名とともに表示されるほか、その他の利点もあります。

### 項目の新規作成

言語:  

ja

ラベル:  

日本語でのラベル名を設定してください

# Item(Q) と property(P)を作成する

## ウィキベース

---

- 2つの項目を統合
- Set 項目/プロパティ aliases
- Set 項目/プロパティ description
- Set 項目/プロパティ label
- Set 項目/プロパティ label, description and aliases
- エンティティのデータ
- エンティティをリダイレクト
- エンティティページ
- サイトリンクがない項目
- サイトリンクの設定
- スキーマの新規作成
- スキーマの本文
- プロパティの新規作成
- プロパティ一覧
- ページ名から項目を探す
- ラベル、説明、別名の設定
- ラベルがないエンティティ
- リンク先のページに移動
- 利用できるすべてのデータ型の一覧
- 利用できるバッジ
- 変更発送統計
- 言語フォールバックチェーン
- 説明がないエンティティ
- 項目の新規作成
- 項目の曖昧さ回避

Qで始まるデータを作成

Pで始まるデータを作成



# 項目(Q)の新規作成 - ラベルを入力して作成



[Main page](#)  
[Recent changes](#)  
[Random page](#)  
[Help about MediaWiki](#)

[Tools](#)

[Special pages](#)  
[Printable version](#)

[English](#) [WikibaseAdmin](#) [Talk](#) [Preferences](#) [Watchlist](#) [Contributions](#) [Log out](#)

Special page

Search wikibase-docker

## Create a new Item

Make sure to [check if the Item already exists!](#)

You should create a **label** and a **description** for all new items.

By clicking "Create", you agree to the [terms of use](#), and you irrevocably agree to release your contribution under the [ ].

### Create a new Item

Language:

en

Label:

subrecord\_of


Description:

enter a description in English

Aliases, pipe-separated:

enter some aliases in English

# 項目(Q)の新規作成 – Qの番号は自動的に振られる




Main page  
Recent changes  
Random page  
Help about MediaWiki

Tools

What links here  
Related changes  
Special pages  
Printable version  
Permanent link  
Page information  
Concept URI


In other languages

 Add links

English Not logged in Talk Contributions

Item Discussion Read View history Search wikibase-do

## subrecord\_of (Q1)

No description defined  edit

▼ In more languages

Configure

Language	Label	Description	Also known as
English	subrecord_of	No description defined	
Japanese	No label defined	No description defined	


### Statements

[+ add statement](#)

This page was last edited on 21 August 2021, at 08:10.

[Privacy policy](#) [About wikibase-docker](#) [Disclaimers](#)

# プロパティ (P)の新規作成 – ラベルとデータ型を決めて、作成



- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

Tools

- [Special pages](#)
- [Printable version](#)

English WikibaseAdmin Talk Preferences Watchlist Contributions Log out

Special page

Search wikibase-docker

## Create a new Property

Make sure to check if the Property already exists!  
You should create a **label** and a **description** for all new Properties, and in addition a valid Property type.

By clicking "Create", you agree to the **terms of use**, and you irrevocably agree to release your contribution under the [ ].

### Create a new Property

Language:

en

Label:

code\_ni

Description:

enter a description in English

Aliases, pipe-separated:

enter some aliases in English

Data type:

String

Create

# プロパティ (P)の新規作成 – Pの番号は自動的に振られる

**Set \$wgLogos with the URL path to your own logo image**

[Main page](#)  
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**Tools**

[What links here](#)  
[Related changes](#)  
[Special pages](#)  
[Printable version](#)  
[Permanent link](#)  
[Page information](#)  
[Concept URI](#)

[In other languages](#)  
[Add links](#)

Property [Discussion](#) [Read](#) [View history](#)

## code\_nii (P1)

No description defined [edit](#)

[In more languages](#)  
[Configure](#)

Language	Label	Description	Also known as
English	code_nii	No description defined	
Japanese	No label defined	No description defined	

### Data type

String

### Statements

[+ add statement](#)

# 手動で登録する名称と型（再掲）

- 必要なプロパティ(P)(カッコ内は型)
  - code\_nii(文字列String)、code\_mext(文字列String)、code\_jsps(文字列String)、name\_ja(文字列String)、name\_en(文字列String)、name\_yomi(文字列String)、item\_type(プロパティProperty)、group(文字列String)、start\_date(時刻 point in time)、end\_date(時刻 point in time)、subrecord\_of(項目Item)、path(文字列String)
  - kakenhii(プロパティProperty)、review\_section(プロパティProperty)
- 必要な項目(Q)
  - “subrecord\_of”

# 項目とプロパティの新規作成後

Special page

# Recent changes

Track the most recent changes to the wiki on this page.

Active filters

Human (not bot) X

Page edits X

Page creations X

Logged actions X

Filter changes (use menu or search for filter name)

Live updates

21 August 2021

08:13

review\_section (P14) (diff | hist) . . (+244) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: review\_section)

08:12

kakenhi (P13) (diff | hist) . . (+236) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: kakenhi)

08:12

path (P12) (diff | hist) . . (+225) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: path)

08:11

subrecord\_of (P11) (diff | hist) . . (+242) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: subrecord\_of)

08:10

subrecord\_of (Q1) (2 changes | history) . . (+223) . . [WikibaseAdmin (2x)]

08:05

end\_date (P10) (diff | hist) . . (+227) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: end\_date)

08:05

start\_date (P9) (diff | hist) . . (+229) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: start\_date)

08:04

group (P8) (diff | hist) . . (+225) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: group)

08:03

item\_type (P7) (diff | hist) . . (+241) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: item\_type)

08:03

name\_yomi (P6) (diff | hist) . . (+229) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_yomi)

08:02

name\_en (P5) (diff | hist) . . (+227) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_en)

08:02

name\_ja (P4) (diff | hist) . . (+227) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_ja)

08:02

code\_jsps (P3) (diff | hist) . . (+229) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_jsps)

08:01

code\_mext (P2) (diff | hist) . . (+229) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_mext)

08:00

code\_nii (P1) (diff | hist) . . (+228) . . WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_nii)

07:58

Main Page (diff | hist) . . (+735) . . MediaWiki default (talk | contribs | block)

# Q/Pに振られた番号をもとにpython scriptを変更(Q/Pの数字が対応している必要あり)

## institution

Special page

### Recent changes

Track the most recent changes to the wiki on this page.

Active filters

Human (not bot) X Page edits X Page creations X Logged actions X

Filter changes (use menu or search for filter name)

Live updates

21 August 2021

- 08:13 **review\_section (P14)** (diff | hist) .. (+244) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: review\_section)
- 08:12 **kakenhi (P13)** (diff | hist) .. (+236) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: kakenhi)
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- 08:11 **subrecord\_of (P11)** (diff | hist) .. (+242) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: subrecord\_of)
- 08:10 **subrecord\_of (Q1)** (2 changes | history) .. (+223) .. [WikibaseAdmin (2x)]
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- 08:04 **group (P8)** (diff | hist) .. (+225) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: group)
- 08:03 **item\_type (P7)** (diff | hist) .. (+241) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: item\_type)
- 08:03 **name\_yomi (P6)** (diff | hist) .. (+229) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_yomi)
- 08:02 **name\_en (P5)** (diff | hist) .. (+227) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_en)
- 08:02 **name\_ja (P4)** (diff | hist) .. (+227) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_ja)
- 08:02 **code\_jsps (P3)** (diff | hist) .. (+229) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_jsps)
- 08:01 **code\_mext (P2)** (diff | hist) .. (+229) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_mext)
- 08:00 **code\_nii (P1)** (diff | hist) .. (+228) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_nii)
- 07:56 **Main Page** (diff | hist) .. (+735) .. MediaWiki default (talk | contribs | block)

```
script_wdi_xml_institution.py x
33
34 def createEntity(code_nii, code_mext, code_jsps, name_ja, name_en, name_yomi, removeDuplicates = False,
35                 item_type = 'P13', group = '', start_date = '', end_date = ''):
36     qid = ''
37     if removeDuplicates:
38         removeDuplicate(name_en)
39     else:
40         print(name_en)
41         qid = findQidByLable(name_en)
42
43     if end_date == '':
44         item_statements = [
45             wdi_core.WDString(code_nii, prop_nr='P1'),
46             wdi_core.WDString(code_mext, prop_nr='P2'),
47             wdi_core.WDString(code_jsps, prop_nr='P3'),
48             wdi_core.WDString(name_ja, prop_nr='P4'),
49             wdi_core.WDString(name_en, prop_nr='P5'),
50             wdi_core.WDString(name_yomi, prop_nr='P6'),
51             wdi_core.WDProperty(item_type, prop_nr='P7'),
52             wdi_core.WDString(group, prop_nr='P8'),
53             wdi_core.WDTime(start_date, prop_nr='P9'),
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57             wdi_core.WDString(code_nii, prop_nr='P1'),
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67         ]
68     #qid = findQidByLable(name_en)
69
```

# Q/Pに振られた番号をもとにpython scriptを変更(Q/Pの数字が対応している必要あり)

## review section

Special page

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- 08:02 **name\_ja** (P4) (diff | hist) .. (+227) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: name\_ja)
- 08:02 **code\_jsps** (P3) (diff | hist) .. (+229) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_jsps)
- 08:01 **code\_mext** (P2) (diff | hist) .. (+229) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_mext)
- 08:00 **code\_nii** (P1) (diff | hist) .. (+228) .. WikibaseAdmin (talk | contribs | block) (Created a new Property: code\_nii)
- 07:58 Main Page (diff | hist) .. (+735) .. MediaWiki default (talk | contribs | block)

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33 item_type= 'P14', start_date = '', end_date = ''):
34
35     qid = ''
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63             wdi_core.WDTime(start_date, prop_nr='P9'),
64             wdi_core.WDTime(end_date, prop_nr='P10'),
65         ]
66
67     wd_item = wdi_core.WDItemEngine(wd_item_id=qid, data=item_statements)
```