

# RCAST Automatic database manipulation team

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Objective: metadata integration of individual databases in IVB-PF

Method: use (semantic)mediawiki and existing ontology

Work

- We made individual data pages keyword page using python and cosmoapi and mediawiki API(mwclient).

Refs

Codes: [git@github.com:TKazawa/jh2016a.git](https://github.com:TKazawa/jh2016a.git)

Constructing media wiki:

[https://invbrain.neuroinf.jp/jscpb\\_test/wiki/](https://invbrain.neuroinf.jp/jscpb_test/wiki/)

Existing databases in IVB-PF

001212\_2\_sw  
Information | Physiology

001212\_2f1z\_sw  
001212\_2f1z\_sw.jpg

Author Comment  
author: automoth (Bot ID:485)  
date: 2016-02-24 19:07  
comment: オークサーコメントhwdb5/2000-12-1200:00

Information	Keyword
ID: 747	<b>Arborization Area</b>
Author: automoth	• LAL
Date: 2016-02-24	• Posterior Optic Foci
View: 4	• SOG
	• VPC
	<b>Neuron Type</b>
	• AL-LN/type I
	<b>Cell Body Position</b>
	• Group I
	<b>Dye</b>
	..

Make link and keyword pages in mediawiki  
Making categories



001212 2 sw747

<https://invbrain.neuroinf.jp/modules/newdb5/detail.php?id=747>

カテゴリ: JNHK16A | Newdb5 | LAL | Posterior Optic Foci | SOG | VPC | AL-LN/type I | Group I | Alexa568 | Olfactory | Olfactory/Bombykol | Visual | Visual/Constant Light On-Off | One Set Data | Group I/type a

Wiki for metadata integration