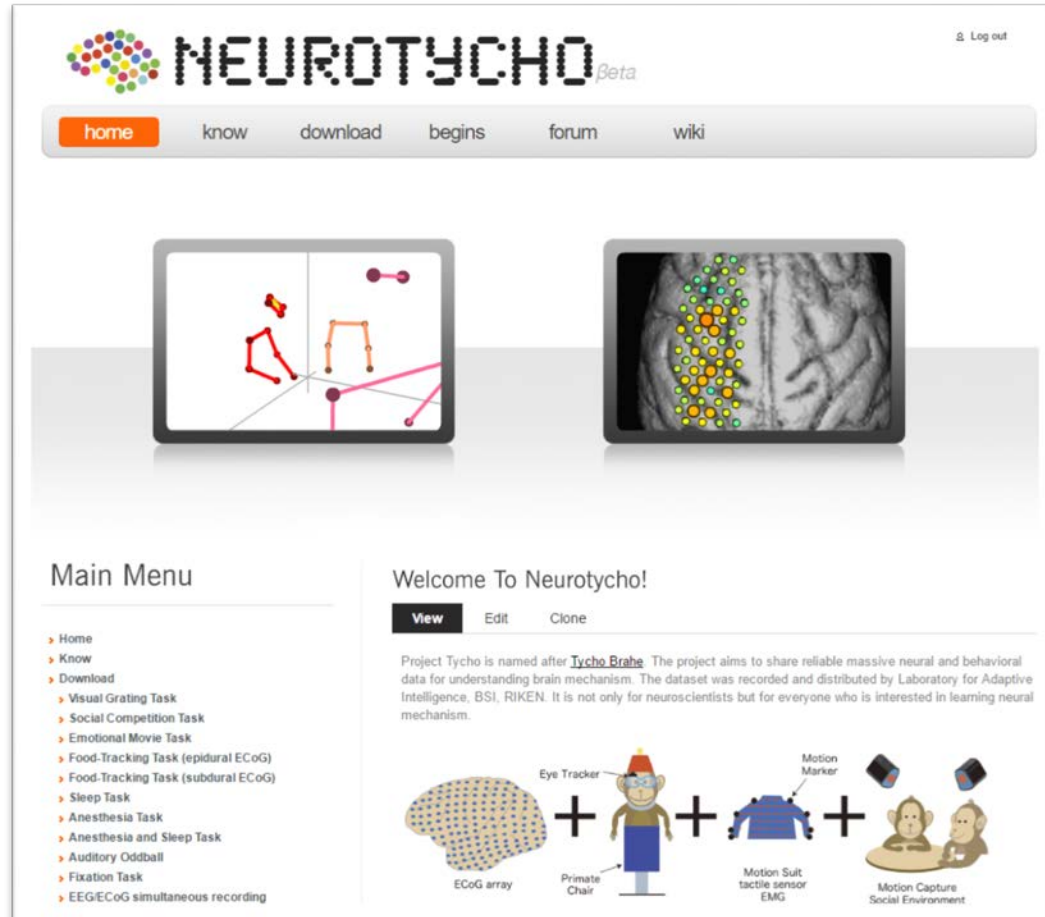


Migration from Drupal6 to 7

RIKEN BSI Yoko Morii



D6 → D7 → D8



Requirements for DP7

Database: MySQL 5.0.15 or PostgreSQL 8.3

PHP Version 5.2 or higher

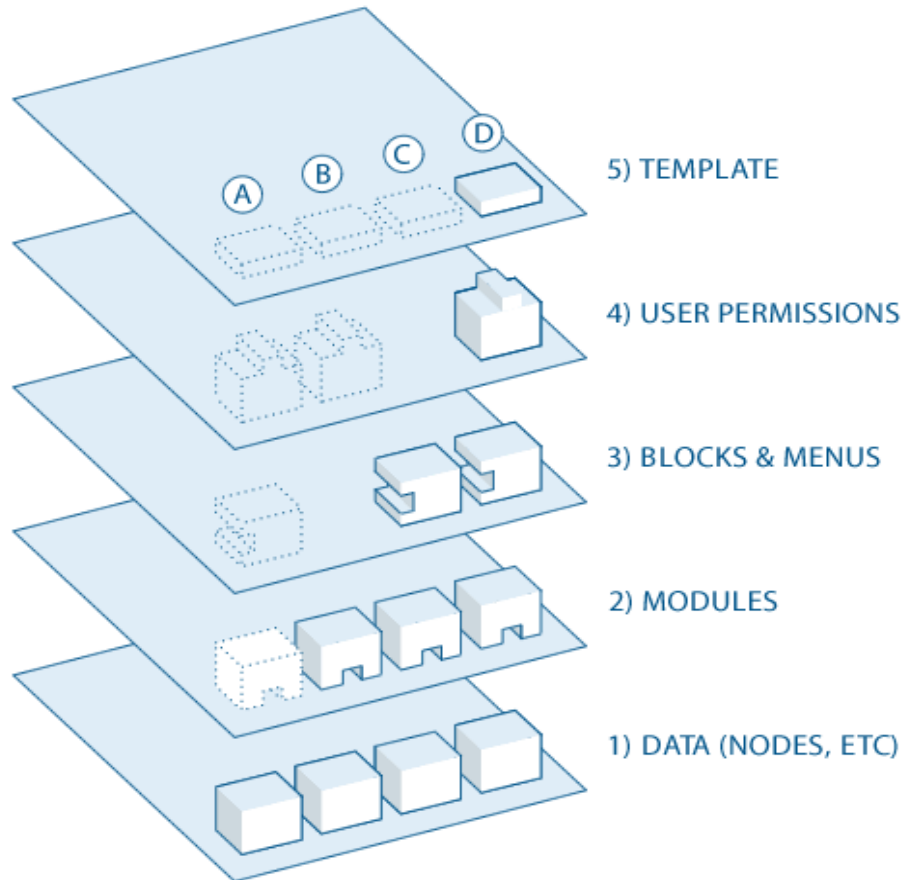
Migration items

- MySQL tables, data types
- Content fields, blocks, regions, views
- template
- update of modules, Facebook, yahoo, contact....
- css, javascript

Neurotycho shares neural and behavioral data

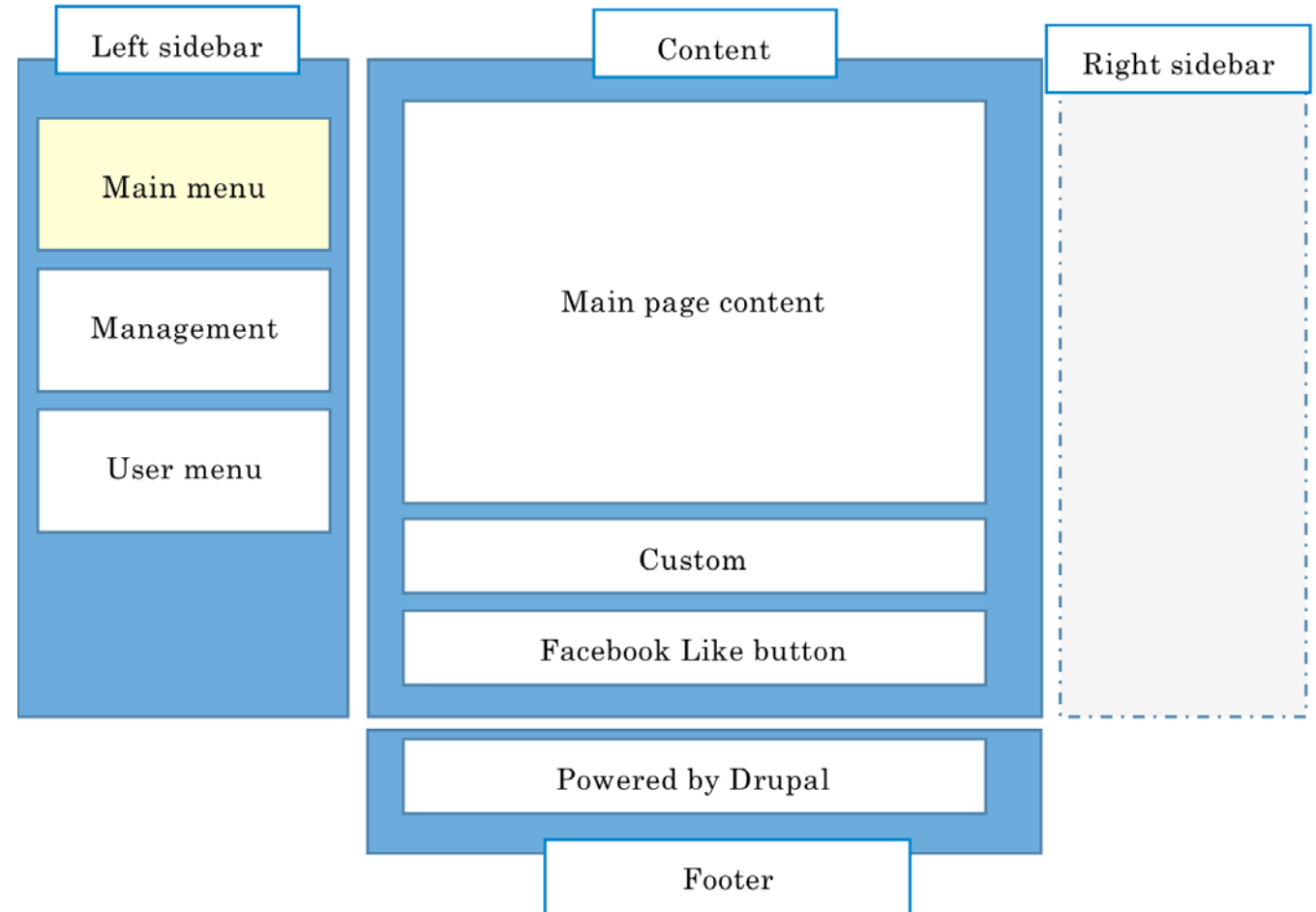
Yoko Morii, RIKEN BSI, Brainhack Global 2017 Spring

Structure of DP7(std)



From Drupal site

Structure of neurotycho+



region

block

field

management
display

Errors after update of modules

The screenshot shows the Drupal administrator interface for neurotycho.org. The top navigation bar includes Home, Know, Download, BEGINS, Forum, and Wiki. The left sidebar shows the user 'superuser' and various administrative options. The main content area is titled 'Available updates' and contains several error messages for unsupported modules:

- Drupal core 6.38**: Security update required! (Security update: Drupal 6 has reached end of life (2016-Feb-25)). Includes: Block, Color, Comment, Database logging, Filter, Forum, Help, Locale, Menu, Node, Path, System, Taxonomy, Update status, User, theme518.
- AntiSpam 6.x-1.3**: Not supported! Project not supported: This project is no longer supported, and is no longer available for download. Disabling everything included by this project is strongly recommended! Includes: AntiSpam.
- Autoload 6.x-2.1**: Not supported! Project not supported: This project is no longer supported, and is no longer available for download. Disabling everything included by this project is strongly recommended! Includes: Autoload.
- CAPTCHA 6.x-2.5**: Not supported! Project not supported: This project is no longer supported, and is no longer available for download. Disabling everything included by this project is strongly recommended! Includes: CAPTCHA.
- CKEditor - WYSIWYG HTML editor 6.x-1.15**: Not supported! Project not supported: This project is no longer supported, and is no longer available for download. Disabling everything included by this project is strongly recommended! Includes: CKEditor.
- CKEditor SWF - Enhanced Flash embedding plugin 6.x-2.2**: Not supported! Project not supported: This project is no longer supported, and is no longer available for download. Disabling everything included by this project is strongly recommended! Includes: CKEditor SWF.

missing module fixer

The screenshot shows the Drupal administrator interface for neurotycho.org, specifically the 'Missing Module Message Fixer' tool. The top navigation bar includes Home, Know, Download, BEGINS, Forum, and Wiki. The left sidebar shows the user 'superuser' and various administrative options. The main content area is titled 'Missing Module Message Fixer' and contains a green checkmark indicating the system is operating in maintenance mode. Below this, there is a list of modules that are missing or not supported, with a 'Remove These Errors!' button. The list includes:

Name	Type	Filename
content	module	sites/all/modules/cck/content.module
content_copy	module	sites/all/modules/cck/modules/content_copy/content_copy.module
content_permissions	module	sites/all/modules/cck/modules/content_permissions/content_permissions.module
fieldgroup	module	sites/all/modules/cck/modules/fieldgroup/fieldgroup.module
nodereference	module	sites/all/modules/cck/modules/nodereference/nodereference.module
optionwidgets	module	sites/all/modules/cck/modules/optionwidgets/optionwidgets.module
date_locale	module	sites/all/modules/date/date_locale/date_locale.module
date_php4	module	sites/all/modules/date/date_php4/date_php4.module
date_timezone	module	sites/all/modules/date/date_timezone/date_timezone.module
jquery_ui	module	sites/all/modules/jquery_ui/jquery_ui.module
fb_social_comments	module	sites/all/modules/fb_social/modules/fb_social_comments/fb_social_comments.module
fb_social_like	module	sites/all/modules/fb_social/modules/fb_social_like/fb_social_like.module

Powered by Drupal

field migration

atlantis-nt.njic.brain.riken.jp/admin/structure/content_migrate

neurotycho.org

Home Know Download BEGINS Forum Wiki

My account Log out

Home Administration Structure

Migrate fields

Operating in maintenance mode. Go online.

Available fields

Fields that have not yet been migrated but are available for migration. Please carefully read the messages next to each field before migrating it to understand changes that might be made.

Field	Field type	Content type(s)	Other information
field_download_url	text	Data Page	Invalid field/widget combination: The field 'field_download_url' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_datatype	text	Data Page	Invalid field/widget combination: The field 'field_datatype' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_path	text	Data Page	Invalid field/widget combination: The field 'field_path' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_task	text	Data Page	Invalid field/widget combination: The field 'field_task' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_monkey	text	Data Page	Invalid field/widget combination: The field 'field_monkey' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_option	text	Data Page	Invalid field/widget combination: The field 'field_option' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_author	text	Data Page	Invalid field/widget combination: The field 'field_author' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_file_id	text	Data Page	Invalid field/widget combination: The field 'field_file_id' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_session_id	text	Data Page	Invalid field/widget combination: The field 'field_session_id' in the bundle 'expdata' is an unlimited length field using a textfield widget, not allowed in D7. The field length will be set to 255.
field_expire	date	Data Page	

Migrate selected fields

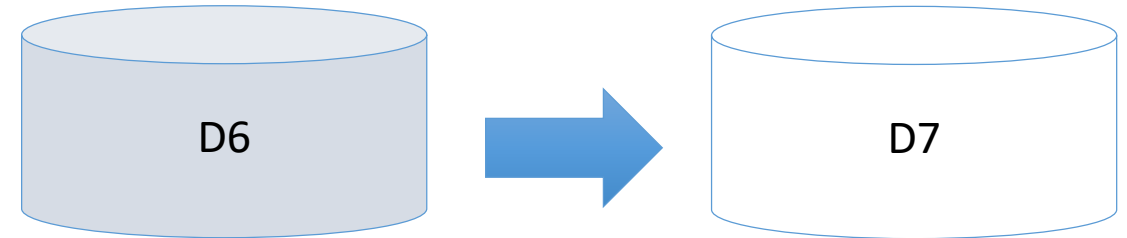
Converted fields

Fields that have already been converted. You can choose to roll them back if the conversion did not work correctly. Note that rolling fields back will completely destroy the new field tables. This operation cannot be undone!

Field	Field type	Content type(s)	Other information
No fields are already converted.			

Roll back selected fields

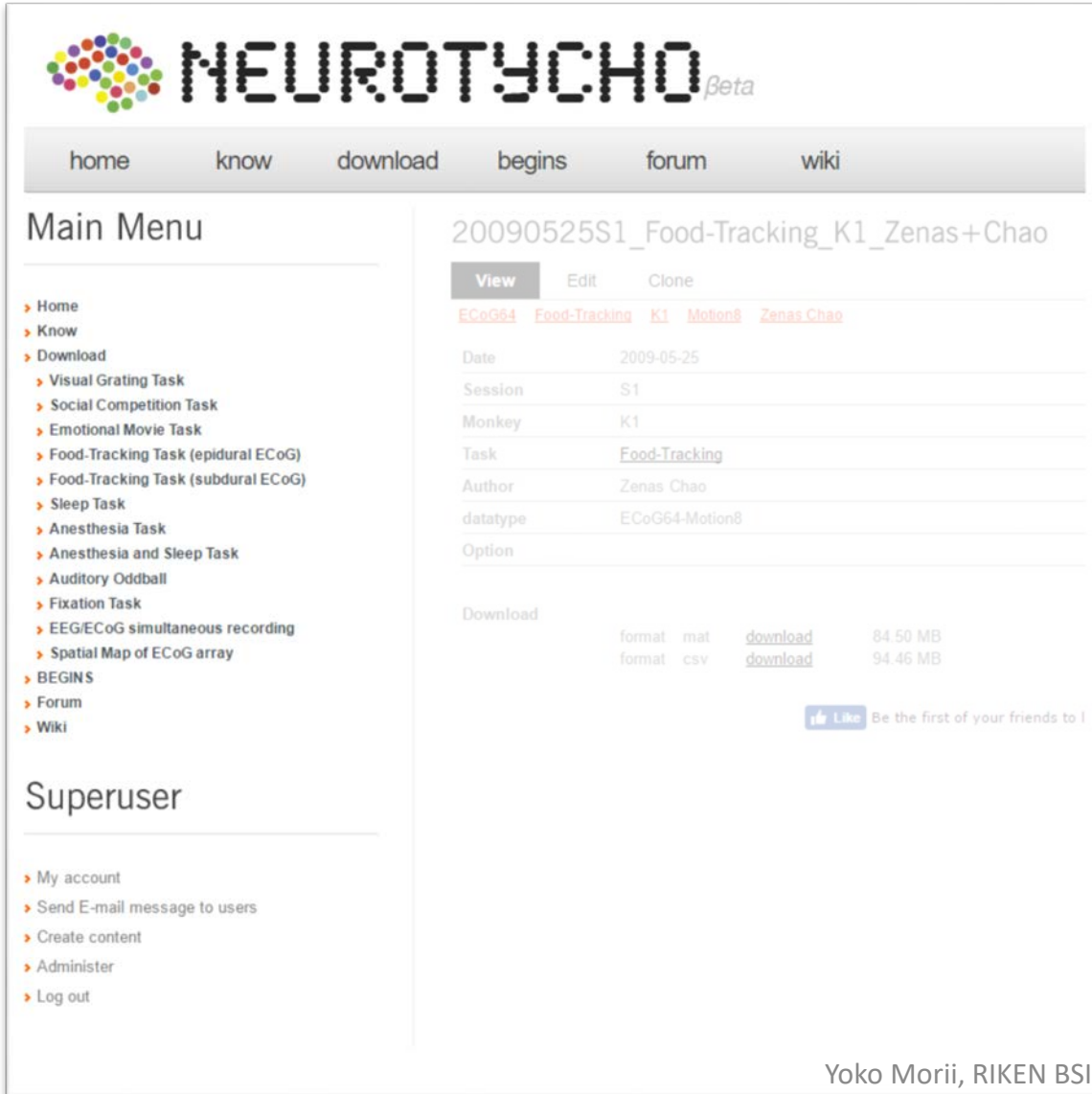
Unavailable fields



export and import data gave field
conversion failures and mismatches...

Error caused differences;
core features,
templates, data expression,
node structure,
obsolete modules,
File, block, field name convention,
embedded core API, etc...

Before & After of on going migration



The screenshot shows the Neurotycho website in a dark theme. The header features the Neurotycho logo with a colorful dot pattern and the word "NEUROTYPCHO" in a pixelated font, followed by "beta". Below the header is a navigation bar with links for "home", "know", "download", "begins", "forum", and "wiki". A "Main Menu" section on the left lists various tasks and categories. The main content area displays a page for "20090525S1_Food-Tracking_K1_Zenas+Chao" with a table of metadata and download options.

NEUROTYPCHO^{beta}

home know download begins forum wiki

Main Menu

- Home
- Know
- Download
 - Visual Grating Task
 - Social Competition Task
 - Emotional Movie Task
 - Food-Tracking Task (epidural ECoG)
 - Food-Tracking Task (subdural ECoG)
 - Sleep Task
 - Anesthesia Task
 - Anesthesia and Sleep Task
 - Auditory Oddball
 - Fixation Task
 - EEG/ECoG simultaneous recording
 - Spatial Map of ECoG array
- BEGINS
- Forum
- Wiki

Superuser

- My account
- Send E-mail message to users
- Create content
- Administer
- Log out

20090525S1_Food-Tracking_K1_Zenas+Chao

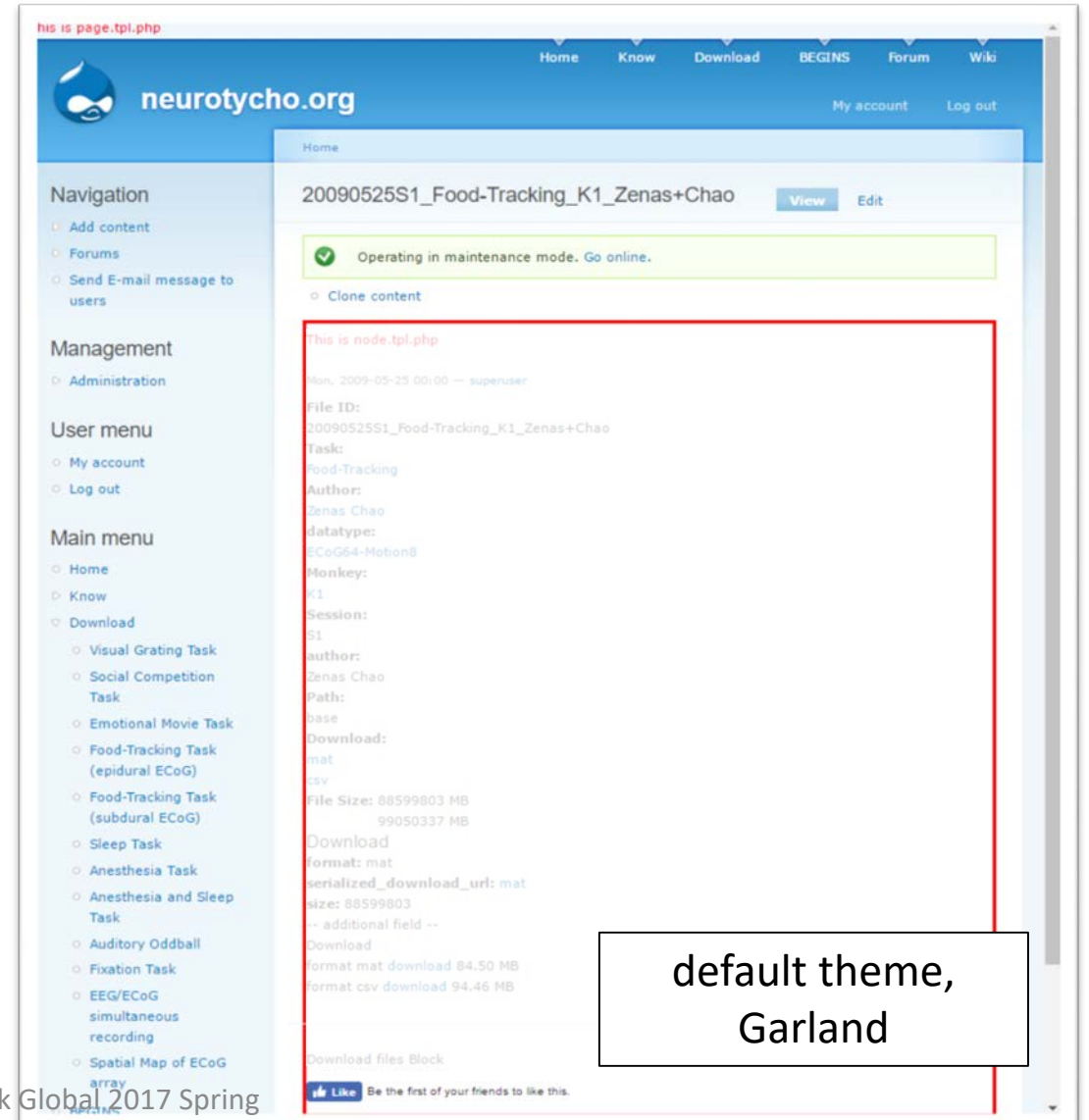
View Edit Clone

[ECoG64](#) [Food-Tracking](#) [K1](#) [Motion8](#) [Zenas Chao](#)

Date	2009-05-25
Session	S1
Monkey	K1
Task	Food-Tracking
Author	Zenas Chao
datatype	ECoG64-Motion8
Option	

Download	format	mat	download	84.50 MB
	format	csv	download	94.46 MB

Like Be the first of your friends to like this.



The screenshot shows the Neurotycho website in a light blue theme. The header includes the Neurotycho logo and navigation links for "Home", "Know", "Download", "BEGINS", "Forum", and "Wiki". A "Navigation" sidebar on the left lists various tasks and categories. The main content area displays a page for "20090525S1_Food-Tracking_K1_Zenas+Chao" with a table of metadata and download options. A red box highlights a message indicating the site is in maintenance mode.

neurotycho.org

Home Know Download BEGINS Forum Wiki

My account Log out

Navigation

- Add content
- Forums
- Send E-mail message to users

Management

- Administration

User menu

- My account
- Log out

Main menu

- Home
- Know
- Download
 - Visual Grating Task
 - Social Competition Task
 - Emotional Movie Task
 - Food-Tracking Task (epidural ECoG)
 - Food-Tracking Task (subdural ECoG)
 - Sleep Task
 - Anesthesia Task
 - Anesthesia and Sleep Task
 - Auditory Oddball
 - Fixation Task
 - EEG/ECoG simultaneous recording
 - Spatial Map of ECoG array

20090525S1_Food-Tracking_K1_Zenas+Chao View Edit

Operating in maintenance mode. Go online.

Clone content

This is node.tpl.php

Mon, 2009-05-25 00:00 -- superuser

File ID:
20090525S1_Food-Tracking_K1_Zenas+Chao

Task:
Food-Tracking

Author:
Zenas Chao

datatype:
ECoG64-Motion8

Monkey:
K1

Session:
S1

author:
Zenas Chao

Path:
base

Download:
mat
csv

File Size: 88599803 MB
99050337 MB

Download
format: mat
serialized_download_url: mat
size: 88599803
-- additional field --

Download
format mat download 84.50 MB
format csv download 94.46 MB

Download files Block

Like Be the first of your friends to like this.

default theme,
Garland

TODO: Migration from DP7 to 8



Differences;
XHTML to HTML5,
PHP-based templates to Twig theme engine,
responsive design, obsolete modules,
File, block, field , css class name convention,
embedded core API, etc...