Drupal™

デザインの基礎（英文資料を読みながら）

Drupal のデザインをやさしく学ぶ勉強会

第 2 回

開催日　2015 年 8 月 13 日(木)　18:30-20:45

目 次

はじめに

Drupal で Web デザインを開発する方法を基礎から学ぶ勉強会です。

Drupal 7 から始めて、Drupal 8 がリリースされた段階から、Drupal8 も学びます。また、オリジナルのデザインテンプレートを作るほかに、良く使われている Drupal のベーステーマ、Omage、Zen、Adaptivethmes、Bootstrap なども学びます。

デザインの作り方、管理、

Drupal 7 のデザインテーマの技術情報（英文）は　https://www.drupal.org/theme-guide/6-7

Drupal 7 のテーマとデザイン開発の技術情報(英文)　https://www.drupal.org/theming

8 月は　Writing theme .info files のページより　https://www.drupal.org/node/171205

Writing theme .info files

Last updated June 22, 2015. Created on August 28, 2007.
Edited by holingpoon, davidneedham, NonProfit, gisle. Log in to edit this page.

The .info file is a static text file for defining and configuring a theme. Each line in the .info file is a key-value pair with the key on the left and the value on the right, with an "equals sign" between them (e.g. name = my_theme). Semicolons are used to comment out a line. Some keys use a special syntax with square brackets for building a list of associated values, referred to as an "array". If you are unfamiliar with arrays, have a look at the default .info files that come with Drupal and read the explanations of the examples that follow. Even though the .info file extension is not natively opened by an Application, you can use TextEdit on a Mac or Notepad on a Windows computer in order to view, edit, and save your changes.

Note that this page describes .info files used for Drupal **themes**, and not **modules**. For information about the structure of .info files for Drupal modules, see Writing .info files in the Module developer's guide.

Example

The following example shows the Drupal 6 .info file for the Garland theme:

```
name = Garland
description = Tableless, recolorable, multi-column, fluid width theme (default).
version = VERSION
core = 6.x
engine = phptemplate
stylesheets[all][] = style.css
stylesheets[print][] = print.css
```

Module の場合　https://www.drupal.org/node/542202

Writing module .info files (Drupal 7.x)

Writing module .info files (Drupal 7.x)

Last updated January 16, 2015. Created on August 6, 2009.
Edited by batigolix, arpitr, jmcejuela, NonProfit. Log in to edit this page.

Overview

Drupal uses .info files to store metadata about themes and modules.

For modules, the .info file is used for:

- rendering information on the Drupal Web GUI administration pages;
- providing criteria to control module activation and deactivation;
- notifying Drupal about the existence of a module;
- general administrative purposes in other contexts.

This .info file is required for the system to recognize the presence of a module.

Example

The following is a sample .info file:

```
name = Really Neat Widget
description = Provides a really neat widget for your site's sidebar.
core = 7.x
package = Views
dependencies[] = views
dependencies[] = panels
files[] = tests/example.test
configure = admin/config/content/example
```

Module developer's guide　https://www.drupal.org/developing/modules

Module developer's guide

Last updated January 26, 2015. Created on November 20, 2004.
Edited by sidharrell, brahmjeet789, pbulebar, silverwing. Log in to edit this page.

A Drupal site can have three kinds of modules (the 3 Cs):

1. **Core** modules that ship with Drupal and are approved by the core developers and the community.
2. **Contributed** modules written by the Drupal community and shared under the same GNU Public License (GPL) as Drupal.
3. **Custom** modules created by the developer – often for a particular use case specific to the site they're working on.

Default .info values

https://www.drupal.org/node/171206

Assigning content to regions

https://www.drupal.org/node/171224

Theme settings

https://www.drupal.org/node/221905

Global Settings

https://www.drupal.org/getting-started/6/admin/site-building/themes/settings

Integrating color module

https://www.drupal.org/node/108459

Creating a sub-theme

https://www.drupal.org/node/225125

実習

サブテーマをつくる

Example: Creating a Garland Subtheme That Utilizes the Color Module

https://www.drupal.org/node/1969060

Google クラウドの Debian サーバに SSH で接続　IP アドレス　ユーザ名/パスワード　RSA 鍵ファイル

Theming Drupal 6 and 7

Drupal の Web デザインを作る基本、Drupal 6 と 7 を中心に説明

https://www.drupal.org/theme-guide/6-7

Working 　with CSS

Working with CSS

View　Edit　Revisions

Last updated October 24, 2014. Created on December 2, 2008.
Edited by camorim, batigolix, davidneedham, jhodgdon. You can edit this page, too.

Most modern web pages use external style sheets to control the presentation of a page. In a traditional static HTML page, a pointer to a style sheet must be manually placed within the HTML code (usually within the page header).

Here's an example:

```
<link rel="stylesheet" type="text/css" href="/mytheme.css" />
```

This code simply tells the browser where to find one of the style sheets (mytheme.css) that controls the appearance of the page.

To the browser, a page from a Drupal site might look exactly the same: the HTML header has the same kind of pointers to external style sheets. The key difference is that behind the scene, those pointers are added to the HTML automatically. Some styles might come from the theme itself and others might be supplied by various Drupal modules (to provide default styling for the module output).

You can add new style sheets to a theme and you can override a default style sheet from Drupal core, contributed modules or even another theme.

- Overriding style sheets from modules and base themes
- Adding style sheets
- Adding styles through the API
- Live_css with .less support
- Sass techniques and tools
- Standard Drupal core styles and classes
- Supporting "right to left" (RTL) languages

Working with JavaScript and jQuery

View   Edit   Revisions

Last updated February 25, 2015. Created on August 29, 2007.
Edited by mr.baileys, camorim, rovo, williamdelvalle. You can edit this page, too.

Using JavaScript adds dynamic presentation effects to a theme. In addition to custom JavaScript files many Drupal developers find jQuery useful. jQuery is a lightweight JavaScript library which is built into Drupal. jQuery contains all the common DOM, event, effects, and Ajax functions.

Drupal 7 includes jQuery 1.4.4 and jQuery UI 1.8.7. Drupal 6.0 to 6.2 included jQuery 1.2.3 while Drupal 6.3 includes an update to jQuery 1.2.6. For use in module development which requires a later version of jQuery, apply the jQuery update module. When JavaScript is added to a page through Drupal, jQuery is automatically added to the page.

More comprehensive information on the JavaScript APIs and the use of JavaScript in Drupal can be found in the Developer Guide.

For more information about jQuery visit the jQuery API and Documentation site.

Drupalize.Me offers a free, 11-minute video introduction to using jQuery in Drupal 6&7...
Intro to jQuery in Drupal

Adding JavaScript

There are two ways for Themes to easily add JavaScript to a page.

Advanced theming

Advanced theming

Last updated October 24, 2014. Created on May 6, 2011.
Edited by camorim, 3lackRos3, ThePeach, thomaske. You can edit this page, too.

This section goes beyond basic theming concepts, and discusses more ways you can extend your theme.

These topics are good ones to be familiar with to master the art of theming.

Drupalize.Me offers a free, 14-minute video on using PHP for theming. It covers the basics of PHP for those who consider themselves a beginner in PHP programming:
PHP for Themers

- Creating advanced theme settings
- Custom theme for custom form 6.x
- Theming Custom Entities
- Theming forms in your theme
- ▸ Targeting different devices

Core templates and suggestions

Last updated October 24, 2014. Created on March 12, 2011.
Edited by camorim, Carolyn. You can edit this page, too.

Core comes with a number of default template files. In order to override these templates, all you need to do is copy them into your theme folder and clear the theme registry.

You can also override these templates in a more targeted way.
This section lists the default templates in Drupal core and explains how to create more targeted template files.

In Drupal 6, some template files could be overridden in a targeted way. For example, the theme could contain a "node-article.tpl.php" file which would be used for nodes of the article type only.

In Drupal 7, these need to be renamed to use a double-hyphen. For example, "node--article.tpl.php". A single hyphen is still used to separate words: for example, "user-picture.tpl.php" or "node--long-content-type-name.tpl.php", so the double hyphen always indicates a more targeted override of what comes before the "--".

See Converting 6.x themes to 7.x for more info.

- Core templates
- ▸ Drupal 7 Template (Theme Hook) Suggestions
- Drupal 6 Template Suggestions

Overriding themable output

- Beginners guide to overriding themable output
- Introduction to PHP for theming
- About overriding themable output
- Setting up variables for use in a template (preprocess and process functions)
- Default baseline variables
- Customizing and Overriding User Login page, Register, and Password Reset in Drupal 6 and 7
- Example: Themable output
- Identifying Core Components
- Menu theming
- The theme registry for special cases
- Working with template suggestions
- Architectural view of theming

Tools, best practices and conventions

Tools, best practices and conventions

View   Edit   Revisions

Last updated July 20, 2015. Created on December 3, 2008.
Edited by venkatadapa, dmfoley, SarahShealy, Heine. You can edit this page, too.

This section presents best practices and conventions for theming Drupal through a discussion of general tools and techniques for developing websites.

Although the information about working with CSS, HTML, and image files is not specific to Drupal, you may find it helpful in getting started with theming.

There is one developer tool of interest to themers: the Theme Developer module (a former sub-module of Devel), which exposes theme API information.

For information on UI standards, see the Drupal UI Guidelines.

Drupal best practices, Click Here

Development tools, Click here

- Creating accessible themes
- Safe theme development
- Theme coding conventions
- Theming the Drupal maintenance page
- Adding your theme to Drupal.org
- Cross-browser testing
- Feature detection
- Modules for theming
- Recommended target browsers
- Related programs and applications
- Creating a screenshot for the appearance page (7.x)
- Creating a screenshot for the administration page
- Making your theme semantically correct
- Doctype, XML, and XHTML

Upgrading a theme to a new version

View   Edit   Revisions

Last updated April 17, 2013. Created on November 21, 2004.
Edited by brst t, Heine, arianek, bekasu. You can edit this page, too.

If you upgrade a site from one version of Drupal to another, you must take specific steps to make your theme compatible with the new version.

Always test the modifications on a separate development server before moving to a production site.

- ▸ Upgrading 7.x themes to 8.x
- ▸ Upgrading 6.x themes to 7.x
- ○ Upgrading 5.x themes to 6.x
- ○ Changes affecting themers in later versions of Drupal

More theming resources and guides

View   Edit   Revisions

Last updated April 11, 2013. Created on May 6, 2011.
Edited by SarahShealy, Heine, Carolyn. You can edit this page, too.

In this section, you will find links to resources and guides on theming.

- ○ Guides and videos on Drupal 7 theming
- ○ Guides and videos on Drupal 6 theming

Theme HowTos

Theme HowTos

Last updated October 24, 2014. Created on May 14, 2005.
Edited by camorim, Heine, SLIU, LeeHunter. You can edit this page, too.

The following section provides a collection of 'How-to' articles on subjects relevant to theme developers. For a selection of useful code samples, see the Theme Snippets section.

- Add Default Menu to node without menu
- Change the favicon
- Clearing floats with class="clear-block"
- Collapsing default fieldsets: Tidying up the theme settings form
- Convert any website layout or template into a Drupal theme - easily!
- Create a Views event list grouped by month
- Create a new custom theme with CSS alone
- Create a web / ipad / facebook page friendly site with the zeropoint theme
- Creating and rendering CSS templates (eg. style.css.php)
- Custom ul list-style
- Customize the User Edit page in Drupal 7 - an example
- Customize the front page template
- Customizing core and/or contributed themes
- Displaying random images
- Dynamic Image Headers through Taxonomy Terms
- Enable submit via Enter key on Ajax forms
- Hide the Node Title on a Page (6.x)
- How To Add Most Recent Blog Entries by User List to Users Profile Page
- How to edit ALT tag on your site logo
- How to use images for NEXT and PREV links
- Image stretch in Internet Explorer
- ▸ Look and feel
- Move the help/description text on node forms
- Moving $tabs to a new region -- made easy
- Overriding Theme Templates in Drupal 6 and 7
- Porting A Joomla Template To Drupal - a simple approach.
- Prototyping XHTML/CSS with Drupal
- Put an HTML non breaking space ( ) in menu items titles
- Recipe for two column block of recent comments
- Rounded Corners in Drupal 7 (jquery corner)
- Static and Dynamic Thumbnails for Facebook
- Style a horizontal login block in the footer
- Subtheming Quick and Dirty
- Theming CCK fields within a content type
- Theming Web-Form
- Tips for designing themes in Dreamweaver, GoLive etc.
- Using the CSS Template module
- Welcome User custom block

Theme snippets

- A guide to adding your own snippets
- ▸ Customizing Blocks
- ▸ Customizing Contributed Modules
- ▸ Full page layout and section-related Snippets
- ▸ Menu-related snippets
- ▸ Node layout and display snippets
- ▸ Theme-switching and CSS-switching by page snippets
- ▸ User login and registration form snippets
- ▸ Customizing the user list layout
- ▸ Customizing the user profile layout
- Customizing blog layouts
- ▸ Customizing the breadcrumbs
- ▸ Customizing the forum
- ▸ Customizing the pager (next, previous navigation)
- ▸ Customizing the search forms
- ▸ Customizing the site logo and name based on path
- Add newlines to theme_item_list
- Add zebra striping classes to menu link items in Drupal 7
- Adding an embedded player for audio in 5.0
- Alternating Teaser Classes
- Block Visibility And Parent Term CSS Class Function
- CSS code you need to know
- Change submit buttons to images for a given form
- Customize node links
- Debugging: display all Drupal variables at the bottom of a page
- Determine what level of the menu hierarchy a page is on
- Disable re-sizable functionality on a textarea
- Embedding CCK content type create form in your page
- Embedding Contact form in a node
- Get correct link to translated version of given node
- How to add a counter to the comments
- How to add an increasing number on each node for a list nodes in a page
- How to display mission on every page?

Core themes

Core themes

Last updated July 3, 2013. Created on March 21, 2011.
Edited by LeeHunter, SarahShealy, Heine, Christopher James Francis Rodgers. You can edit this page, too.

Drupal 7 comes with the following core themes:

Bartik
    This is the default theme in Drupal 7.

Seven
    Designed to be a clean administration theme.

Stark
    This theme contains very little styling. It is designed to show Drupal's default HTML markup and CSS styles.

Garland
    Garland has been a part of Drupal since Drupal 5, and has been updated for Drupal 7 core.

- Bartik
- Seven
- Stark
- Garland

Contributed themes

Contributed themes

Last updated June 4, 2013. Created on November 29, 2007.
Edited by markcarver, Heine, mariolina, mrf. You can edit this page, too.

You can download one of the many community-created themes from the drupal.org site and customize it as much as you want. In fact, some themes have been specifically designed to be used as frameworks for customization or to be extended with sub-themes.

You must install and configure each theme individually on your machine. You should only use a theme that is available for your Drupal version.

The following list is just a sample of some useful themes. More themes are being constantly added to the site. You can find the latest themes in the Drupal contributed themes section.

For a list of recently created or updated themes, see releases tagged with "Themes" term (also available as an RSS feed). You can also display a list of theme project pages sorted by last update.

For information on where to install a theme, see the installing themes page.

NOTE: Not all contributed themes are listed here, and some of these docs have not been updated to the most current theme version. Please help by contributing documentation for those that are not listed here and by updating those that are. When possible, work with the theme contributor to ensure accuracy.

クレジット、謝辞、ライセンス

クレジット

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謝辞

本マニュアル作成は、主に以下のサイトを参考にしました。心より感謝いたします。

出典：　　　https://Drupal.org

ライセンス

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