Drupal™

Drupal 8 のデザイン基礎（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 6 回

開催日　2015 年 12 月 7 日(月)　19:00-21:15

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。

Drupal 8 のデザインの作り方、管理、

Theming Drupal 8　　https://www.drupal.org/theme-guide/8

Theming Drupal 8

View　Edit　Revisions

Last updated November 20, 2015. Created on February 3, 2013.
Edited by guitarbound2015, HongPong, sqndr, wusel. You can edit this page, too.

This guide is about creating themes for Drupal 8.

Quite significant changes were introduced in the theme system between Drupal 8 and 7. This guide contains information that applies to Drupal 8 and refers sometimes to Drupal 7 in order to explain new concepts and approaches.

Outside drupal.org other theming guides can be found, such as sqndr's excellent Drupal 8 theming guide.

PHPTemplate has been discontinued for theming in Drupal 8; the Twig markup language is used instead. This will make Drupal 8 themes much more secure because PHP calls will no longer exist in theme files. This will also make theming easier to understand for non-programmers.

For a collection of useful materials for themers, see Theming and Front End Development with Drupal.

Defining a theme with an .info.yml file

Defining a theme with an .info.yml file

View   Edit   Revisions

Last updated December 2, 2015. Created on October 3, 2014.
Edited by Cottser, wesruv, davidhernandez, JohnAlbin. You can edit this page, too.

To create a Drupal 8 theme you need to first create a THEMENAME.info.yml file that provides meta-data about your theme to Drupal. This is similar to how modules and installation profiles are being defined, and as such it is important to set the 'type' key in the .info.yml file to 'theme' in order to differentiate it.

This page provides an example THEMENAME.info.yml file, and an overview of the information that the file can contain.

Create an .info.yml file

You create the .info.yml file in the root of your theme folder. The folder should have the same name as the .info.yml file. So if your theme is named "Fluffiness" then the folder is named "fluffiness/" and the .info.yml file is named "fluffiness/fluffiness.info.yml". If the file is present your theme will be visible in your website at Manage > Appearance (http://example.com/admin /appearance).

Theme folder structure

Theme folder structure

View   Edit   Revisions

Last updated November 13, 2015. Created on October 3, 2014.
Edited by eojthebrave, Sumit kumar, joelpittet, sphism. You can edit this page, too.

A theme is a collection of files that define the presentation layer. You can also create one or more "sub-themes" or variations on a theme. Only the .info.yml file is required, but most themes and sub-themes will use other files as well. This page lists the files and folders that are found in a typical theme or sub-theme.

Location of themes

You must place themes in the "themes" folder of your Drupal installation. Note that Drupal core themes such as Bartik and Seven are located in the core/themes folder of your installation.

It is good practice to place the contributed themes in a sub folder named "contrib" and your own themes in a folder named "custom".

Twig in Drupal 8

Twig in Drupal 8

View   Edit   Revisions

Last updated October 19, 2014. Created on October 3, 2014.
Edited by batigolix, jOksanen, LoMo. You can edit this page, too.

Twig is a template engine for PHP and it is part of the Symfony2 framework.

In Drupal 8 Twig replaces PHPTemplate as the default templating engine. One of the results of this change is that all of the `theme_*` functions and PHPTemplate based `*.tpl.php` files have been replaced in by `*.html.twig` template files.

- ▸ Working With Twig Templates
- ◦ Comparison of PHPTemplate and Twig theming paradigms
- ▸ Debugging Twig templates
- ◦ Filters - Modifying Variables In Twig Templates
- ◦ Functions - In Twig Templates
- ◦ Twig best practices - preprocess functions and templates

Locating Template Files with Debugging

Locating Template Files with Debugging

View   Edit   Revisions

Last updated November 2, 2015. Created on October 17, 2014.
Edited by Cottser, chrisfree, japo32, brianperry. You can edit this page, too.

If you want to know which template is generating the markup for a particular element, you can use Twig's built in `debug` option. This option will render HTML comments alongside your rendered output that include the theme hooks in use, suggested template filenames, as well as denoting the exact Twig file used to render a particular section of your markup.

You enable Twig debugging in `sites/default/services.yml` by setting `debug: true` under the `twig.config` section. For full instructions on Twig debugging, see Debugging compiled Twig Templates.

Adding Regions to a Theme

Adding Regions to a Theme

View   Edit   Revisions

Last updated November 10, 2015. Created on April 11, 2015.
Edited by ashish_nirmohi, bruvers, squidgle, autopoietic. You can edit this page, too.

Adding regions to a theme requires:

- Adding region meta-data to your THEMENAME.info.yml file
- Editing your page.html.twig file and printing the new regions

Adding Regions to Your Info File

Start by declaring any new regions in your THEMENAME.info.yml file. Regions are declared as children of the `regions` key like so:

```
# Regions
regions:
  header: 'Header'
  content: 'Content'
  footer: 'Footer'
```

Adding stylesheets (CSS) and JavaScript (JS) to a Drupal 8 theme

Adding stylesheets (CSS) and JavaScript (JS) to a Drupal 8 theme

View   Edit   Revisions

Last updated December 4, 2015. Created on March 12, 2014.
Edited by Wim Leers, Paritoshik Paul, thamas, ashish_nirmohi. You can edit this page, too.

In Drupal 8, stylesheets (CSS) and JavaScript (JS) are loaded through the same system for modules (code) and themes, for everything: asset libraries.

Drupal uses a high-level principle: assets (CSS or JS) are still only loaded if you tell Drupal it should load them. Drupal does not load all assets (CSS/JS) on all pages, because this is bad for front-end performance.

Differences compared to Drupal 7

There are four important differences compared to Drupal 7 for themers:

1. We no longer have a `THEME.info` file, but a `THEME.info.yml` file, but it still contains the same data.
2. The `stylesheets` property (for adding CSS assets) in `THEME.info.yml` files no longer exists, because we use only libraries now.
3. The ...... property (for adding JS assets) in THEME info ...l files no longer exists because

Page status

No known proble

Edit this page
Report to moderat

About this pa

Drupal version
Drupal 8.x

Audience
Designers/themer

Level

今月の Drupal デザインテンプレート

Integrity モジュール

ダウンロード　https://www.drupal.org/project/integrity

Bootstrap ベースのデザインテンプレートです

Integrity

Posted by leopathu on *November 19, 2015 at 2:12pm*

Integrity is a Drupal 8 bootstrap multipurpose theme,
Developed for your Business, Corporate, Portfolio.
Its easy to use and fully customize.

Features :

- Based on Bootstrap 3
- 100 % Responsive
- 1/2/3 Column layout support
- Font Awesome
- 17 Regions
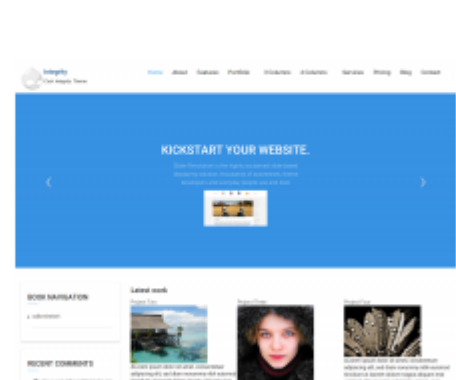
Bootstrap 3 for Drupal モジュール

Bootstrap

View   Version control   Revisions

Posted by markcarver on *May 18, 2008 at 10:15pm*

Features

- **jsDelivr CDN** for "out-of-the-box" styling and faster page load times.
- **Bootswatch** theme support, if using the CDN.
- Glyphicons support via **Icon API**.
- Extensive integration and template/preprocessor overrides for most of the **Bootstrap Framework** CSS, Components and JavaScript
- Theme settings to further enhance the Drupal Bootstrap integration:
    - **Breadcrumbs**
    - **Navbar**
    - **Popovers**
    - **Tooltips**
    - **Wells** (per region)

Documentation

Visit the project's **official documentation site** or the markdown files inside the `./docs` folder.

基本設定

ホーム » 管理 » テーマ » 環境設定   共通の設定   Bartik   **Bootstrap**   Color Glass   Seven

これらのオプションで *Bootstrap* テーマの表示設定をコントロールできます。サイトがこのテーマを使っている際にこの設定が使われます。

Bootstrap Settings

全般 Responsive Images, Responsive Tables	▸ **CONTAINER**
Components Breadcrumbs, Navbar: Normal	▸ **BUTTONS**
JavaScript Popovers, Tooltips	▸ **FORMS**
Advanced CDN provider: *jsDelivr*, 3.3.5	▸ **IMAGES**
	▸ **TABLES**

表示の切り替え

テーマで表示する特定のページ要素を指定してください。チェックを入れたものが表示されます。

Drupal の Bootstrap モジュールのドキュメント   http://drupal-bootstrap.org/api/bootstrap

役立つモジュールの紹介

Panels モジュール

Panels モジュール　　　https://www.drupal.org/project/panels

Panels モジュールは、さまざま用途に応じて、カスタマイズしたレイアウトを作るモジュールです。ページごとに Panels で作成したページを管理できます。

リュージョン、カラムなどを自由に設定できます。
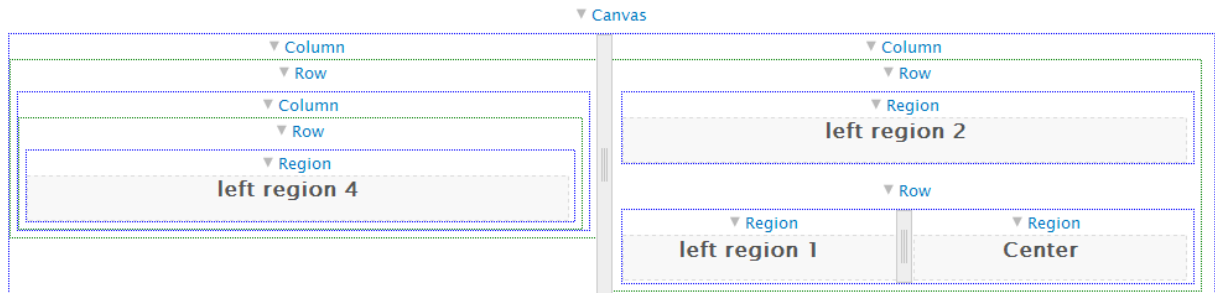
Administrative title

demo pane 1   Machine name: demo_pane_1

This will appear in the administrative interface to easily identify it.

Administrative description

demo

Category

demo

What category this layout should appear in. If left blank the category will be "Miscellaneous".

▼ Canvas

▼ Column ▼ Row ▼ Column ▼ Row ▼ Region
left region 4

▼ Column ▼ Row ▼ Region
left region 2

▼ Row ▼ Region
left region 1

▼ Region
Center

Live preview

[Preview]

[Save] [Delete]

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam egestas congue nibh, vel dictum ante posuere vitae. Cras gravida massa tempor metus eleifend sed elementum tortor scelerisque. Vivamus egestas, tortor quis luctus tristique, sem velit adipiscing risus, et tempus enim felis in massa. Morbi viverra, nisl quis rhoncus imperdiet, turpis massa vestibulum turpis, egestas faucibus nibh metus vel nunc. In hac habitasse platea dictumst. Nunc sit amet nisi quis ipsum tincidunt semper. Donec ac urna enim, et placerat arcu. Morbi eu laoreet justo. Nullam nec velit eu neque mattis pulvinar sed non libero. Sed sed vulputate erat. Fusce sit amet dui nibh.

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam egestas congue nibh, vel dictum ante posuere vitae. Cras gravida massa tempor metus eleifend sed elementum tortor scelerisque. Vivamus egestas, tortor quis luctus tristique, sem velit adipiscing risus, et tempus enim felis in massa. Morbi viverra, nisl quis rhoncus imperdiet, turpis massa vestibulum turpis, egestas faucibus nibh metus vel nunc. In hac habitasse platea dictumst. Nunc sit amet nisi quis ipsum tincidunt semper. Donec ac urna enim, et placerat arcu. Morbi eu laoreet justo. Nullam nec velit eu neque mattis pulvinar sed non libero. Sed sed vulputate erat. Fusce sit amet dui nibh.

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam egestas congue nibh, vel dictum

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam egestas congue nibh, vel dictum

panels 7.x-3.5 X

Panels３の技術ドキュメント(英文)

https://www.drupal.org/node/496278

Panels 3 Documentation

View   Edit   Revisions

Last updated November 2, 2015. Created on June 19, 2009.
Edited by mikenzig, drupalshrek, arshadcn, HongPong. You can edit this page, too.

The Panels module allows a site administrator to create customized layouts for multiple uses. At its core it is a drag and drop content manager that lets you visually design a layout and place content within that layout.

Panels 3 is the most recent version of Panels, and is a significant advance over Panels 2, although its user interface is similar.

Panels 3 is documented in detail and used for Drupal 7 and 8.

- Panels 3: High-Level Overview
- Panels 3: Ad Hoc Help Pages
- Panels 3: Contributed modules
- Panels 3: Theme overrides
- Panels 3: Tutorials

‹ Panels 2 FAQ   up   Panels 3: High-Level Overview ›

Panels を使った Pane モジュール

https://www.drupal.org/project/pane

Pane

View   Version control   Revisions   Automated Testing

Posted by setvik on *November 5, 2012 at 3:44pm*

Translatable custom panels panes with body and optional title, stored as variables.

- Panes exposed as both panels panes and blocks
- Each pane has a body and optional title
- Translatable via i18n's i18n_variable module
- Contextual link to quickly edit or translate
- Stored as variables for easy ctools/features export

7.x-2.x Version

With the 7.x-2.x version Panes have removed the dependency on the Variable API module and switched to having two types of CTools exportables: Containers and Data. Each Container can use exported Data or rely on having Data created in the appropriate
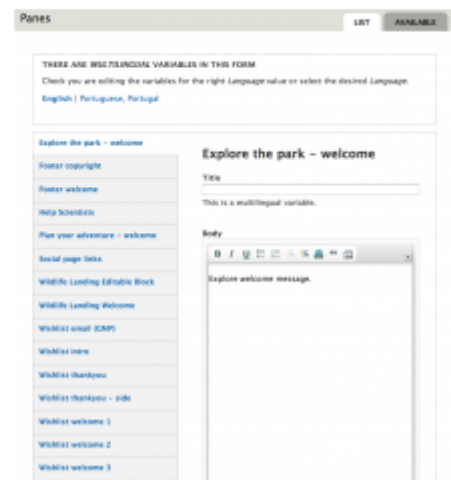
Pane モジュールの使い方（Working with the Pane Module）

https://www.drupal.org/node/2527766

Working with the Pane Module

View   Edit   Revisions

Last updated November 4, 2015. Created on July 7, 2015.
Edited by eldredpe, arh1, mortona2k. You can edit this page, too.

Overview

The Pane module provides translatable custom panels panes with body and optional title, stored as variables.

- Panes exposed as both panels panes and blocks
- Each pane has a body and optional title
- Translatable via i18n's i18n_variable module
- Contextual link to quickly edit or translate
- Stored as variables for easy ctools/features export

For an overview of the module, see Introducing the Pane Module.

Tutorial

This demo requires the Panels, Page Manager (page_manager), and Features modules. (Page Manager is in CTools).

Let's create a home page in panels that you can deploy easily and your client can edit, without overriding Features. This assumes you use Features to deploy and manage your site, pushing config changes via code in git. A common problem with this workflow is that site admins change text, which causes features to be flagged as overridden. Using pane, you can deploy pages in code but allow text to be changed freely.

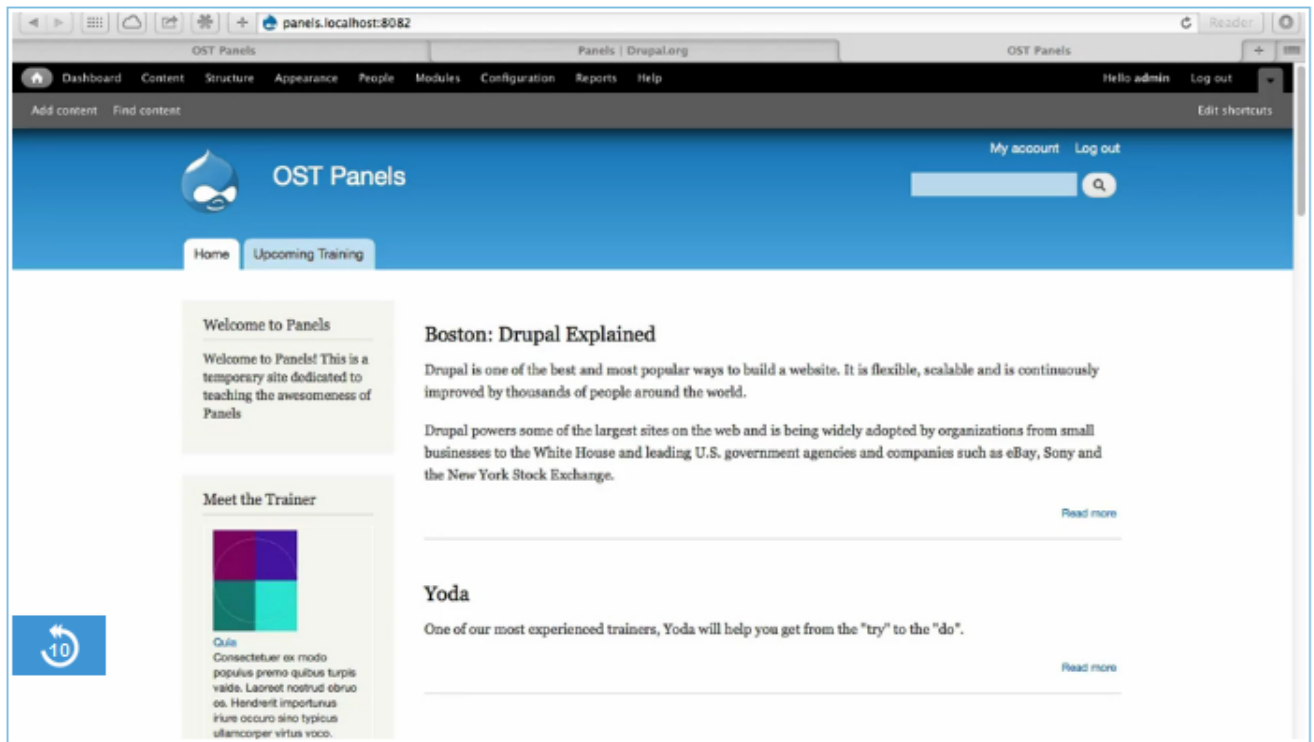1. **Create a new pane**
   Title

   | Home - Intro | Machine name: home_intro [Edit] |

Panels の英文チュートリアル

https://www.ostraining.com/blog/drupal/drupal-panels/

#1. Building a New Homepage

In this first video, we assume that you have already installed and enabled the Panels module. Rod is going to show you how to redesign your site's homepage using Panels:

実習

Simplytest.me サイトで、Drupal 8 に、Bootstrap 3 for Drupal などをインストールして学びます。

次回の予定

1 月のデザインをやさしく学ぶ勉強会は、1 月 13 日(水)、かながわ県民センター707 号室です。内容は、Drupal 8 のテーマについて概要、12 月の続き、1 月時点での Drupal 8 のデザインテンプレートについて、ほか。

クレジット、謝辞、ライセンス

クレジット

このマニュアル作者は、Gennai3 株式会社の程田和義です。

お問合せ　電子メール　hodota@gennai3.co.jp　電話 044-220-1588

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

Drupal は Dries Buytaert による登録商標です。その他本マニュアルで使われている製品および名称については、それぞれの所有者の商標または登録商標です。