

# 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 5 回

開催日 2015 年 11 月 12 日(木) 19:00-21:15

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## 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、Drupal 8 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、Omni、Zen、Adaptivethemes、Bootstrap など学びます。

## 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>

11 月には Adding styles through the API から始めます

<https://www.drupal.org/node/225868>

## Adding styles through the API

*Last updated March 30, 2015. Created on February 23, 2008.*

*Edited by mpgeek, camorim, davidneedham, ksenzee. [Log in to edit this page.](#)*

Adding [styles through the .info file](#) should be sufficient for most themes. Since the .info file is static, style sheets cannot be added dynamically. Depending on how the theme handles style sheets, it may not matter altogether. When in doubt, use the .info file.

There are two API functions for working with style sheets, [drupal\\_add\\_css](#) and [drupal\\_get\\_css](#). Here is an example to dynamically add styles sheets.

*Change the "template" prefix to the name of your theme.*

```
<?php
function template_preprocess_page(&$variables) {
  $front_style = path_to_theme() . '/front-page.css';
```

.info ファイルから設定が読み込まれる

## Live\_css with .less support

Live\_css モジュール ダウンロード [https://www.drupal.org/project/live\\_css](https://www.drupal.org/project/live_css)

### Live CSS

[View](#) [Version control](#) [Revisions](#) [Automated Testing](#)

Posted by [guybedford](#) on *March 8, 2011 at 4:22am*

Edit CSS live within the page, and save the changes back to any css file if you have write access.

Additionally, this module enables the ability to render and perform live editing of [LESS stylesheets](#), included just like css files. Users without the live editing permission will still see properly rendered LESS displayed.

### Live Editing

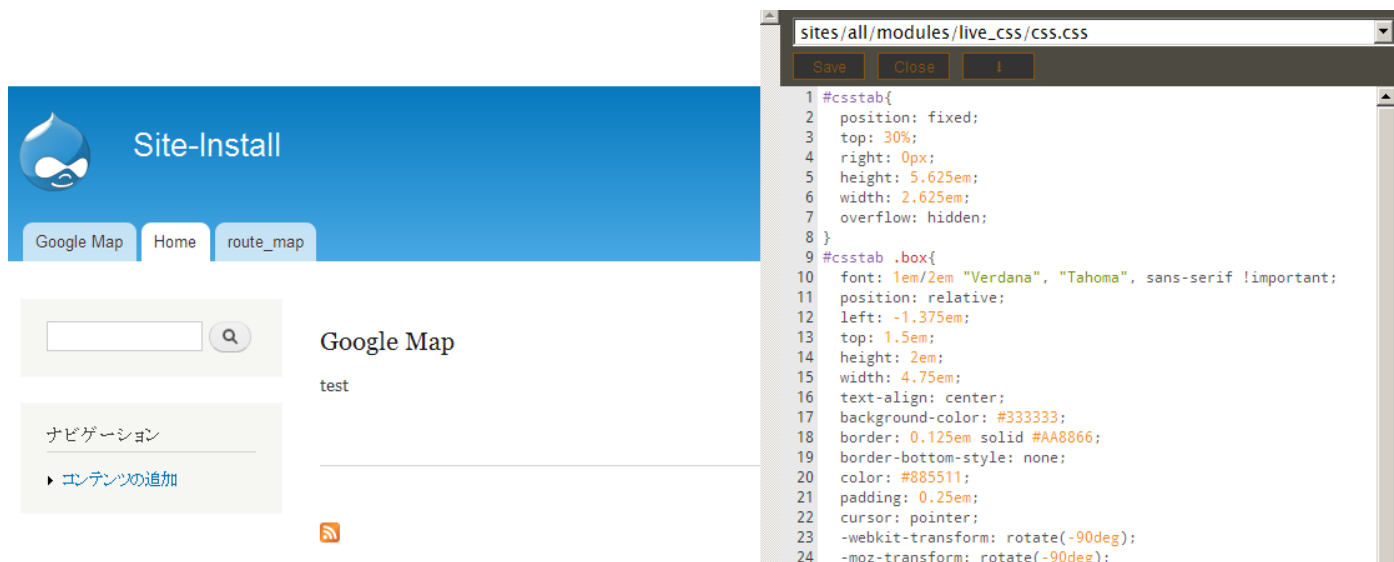
#### Configuration

- Enable the 'Edit CSS' permission.
- Check that php has write access to the necessary css files.
- Ensure CSS caching is disabled

#### Usage

- Once enabled, an 'Edit CSS' tab will show on the side of the page.
- Select the CSS file to edit from the drop down and start making changes. Any css adjustments will be reflected live on the page.
- Once complete, select 'Save' to save the changes back to the site.

インストール後実際の操作画面です。CSS 編集後、ファイル保存の権限があれば、CSS ファイルを保存できます。



フォントサイズを変更した場合、保存すると公開サイトも変更になります。



稼働中の Drupal サイトで CSS で変更するモジュールで CSS Injector モジュールがあります。

Drupal 8 への対応は予定がないそうです。 [https://www.drupal.org/project/css\\_injector](https://www.drupal.org/project/css_injector)

## CSS Injector

[View](#) [Version control](#) [Revisions](#) [Automated Testing](#)

Posted by [eaton](#) on December 12, 2007 at 1:40pm

**IMPORTANT:** There is currently a bug in Pantheon's backup process that will skip any file or directory starting with 'css' including the CSS Injector files that are saved in a `css_injector` directory. If you are using CSS Injector 1.x on Pantheon, you will lose the actual CSS from each configuration if you restore from a backup until this issue is resolved.

Allows administrators to inject CSS into the page output based on configurable rules. It's useful for adding simple CSS tweaks without modifying a site's official theme. The CSS is added using Drupal's standard `drupal_add_css()` function and respects page caching, etc. The 2.x branch leverages CTools so CSS can be included with Feature changes (ie. CSS that improves the look of a View can be packaged with the View).

This module is *definitely* not a replacement for full-fledged theming, but it provides site administrators with a quick and easy way of tweaking things without diving into full-fledged theme hacking.

**PLEASE NOTE:**

## Sass techniques and tools

Debian Linux で compass が Ruby2 ではインストールできなかったなので簡単に

## Sass techniques and tools

*Last updated January 26, 2015. Created on February 10, 2013.*

*Edited by [noeticforce](#), [Manjit.Singh](#), [camorim](#), [rootwork](#). [Log in to edit this page](#).*

**Sass** is a meta-language on top of CSS that's used to describe the style of a document cleanly and structurally, with more power than flat CSS allows.

Sass provides a simpler, more elegant syntax for CSS and implements various features that are useful for creating manageable stylesheets -- such as variables, functions, nested rules and more. See the [Sass documentation](#) for details.

**Compass** is an open-source Sass framework. It includes common design patterns such as setting vertical rhythm and converting between pixels and ems, as well as tools like automatic browser-prefixing of CSS3 rules. Compass is an extension to Sass, but is not required

## Standard Drupal core styles and classes

# Standard Drupal core styles and classes

*Last updated January 20, 2015. Created on March 2, 2009.*

*Edited by [botanic\\_spark](#), [camorim](#), [batigolix](#), [Rostislav Sergeenkov](#). [Log in to edit this page](#).*

Drupal core takes a modular approach to CSS classes for standard page elements. A number of classes occur throughout a Drupal site. This list is meant as a quick crib sheet for remembering which classes mean what and occur where. A complete list of classes in Drupal 6 core can be found in the [Zen](#) starter kit (STARTERKIT/css/drupal6-reference.css) and should be merged into this document.

Note: themes you download may alter these classes, and add further ones.

## Page elements

### **.menu**

All menu trees get this class, such as the navigation menu.

### **.block**

All blocks. See <http://drupal.org/node/104319> for more on styling blocks.

### **.links**

**Block について**      <https://www.drupal.org/node/104319>

# Theming blocks individually, by region, or by module

*Last updated October 24, 2014. Created on December 20, 2006.*

*Edited by [camorim](#), [batigolix](#), [Delphine Lepers](#), [jamix](#). [Log in to edit this page](#).*

Designers can create multiple tpl.php files for blocks based on the specific block, the module that created the block, or the region that the block appears in.

## Template suggestions

### Drupal 7

In Drupal 7 template files are searched in the following order:

- block--block--[block-id].tpl.php
- block--[module]--[delta].tpl.php
- block--[module].tpl.php
- block--[region].tpl.php
- block.tpl.php

## ***Drupal 7 Template (Theme Hook) Suggestions***

<https://www.drupal.org/node/1089656>

# Drupal 7 Template (Theme Hook) Suggestions

*Last updated September 18, 2015. Created on March 11, 2011.*

*Edited by [martinjbaker](#), [Cottser](#), [Wtower](#), [camorim](#). [Log in to edit this page](#).*

A theme hook suggestion is an alternate template (.tpl.php) file that you have created to override the base or original template file.

## Theme debug mode

As of [Drupal 7.33](#), Drupal core has a [theme debug mode](#) that can be enabled and disabled via the `theme_debug` variable and is very helpful when working with template suggestions.

## Custom Theme Hook Suggestions

Custom suggestions beyond the ones listed below can be created. See the page [Working with template suggestions](#).

## Default Theme Hook Suggestions in Core

**`block--[region][module|--delta]].tpl.php`**

base template: *`block.tpl.php`*

## ***Core Block CSS IDs***

<https://www.drupal.org/node/778884>



# Core Block CSS IDs

*Last updated March 1, 2011. Created on April 22, 2010.*

*Edited by [aspilicious](#), [admin7](#), [ogi](#), [NonProfit](#). [Log in to edit this page](#).*

Drupal Core generates a number of blocks, each with a unique CSS ID. In Drupal 7, many of the core block IDs have changed so they more clearly indicate the purpose of the block.

## Active forum topics

Drupal 6: block-forum-0

Drupal 7: block-forum-active

## Author information

Drupal 6: block-profile-0

Drupal 7: block-profile-author-information

## Mission statement and highlighted region

<https://www.drupal.org/node/779016>

# Mission statement and highlighted region

*Last updated March 1, 2011. Created on April 22, 2010.*

*Edited by [aspilicious](#), [admin7](#), [David\\_Rothstein](#), [Scott J.](#) [Log in to edit this page](#).*

## Drupal 6.x

In Drupal 6, the page template receives a special variable called `$mission`. This contains the mission statement, displaying it on the front page. Drupal 6 themes also had an option on the theme settings page to toggle this functionality.

*In `.info`:*

```
features[] = mission
```

*In `page.tpl.php`:*

```
<?php print $mission; ?>
```

## Drupal 7.x

Drupal 7 removes the mission setting (and the option toggle) in favor of the more general custom block placement in regions. Drupal 7 core themes now include a region named 'highlighted' which uses the same display as D6's mission statement area. Whether this region has content now depends on administrators setting block placement, and is no longer limited to the front page.

## Assigning content to regions

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

# Assigning content to regions

*Last updated March 6, 2015. Created on August 28, 2007.*

*Edited by [NonProfit](#), [jwilson3](#), [Tomark](#), [DSquaredB](#). [Log in to edit this page](#).*

If none are defined, the following values are assumed in Drupal 6.

```
regions[left] = Left sidebar
regions[right] = Right sidebar
regions[content] = Content
regions[header] = Header
regions[footer] = Footer
```

Drupal 7 adds Highlighted and Help as default regions. By default, the textual content of the Help region is the same as the \$help variable was in page.tpl.php for Drupal 6. The "machine" readable names of the sidebars have also changed names.

## Primary and Secondary links renamed to Main and Secondary menu

<https://www.drupal.org/node/778906>

プライマリーとセカンダリーリンクがメインとセカンダリーメニューという名前になりました。

# Primary and Secondary links renamed to Main and Secondary menu

Last updated November 2, 2012. Created on April 22, 2010.  
Edited by [drupalshrek](#), [aspilicious](#), [admin7](#), [Tor Arne Thune](#). [Log in to edit this page.](#)

Primary and Secondary links have been renamed to Main and Secondary menu. Themes which support these options will need to be updated to use the new variable names:

## 6.x: page.tpl.php

```
<div id="menu">
  <?php if (isset($secondary_links)) { ?<?php print theme('links', $secondary_links,
array('class' => 'links', 'id' => 'subnavlist')); ?><?php } ?>
  <?php if (isset($primary_links)) { ?<?php print theme('links', $primary_links,
array('class' => 'links', 'id' => 'navlist')) ?><?php } ?>
</div>
```

## 7.x: page.tpl.php

```
<?php if ($main_menu || $secondary_menu): ?>
  <div id="navigation"><div class="section">
    <?php print theme('links__system_main_menu', array('links' => $main_menu,
'attributes' => array('id' => 'main-menu', 'class' => array('links', 'inline',
'clearfix')), 'heading' => t('Main menu'))); ?>
    <?php print theme('links__system_secondary_menu', array('links' =>
$secondary_menu, 'attributes' => array('id' => 'secondary-menu', 'class' =>
array('links', 'inline', 'clearfix')), 'heading' => t('Secondary menu'))); ?>
  </div></div> <!-- /.section, /#navigation -->
<?php endif; ?>
```

You will also need to make the appropriate variable name changes if your theme's theme.info is

## Page status

Needs updating

[Log in to edit this page](#)

## About this page

**Drupal version**  
Drupal 6.x, Drupal 7.x

**Audience**  
Programmers, Designers

### Theming Guide

- ▶ Theming Drupal 8
- ▼ Theming Drupal 6 and 7
  - ▶ How the Drupal theming system works
  - ▶ Working with CSS
  - ▶ Working with JavaScript
  - ▶ Advanced theming
  - ▶ Core templates and preprocessors
  - Drupal User Profile
  - Contact Fields
- ▼ Overriding themes

## Taxonomy

<https://www.drupal.org/node/778922>

## Taxonomy

Last updated March 1, 2011. Created on April 22, 2010.  
Edited by [aspilicious](#), [admin7](#), [NonProfit](#). [Log in to edit this page.](#)

Drupal offers Taxonomy, a core feature allowing users to tag content.

- Unrendered taxonomy links no longer available as a separate variable in node.tpl.php files

|                                                                  |    |                                                                                              |
|------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------|
| ◀ Primary and Secondary links renamed to Main and Secondary menu | up | Unrendered taxonomy links no longer available as a separate variable in node.tpl.php files ▶ |
|------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------|

## Unrendered taxonomy links no longer available as a separate variable in node.tpl.php files

<https://www.drupal.org/node/778926>

## Unrendered taxonomy links no longer available as a separate variable in node.tpl.php files

*Last updated March 1, 2011. Created on April 22, 2010.*

*Edited by [aspilicious](#), [admin7](#), [daphshez](#), [Tor Arne Thune](#). [Log in to edit this page](#).*

In Drupal 6, node.tpl.php files could use the \$taxonomy variable if they needed access to an array of unrendered taxonomy links associated with the current node.

In Drupal 7, this is no longer the case. Instead, all links have been moved into the \$node object. The array of unrendered taxonomy links can now be found in \$node->content['links']['terms']['#value'] instead. (Note that this array should be used with caution, since the text contained within it has not been escaped to prevent XSS attacks.)

### Page status

Needs technical review

[Log in to edit this page](#)

### About this page

## Menu theming

<https://www.drupal.org/node/988842>

## Menu theming

*Last updated March 1, 2011. Created on December 4, 2010.*

*Edited by [aspilicious](#), [admin7](#), [Tor Arne Thune](#), [ogi](#). [Log in to edit this page](#).*

The new [theme\\_links\(\\$variables\)](#) function in D7 receives only an associative array to build the entire link structure. As you can read in the documentation, your links should be passed through the *links* argument as an associative array, but does not describe where and/or how you get this array.

## API として *function theme\_links*

[https://api.drupal.org/api/drupal/includes!theme.inc/function/theme\\_links/7](https://api.drupal.org/api/drupal/includes!theme.inc/function/theme_links/7)

## function theme\_links

```
7 theme.inc theme_links($variables)
4.6 theme.inc theme_links($links, $delimiter = ' | ')
4.7 theme.inc theme_links($links, $delimiter = ' | ')
5 theme.inc theme_links($links, $attributes = array('class' => 'links'))
6 theme.inc theme_links($links, $attributes = array('class' => 'links'))
```

Returns HTML for a set of links.

### Parameters

## Overriding a menu in a block or template file

<https://www.drupal.org/node/988694>

## Overriding a menu in a block or template file

*Last updated March 31, 2015. Created on December 3, 2010.*

*Edited by [biglazy](#), [NonProfit](#), [Wtower](#), [mradcliffe](#). [Log in to edit this page](#).*

### Menu Links

For Drupal 7, in almost all themes, menu links are displayed by calling `theme('links__system_main_menu')`. However, if you search for this specific function in Drupal API, you will not find it, and may be confused.

The answer to the confusion is that `links__system_main_menu` is not an actual function, but a pattern. A pattern, like `page__article`. In this pattern, the theming engine will look for this `theme_...` function, and if not found, it will use the standard `theme('links')` from the `theme.inc` file. This is what happens in most cases, when this function is called when rendering your menu.

## The theme registry for special cases

<https://www.drupal.org/node/223463>

# The theme registry for special cases

*Last updated March 1, 2011. Created on February 18, 2008.*

*Edited by [aspilicious](#), [admin7](#), [Tor Arne Thune](#), [xenophyle](#). [Log in to edit this page](#).*

You should be familiar with the [purpose](#) of the theme registry before continuing on this page. The instructions here will cover how to manually register a theming hook and explain how it can be [manipulated](#).

## About overriding themable output

<https://www.drupal.org/node/173880#theme-registry>

テーマの表示ルールなど

## About overriding themable output

*Last updated March 30, 2015. Created on September 7, 2007.*

*Edited by [standingtall](#), [Cottser](#), [gaele](#), [er.pushpinderrana](#). [Log in to edit this page](#).*

*The following only applies when the default markup needs changes. This section can be skipped if the presentation is handled only through [style sheets](#).*

There are three aspects to overriding the themed output. The first is knowing where the [source originates](#), the second is providing the [override](#), and third is understanding its [type](#).

*Note that Drupal maintains cached theming data through the [theme registry](#). **It must be cleared when setting up overrides.***

## Working with template suggestions

<https://www.drupal.org/node/223440>

# Working with template suggestions

*Last updated August 27, 2015. Created on February 18, 2008.  
Edited by [latikas](#), [MJCO](#), [Cottser](#), [jenlampton](#). [Log in to edit this page](#).*

Template suggestions are alternate templates based on existing .tpl.php files. These suggestions can be used when a specified condition is met and the suggested template exists. All layers from core, modules, theme engines and themes can provide the suggestions. You can think of the suggestions as *naming hints* telling the system to pick and choose based on the right circumstances. The idea is simple but it is a powerful feature providing another layer of customization.

Drush コマンドでデバックモードの ON/OFF が設定できる。表示されたページのソースで確認できます。

## Drupal 7

### Theme debug mode

As of [Drupal 7.33](#), Drupal core has a theme debug mode that can be enabled and disabled via the `theme_debug` variable. Theme debug mode can be used to see possible template suggestions and the locations of template files right in your HTML markup (as HTML comments). To enable it, add this line to your settings.php:

```
$conf['theme_debug'] = TRUE;
```

You can enable it with drush using:

```
drush vset theme_debug 1
```

And disable using

```
drush vset theme_debug 0
```

You'll then see output like this when you inspect or view source:

## Architectural view of theming

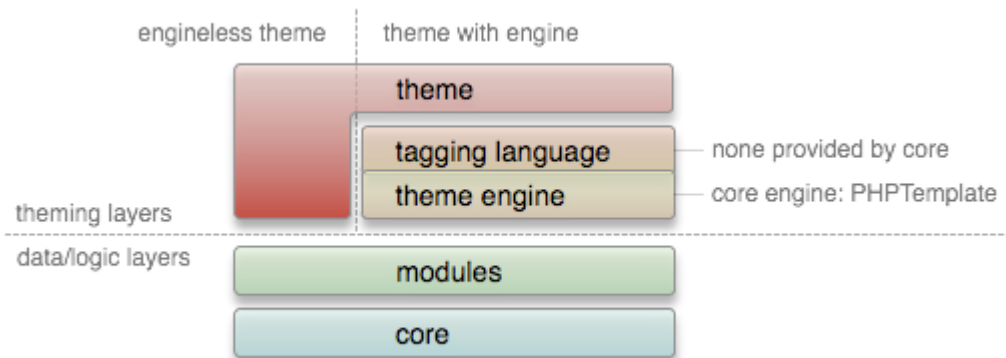
<https://www.drupal.org/node/171188>

# Architectural view of theming

*Last updated January 3, 2010. Created on August 28, 2007.*

*Edited by [moshe weitzman](#), [bekasu](#), [LeeHunter](#), [O Govinda](#). [Log in to edit this page](#).*

This page provides background information on the underlying architecture of theming. It will be of interest to people who need a deeper understanding of how overrides work.





# 今月の Drupal デザインテンプレート

## Color Glass モジュール

ダウンロード [https://www.drupal.org/project/color\\_glass](https://www.drupal.org/project/color_glass)

Bootstrap ベースのデザインテンプレートですが、Drupal の bootstrap モジュールのサブテーマではありません。

必要なモジュールは jQuery Update [https://www.drupal.org/project/jquery\\_update](https://www.drupal.org/project/jquery_update)

## Color Glass

[View](#) [Version control](#) [Revisions](#)

Posted by [quardz](#) on June 4, 2015 at 11:06pm

Color Glass is Bootstrap powered, Flat-color, Modern, responsive and color-able drupal template. It is not sub-theme of [bootstrap](#), but borrowed most of the codes from it and other 2 templates and merged into one.

The goal of the theme is reduce theme dependency and installation hurdle. And brings the beauty of Flat colors to drupal and With more options.

### Features

- Bootstrap 3 and Fontawesome as CDN
- Flat colors
- Colorable with color module
- Integrates with most of the Bootstrap css and JS components

### Minimum Requirements

- jQuery - 1.9.0+, use [jquery update](#) module

### Installation

1. Install the Color glass theme in sites/all/themes or a similar sites/\*/themes folder.
2. Ensure that jQuery has been configured to meet Bootstrap's minimum version requirement.

### Supporting organizations:

[CMS Bots](#)



# 役立つモジュールの紹介

## 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

|                                                          |                  |
|----------------------------------------------------------|------------------|
| <b>全般</b><br>Responsive Images, Responsive Tables        | <b>CONTAINER</b> |
| <b>Components</b><br>Breadcrumbs, Navbar: Normal         | <b>BUTTONS</b>   |
| <b>JavaScript</b><br>Popovers, Tooltips                  | <b>FORMS</b>     |
| <b>Advanced</b><br>CDN provider: <i>jsDelivr</i> , 3.3.5 | <b>IMAGES</b>    |
|                                                          | <b>TABLES</b>    |

**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 Bootstrap Documentation

Function, file, or topic 

## Drupal Bootstrap Documentation

[7.x-3.0](#) [7.x-3.1](#) [7.x-3.x](#) [8.x-3.x](#)

The official documentation site for the [Drupal Bootstrap](#) base theme

The majority of this site is automatically generated from source files located through out the project's repository. Topics are extracted from Markdown files and the rest is extracted from embedded PHP comments.

### Topics

Below are some topics to help get you started using the [Drupal Bootstrap](#) base theme. They are ordered based on the level one typically progresses while using a base theme like this.

[FAQ](#)  
[Getting Started](#)

| Topics     | 15  |
|------------|-----|
| Functions  | 129 |
| Files      | 90  |
| Constants  | 5   |
| Deprecated | 5   |

Projects ▾

## 実習

Simplytest.me サイトで、Drupal 7 に、Live CSS、テンプレートの Color Glass、Bootstrap 3 for Drupal などインストールして学びます。

## 次回の予定

12 月のデザインをやさしく学ぶ勉強会は、12 月 7 日(月)、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、Panels の Drupal 8 版が、11 月 12 日現在、alpha18 です。12 月には進展していると思いますので。

Panels モジュール ダウンロード <https://www.drupal.org/project/panels>

### Recommended releases



This module has a pre-release version for Drupal 8. To find out more, follow this [issue](#) or download below.

| Version  | Download                                                             | Date        |
|----------|----------------------------------------------------------------------|-------------|
| 7.x-3.5  | <a href="#">tar.gz</a> (345.86 KB)   <a href="#">zip</a> (425.12 KB) | 2015-Jan-28 |
| 6.x-3.10 | <a href="#">tar.gz</a> (335.1 KB)   <a href="#">zip</a> (410.54 KB)  | 2012-Jan-18 |

### Other releases

| Version         | Download                                                             | Date        |
|-----------------|----------------------------------------------------------------------|-------------|
| 8.x-3.0-alpha18 | <a href="#">tar.gz</a> (346.93 KB)   <a href="#">zip</a> (431.02 KB) | 2015-Nov-04 |

### Development releases

| Version     | Download                                                             | Date        |
|-------------|----------------------------------------------------------------------|-------------|
| 8.x-3.x-dev | <a href="#">tar.gz</a> (348.47 KB)   <a href="#">zip</a> (433.86 KB) | 2015-Nov-10 |
| 7.x-3.x-dev | <a href="#">tar.gz</a> (346.77 KB)   <a href="#">zip</a> (426.51 KB) | 2015-Oct-23 |
| 6.x-3.x-dev | <a href="#">tar.gz</a> (336.49 KB)   <a href="#">zip</a> (410.56 KB) | 2013-Oct-01 |

## クレジット、謝辞、ライセンス

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出典 : <https://Drupal.org>

### ライセンス

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