

Display Suite

Display Suite allows you to take full control over how your content is displayed using a drag and drop interface. Arrange your nodes, views, comments, user data etc. the way you want without having to work your way through dozens of template files.

Installation

First of all, open <https://www.drupal.org/project/og> . Scroll down and look for “Downloads” section.

Copy link location for the zip file associated with installed drupal version.

Now, Open “**Modules**” → “**Install new module**” from drupal admin.

The screenshot shows the Drupal administration interface for the 'Modules' section. At the top, there is a navigation bar with links like 'Dashboard', 'Content', 'Structure', 'Appearance', 'People', 'Modules', 'Configuration', 'Reports', and 'Help'. The 'Modules' link is highlighted. On the right of the navigation bar, it says 'Hello admin' and 'Log out'. Below the navigation bar, there is a breadcrumb trail: 'Home > Administration > Modules'. The main heading is 'Modules' with a dropdown arrow. To the right of the heading are three buttons: 'LIST', 'UPDATE', and 'UNINSTALL'. Below this, a message states: 'You can find [modules](#) and [themes](#) on [drupal.org](#). The following file extensions are supported: *zip tar gz bz2*.' There are two installation methods shown. The first is 'Install from a URL' with a text input field and an example URL: 'http://ftp.drupal.org/files/projects/name.tar.gz'. The second is 'Or Upload a module or theme archive to install' with a 'Browse...' button and the text 'No file selected.' and an example: 'name.tar.gz from your local computer'. At the bottom, there is an 'Install' button.

Paste the copied link in “Install from a URL” textbox.
Then, click on “Install” button.

Now, enable modules from modules page.

Usage of Display Suite

Open Structure → Display Suite.

The screenshot shows the 'Display Suite' configuration page in a Drupal administration interface. The breadcrumb trail is 'Home » Administration » Structure'. The page title is 'Display Suite'. There are tabs for 'DISPLAYS', 'VIEW MODES', 'FIELDS', and 'CSS CLASSES'. Below these are buttons for 'List', 'Extras', 'Search', and 'Emergency'. The main content area is a table with two columns: 'CONTENT' and 'OPERATIONS'. The table lists various content types and their corresponding operations.

CONTENT	OPERATIONS
Article	Manage display - Manage form
Basic page	Manage display - Manage form
Group	Manage display - Manage form
Group content	Manage display - Manage form
OG MEMBERSHIP	Manage display - Manage form
og_membership_type_default	Manage display - Manage form
TAXONOMY TERM	Manage display - Manage form
Tags	Manage display - Manage form
USER	Manage display - Manage form
User	Manage display - Manage form
COMMENT	Manage display - Manage form
Article comment	Manage display - Manage form
Basic page comment	Manage display - Manage form
Group comment	Manage display - Manage form
Group content comment	Manage display - Manage form

You can see Manage fields for all content types, user, comment, taxonomy.
Click on Article → Manage Display → Full content to change display settings for Article nodes.
We have added Field1, Field2, Field3, Field4 in Article → Manage Fields page.

The screenshot shows the 'Article Manage Display' settings page. The breadcrumb trail is 'Home » Administration » Structure » Content types » Article » Manage display'. The page title is 'Article'. There are tabs for 'EDIT', 'MANAGE FIELDS', 'MANAGE DISPLAY', 'COMMENT FIELDS', and 'COMMENT DISPLAY'. The 'MANAGE DISPLAY' tab is selected. Below the tabs are buttons for 'Default' and 'Full content'. A green message box says 'Your settings have been saved.' Below this is a table with columns 'FIELD', 'LABEL', and 'FORMAT'. The table lists various fields and their settings. At the bottom, there is a section for 'Layout for article in full' with a dropdown menu for 'Select a layout'. The dropdown menu is highlighted with a red box, and it shows '- None -' as the selected option. A note below the dropdown says 'A layout must be selected to enable Display Suite functionality.'

FIELD	LABEL	FORMAT
Body	<Hidden>	Default
Image	<Hidden>	Image
Tags	Above	Link
Field 1	<Hidden>	Default
Field 2	<Hidden>	Default
Field 3	<Hidden>	Default
Field 4	<Hidden>	Default

Hidden
No field is hidden.

Layout for article in full

Select a layout
- None -
A layout must be selected to enable Display Suite functionality.

Save

Select Layout, which you want to display for Article nodes from dropdown. Here we have selected “Three columns – 25/50/25”. Save the changes.

The region related to selected layout is displayed now.

Dashboard Content **Structure** Appearance People Modules Configuration Reports Help Hello admin Log out

Home » Administration » Structure » Content types » Article » Manage display

Article

EDIT MANAGE FIELDS **MANAGE DISPLAY** COMMENT FIELDS COMMENT DISPLAY

Default Full content [Show row weights](#)

FIELD	REGION	LABEL	FORMAT
Left			
+ Body	Left	<Hidden>	Default
+ Image	Left	<Hidden>	Image <small>Image style: Large (480x480)</small>
+ Comments	Left	<Hidden>	Default
+ Tags	Left	Above	Link #
+ Field 1	Left	<Hidden>	Default
+ Field 2	Left	<Hidden>	Default
+ Field 3	Left	<Hidden>	Default
+ Field 4	Left	<Hidden>	Default
Middle			
No fields are displayed in this region			
Right			
No fields are displayed in this region			
Disabled			
+ Last modified	Disabled	<Hidden>	Long
+ Submitted by	Disabled	<Hidden>	Time ago
+ User picture	Disabled	<Hidden>	Thumbnail
+ Post date	Disabled	<Hidden>	Long
+ Author	Disabled	<Hidden>	Author
+ Title	Disabled	<Hidden>	Default
+ Links	Disabled	<Hidden>	Default
+ Read more	Disabled	<Hidden>	Default
+ test123	Disabled	<Hidden>	Default

Layout for article in full

Custom wrappers

Custom classes

Custom fields

Current layout

Three column – 25/50/25

The default template can be found in `sites/all/modules/ds/layouts/ds_3col`

- `ds-3col--node.tpl.php`
- `ds-3col--node-full.tpl.php`
- `ds-3col--node-article.tpl.php`
- `ds-3col--node-article-full.tpl.php`

Select a layout

Three column - 25/50/25

This layout is defined in code: [disable layout](#).

Save

All layout files are in `sites/all/modules/ds/layout` folder.

Three regions are displayed here for “ Three column – 25/50/25” layout. For all layouts, number and Names of the region are different.

Now, we are moving fields to regions.

Dashboard

Content

Structure

Appearance

People

Modules

Configuration

Reports

Help

Hello admin

Log out

Article

EDIT

MANAGE FIELDS

MANAGE DISPLAY

COMMENT FIELDS

COMMENT DISPLAY

Default

Full content

[Show row weights](#)

FIELD	REGION	LABEL	FORMAT
Left			
<div><div></div>Field 1</div>	<div>Left</div>	<div><Hidden></div>	<div>Default</div>
<div><div></div>Field 2</div>	<div>Left</div>	<div><Hidden></div>	<div>Default</div>
Middle			
<div><div></div>Body</div>	<div>Middle</div>	<div><Hidden></div>	<div>Default</div>
<div><div></div>Image</div>	<div>Middle</div>	<div><Hidden></div>	<div>Image</div> <div>Image style: Large (480x480)</div>
Right			
<div><div></div>Field 3</div>	<div>Right</div>	<div><Hidden></div>	<div>Default</div>
<div><div></div>Field 4</div>	<div>Right</div>	<div><Hidden></div>	<div>Default</div>
Disabled			
<div><div></div>Post date</div>	<div>Disabled</div>	<div><Hidden></div>	<div>Long</div>
<div><div></div>Last modified</div>	<div>Disabled</div>	<div><Hidden></div>	<div>Long</div>

Now create one article, and open the page.

DashboardContentStructure**Appearance**PeopleModulesConfigurationReportsHelp

Hello adminLog out

Home

Home

Navigation

Add content


admin's groups

Group	Member since
First Group	1 day 22 hours ago

Article One

ViewEditManage display

Content in Field1
Content in Field2

This is a first Article in Drupal


Content in Field3
Content in Field4

LeftMiddleRight

Here, fields are displayed in three columns.

Thus, you can select any layout and display content as per your design requirement.

You can add custom classes, custom fields, and custom wrappers in layout.

Wrappers

The screenshot shows the 'Structure' configuration page in Drupal. The top navigation bar includes 'Dashboard', 'Content', 'Structure' (active), 'Appearance', 'People', 'Modules', 'Configuration', 'Reports', and 'Help'. A user bar on the right shows 'Hello admin' and a 'Log out' link. Below the navigation bar is a table with columns: FIELD, REGION, LABEL, and FORMAT. The table contains two rows: 'Comments' and 'Tags'. Below the table, there are four links: 'Layout for article in full', 'Custom wrappers', 'Custom classes', and 'Custom fields'. The 'Custom wrappers' link is selected, leading to a configuration page. This page has a heading 'Choose a wrapper. All Display Suite layouts support this option.' and four sections: 'Wrapper for Left', 'Wrapper for Middle', 'Wrapper for Right', and 'Layout wrapper'. Each section has a 'Div' dropdown menu. Below these sections is a 'Layout attributes' field with a text input and a hint 'E.g. role="navigation"'. At the bottom is an 'Add link' section with a text input and a 'Link' dropdown menu.

You can select different wrapper for different regions from Custom Wrappers. You can also add attributes in the wrapper from “Layout attributes” field.

Classes

The screenshot shows the 'Structure' configuration page in Drupal. The top navigation bar is the same as the previous screenshot. Below the navigation bar is a table with columns: FIELD, REGION, LABEL, and FORMAT. The table contains seven rows: 'Author', 'Read more', 'test123', 'Title', 'Links', 'Comments', and 'Tags'. Below the table, there are four links: 'Layout for article in full', 'Custom wrappers', 'Custom classes', and 'Custom fields'. The 'Custom classes' link is selected, leading to a configuration page. This page has a heading 'You have not defined any CSS classes which can be used on regions.' and a red-bordered button labeled 'Manage region and field CSS classes'. Below the button is a 'Save' button.

If no class is created then click on “Manage region and field CSS classes”.

The screenshot shows the 'CSS CLASSES' tab in the Display Suite configuration interface. It is divided into two sections: 'CSS classes for regions' and 'CSS classes for fields'. Each section contains a text area for entering CSS classes, a scroll bar, and a configuration instruction. The instruction states: 'Configure CSS classes which you can add to regions on the "manage display" screens. Add multiple CSS classes line by line. If you want to have a friendly name, separate class and friendly name by |, but this is not required. eg: class_name_1, class_name_2|Friendly name, class_name_3'. In the 'regions' section, the text area contains 'class_region_1', 'class_region_2', and 'class_region_3'. In the 'fields' section, it contains 'class_field_1', 'class_field_2', and 'class_field_3'.

CSS classes for regions

class_region_1
class_region_2
class_region_3

Configure CSS classes which you can add to regions on the "manage display" screens. Add multiple CSS classes line by line. If you want to have a friendly name, separate class and friendly name by |, but this is not required. eg:
class_name_1
class_name_2|Friendly name
class_name_3

CSS classes for fields

class_field_1
class_field_2
class_field_3

Configure CSS classes which you can add to fields on the "manage display" screens. Add multiple CSS classes line by line. If you want to have a friendly name, separate class and friendly name by |, but this is not required. eg:
class_name_1
class_name_2|Friendly name
class_name_3

You can add classes for region and fields same like in image (one class per line). Save the changes.

You can see the classes in selection box for every region.

The screenshot shows the 'Manage region and field CSS classes' configuration page. On the left is a sidebar with links: 'Layout for article in full', 'Custom wrappers', 'Custom classes', and 'Custom fields'. The main content area has four sections, each with a dropdown menu for selecting CSS classes: 'Class for layout', 'Class for left', 'Class for middle', and 'Class for right'. Each dropdown menu has 'None' selected and shows a list of available classes: 'class_region_1', 'class_region_2', and 'class_region_3'. At the bottom, there is a link that says 'Manage region and field CSS classes'.

Layout for article in full

Custom wrappers

Custom classes

Custom fields

Class for layout

None
class_region_1
class_region_2
class_region_3

Class for left

None
class_region_1
class_region_2
class_region_3

Class for middle

None
class_region_1
class_region_2
class_region_3

Class for right

None
class_region_1
class_region_2
class_region_3

[Manage region and field CSS classes](#)

Select classes for all regions and save.

Now, you are able to add css using new classes.

Fields

Click on Custom Classes tab.

The screenshot shows the 'Structure' tab in the Drupal administration interface. A table lists existing fields with columns for FIELD, REGION, LABEL, and FORMAT. Below the table, there are links for 'Layout for article in full', 'Custom wrappers', 'Custom classes', and 'Custom fields'. A section titled 'Click on one of the buttons to create a new field.' contains four buttons: 'Add a code field', 'Add a dynamic field', 'Add a block field', and 'Add a preprocess field'. A 'Manage fields' link is also present. At the bottom, there is a 'Save' button.

FIELD	REGION	LABEL	FORMAT
Author	Disabled	<Hidden>	Author
Read more	Disabled	<Hidden>	Default
code field	Disabled	<Hidden>	Default
Title	Disabled	<Hidden>	Default
Links	Disabled	<Hidden>	Default
Comments	Disabled	<Hidden>	Default
Tags	Disabled	Above	Link #

Click on one of the buttons to create a new field.

[Add a code field](#) [Add a dynamic field](#) [Add a block field](#) [Add a preprocess field](#)

[Manage fields](#)

[Save](#)

Four types of custom fields are there.

First, click on the “Add a code field”.

The screenshot shows the 'Add a code field' dialog box. It has a 'Label' field with the value 'code field' and a 'Machine name' of 'code_field'. There are checkboxes for 'Entities' (Comment, Node, Taxonomy term, User) and a 'Limit field' section. The 'Field code' section is empty, with a red prompt 'Add custom code here'. The 'Text format' is set to 'Display Suite code'. A 'Close Window' button is in the top right corner.

Add a code field

Label *
code field Machine name: code_field [Edit]
The human-readable label of the field.

Entities *
☐ Comment ☒ Node ☐ Taxonomy term ☐ User
Select the entities for which this field will be made available.

Limit field
Limit this field on field UI per bundles and/or view modes. The values are in the form of \$bundle|\$view_mode, where \$view_mode may be either a view mode set to use custom settings, or 'default'. You may use * to select all, e.g article|*, *|full or *|*. Enter one value per line.

Field code *
Add custom code here
This is a code field to display at front end.

Text format Display Suite code [More information about text formats ?](#)

* You may not Display Suite code. You should include <?php? tags when using PHP. The format object is available.

Fill the fields and save the field.

This field is added under “Disabled”.

DashboardContentStructureAppearancePeopleModulesConfigurationReportsHelp

Hello adminLog out

FIELD	REGION	LABEL	FORMAT
Disabled			
+ Post date	Disabled	<Hidden>	Long
+ Last modified	Disabled	<Hidden>	Long
+ Submitted by	Disabled	<Hidden>	Time ago
+ User picture	Disabled	<Hidden>	Thumbnail
+ Author	Disabled	<Hidden>	Author
+ Read more	Disabled	<Hidden>	Default
+ code field	Disabled	<Hidden>	Default
+ Title	Disabled	<Hidden>	Default
+ Links	Disabled	<Hidden>	Default
+ Comments	Disabled	<Hidden>	Default
+ Tags	Disabled	Above	Link #

Layout for article in full

Custom wrappers

Click on one of the buttons to create a new field.

Move this field to the region, you want to show.
Open article page and see the new field content.

DashboardContentStructureAppearancePeopleModulesConfigurationReportsHelp

Hello adminLog out

Home

Home

Navigation

Add content

admin's groups

Group	Member since
First Group	1 day 23 hours ago


Article One

ViewEditManage display

Content in Field1
Content in Field2

This is a first Article in Drupal

Content in Field3
Content in Field4



This is a code field to display at front end.

Dynamic Fields

Click on “Add dynamic field” from Custom field tab.

The screenshot shows the 'Add a dynamic field' dialog box in the Drupal administration interface. The dialog has a 'Close Window' button in the top right corner. It contains three main sections: 'Label', 'Entities', and 'Limit field'. The 'Label' section has a text input field with 'Dynamic field' entered and a machine name 'dynamic_field [edit]'. The 'Entities' section has a list of checkboxes: 'Comment', 'Node' (checked), 'Og membership type', 'Og membership', 'Taxonomy term', and 'User'. Below this is a note: 'Select the entities for which this field will be made available.' The 'Limit field' section is currently empty. A 'Save' button is located at the bottom left of the dialog.

Fill all the fields and save the field settings.

We have to configure the dynamic field.
Click on Settings icon for the dynamic field.

The screenshot shows the 'Structure' tab in the Drupal administration interface. It displays a table of field configurations. The 'Dynamic field' row is highlighted, and its settings icon (a gear) is circled in red. The table has columns for FIELD, REGION, LABEL, and FORMAT. The 'Dynamic field' row shows it is configured with 'Right' region, '<Hidden>' label, and 'Default' format. The 'Not configured yet.' text is visible next to the settings icon.

FIELD	REGION	LABEL	FORMAT
Body	Middle	<Hidden>	Default
Image	Middle	<Hidden>	Image
code field	Middle	<Hidden>	Default
Right			
Field 3	Right	<Hidden>	Default
Field 4	Right	<Hidden>	Default
Dynamic field	Right	<Hidden>	Default
Disabled			
Post date	Disabled	<Hidden>	Long
Last modified	Disabled	<Hidden>	Long
Submitted by	Disabled	<Hidden>	Time ago
User picture	Disabled	<Hidden>	Thumbnail
Author	Disabled	<Hidden>	Author
Read more	Disabled	<Hidden>	Default

Click on the select Content to add new content from drupal.

The screenshot shows the 'Structure' configuration page in Drupal. The 'Dynamic field' is selected, and the 'Select content' button is highlighted. The 'Load terms' checkbox is checked, and the 'Show title' checkbox is also checked. The 'Title wrapper' field is empty. The 'Update' button is visible.

FIELD	REGION	LABEL	FORMAT
Field 3	Right	<Hidden>	Default
Field 4	Right	<Hidden>	Default
Dynamic field	Right	<Hidden>	Select content

Dynamic field configuration:

- ☒ Load terms **Check if you want to load content for selected view or block or menu etc.**
Toggle if you are embedding a view with term fields.
- ☒ Show title **Check to display title**
- Title wrapper**
Eg: h1, h2, p
-

Disabled fields:

FIELD	REGION	LABEL	FORMAT
Post date	Disabled	<Hidden>	Long
Last modified	Disabled	<Hidden>	Long
Submitted by	Disabled	<Hidden>	Time ago
User picture	Disabled	<Hidden>	Thumbnail

You can select any one from the displayed content. Here, we are adding “User Menu” from “Menus”.

The screenshot shows the 'Structure' configuration page with the 'Select content' dialog open. The 'Menu' option is selected in the 'Menus' section. The 'Update' button is visible.

Select content dialog:

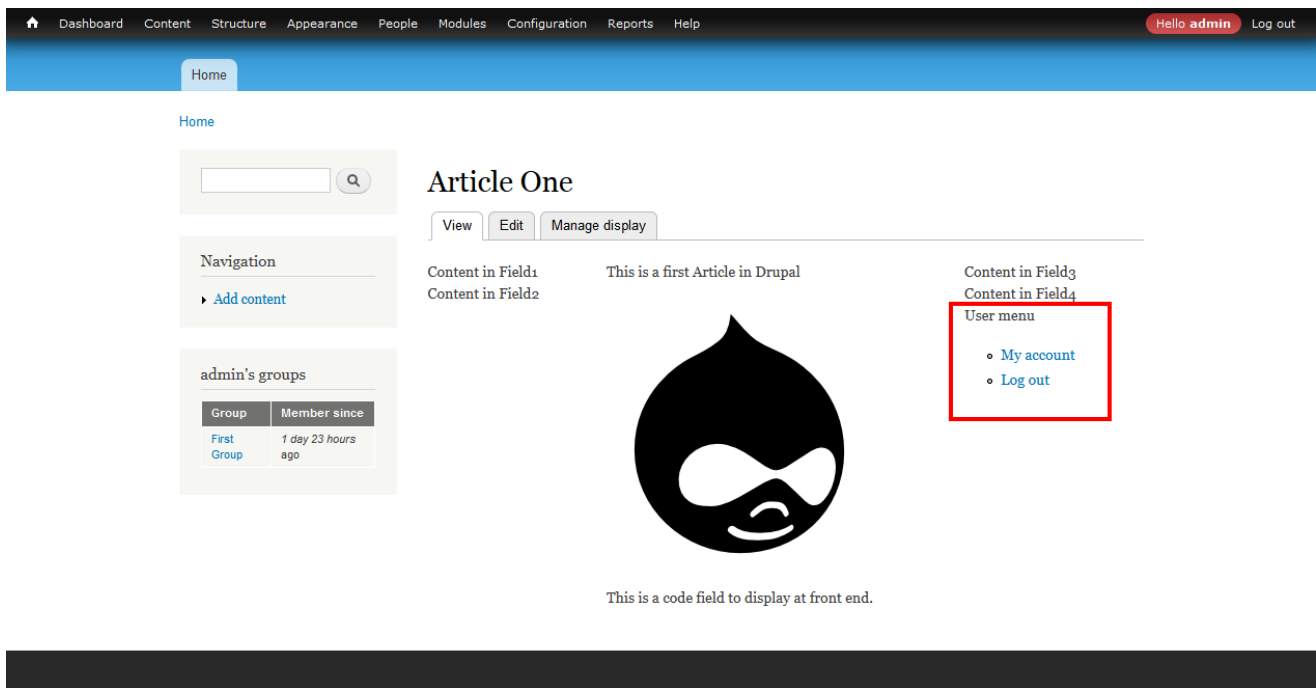
- Activity**
- Comment**
- Display Suite**
- Entity**
- Form**
- Menu** (selected)
- Miscellaneous**
- Node**
- Node (tokens)**
- Page elements**
- Content**
- Widgets**

Menus:

- Navigation**
- User menu**
- Management**
- Main menu**

Click on “Update” after adding content.

“User menu” is coming now in Right region.



Block Fields

Blocks can be added as a field using block field.

Preprocess Fields

Preprocess fields are defined in theme's template.php file.
Put the code in theme_preprocess_node function

```
$variables['preprocessfield'] = 'preprocess field code';
```

Create an preprocess field named “preprocessfield” and save the field.
You can see this field description at articles page.