

What's New in Drupal 8.6

By Eric Sod

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Introduction



- Senior Drupal Developer at Memorial Sloan Kettering Cancer Center (MSKCC).
- Work on the team that produces MSKCC's public facing web site,
www.mskcc.org
- Nine years experience as a web developer.

Memorial Sloan Kettering



- Memorial Sloan Kettering Cancer Center is the world's oldest and largest private cancer center.
- MSKCC has devoted more than 130 years to exceptional patient care, innovative research, and outstanding educational programs.

Overview

- Drupal releases major updates twice per year: in March/April and also in September/October.
- Drupal 8.6 is the major update for September 2018.
- This update has been called the biggest update in Drupal 8's history.
- Drupal is constantly evolving and innovating.

Media

An experimental module

- Experimental modules are not ready to use in production, but are ready to be tested out in development and sandbox environments.

Media

- The media features have taken a huge step forward.
- Having media editing work smoothly greatly improves the content editing experience.
- Better media management is often the most commonly requested feature by content editors.

So, what does media in core provide?

- You can manage media (images, video, audio, etc) via an overview page, adding new media items directly without creating content.
- You can add media through a new media field.
 - **And possibly through the WYSIWYG editor.**
- You can re-use media that's already been added to the site, or upload new media.

Enable media modules

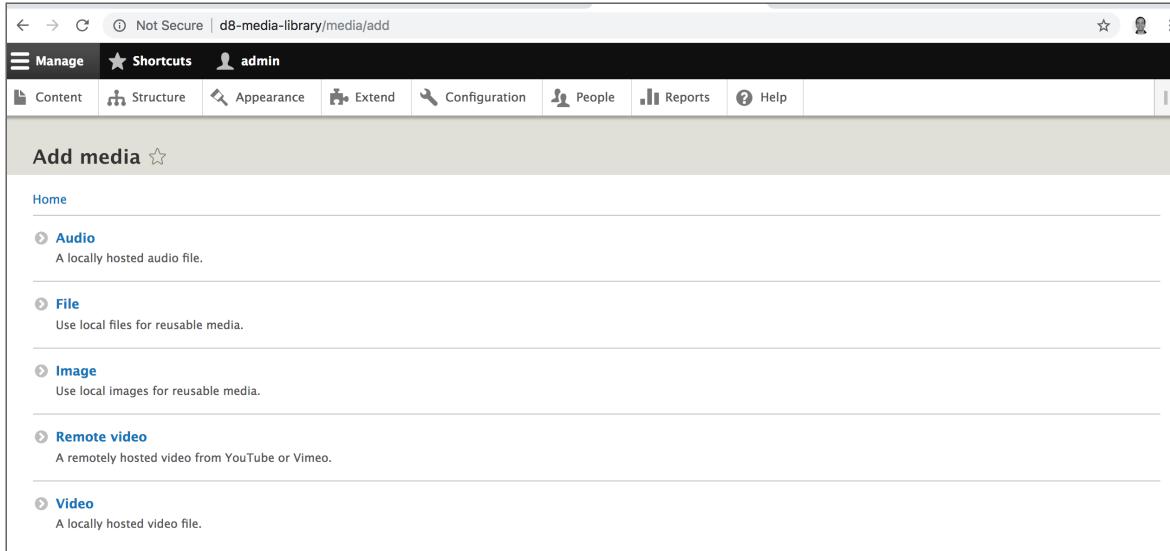
The screenshot shows the 'Extend' page of the Drupal 8 administration interface. The URL is `d8-media-library/admin/modules`. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and 'admin'. Below the navigation is a toolbar with links for 'Content', 'Structure', 'Appearance', 'Extend' (which is highlighted), 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'Extend' with a star icon. It has two tabs: 'List' (selected) and 'Uninstall'. A breadcrumb trail shows 'Home > Administration'. A note says 'Download additional contributed modules to extend your site's functionality.' Another note encourages regular review of available updates and the use of the 'Update Manager module'. A search bar contains the text 'media'. A search input field below it says 'Enter a part of the module name or description'. Under the 'CORE' heading, the 'Media' module is listed with a checked checkbox and a description: 'Manages the creation, configuration of display of media items.'. Under the 'CORE (EXPERIMENTAL)' heading, the 'Media library' module is listed with a checked checkbox and a description: 'Enhances the media list with additional features to easier find and use existing media items.'. At the bottom left is a blue 'Install' button.

Add media

The screenshot shows the Drupal 8 Media library administration interface. At the top, there is a header bar with links for 'Back to site', 'Manage', 'Shortcuts', and 'admin'. Below the header are navigation tabs for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main title is 'Media' with a star icon. Below the title is a sub-navigation bar with tabs for 'Content', 'Comments', 'Files', and 'Media', where 'Media' is selected. There are two view mode buttons: 'Grid' (which is underlined) and 'Table'. A breadcrumb trail shows 'Home > Administration > Content'. A blue button labeled '+ Add media' is visible. Below the toolbar are filter fields for 'Published' (dropdown menu), 'Name' (text input), 'Media type' (dropdown menu), and 'Sort by' (dropdown menu). A 'Apply Filters' button is also present. A message 'No media available.' is displayed at the bottom.

Default media types

Audio, files, images, remote video (YouTube, and Vimeo), local video

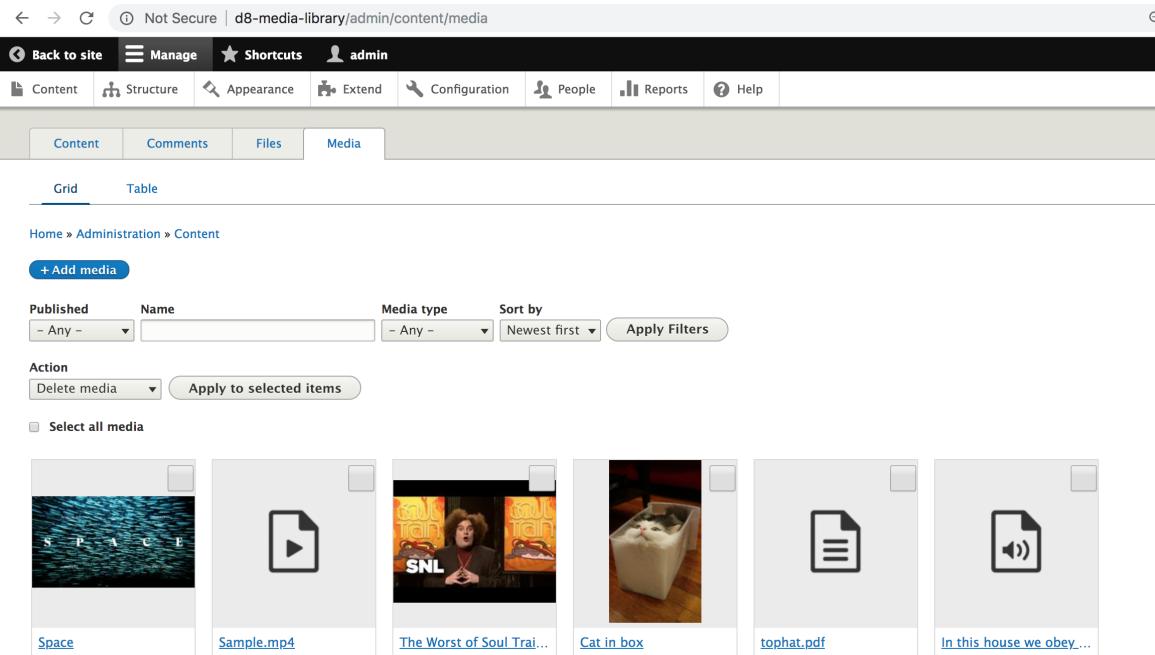


The screenshot shows a web-based administration interface for managing media. At the top, there's a navigation bar with links for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The user is logged in as 'admin'. Below the navigation is a section titled 'Add media' with a star icon. A 'Home' link is present. The main content area lists five media types:

- Audio**: A locally hosted audio file.
- File**: Use local files for reusable media.
- Image**: Use local images for reusable media.
- Remote video**: A remotely hosted video from YouTube or Vimeo.
- Video**: A locally hosted video file.

Default media types

Audio, files, images, remote video (YouTube, and Vimeo), local video



The screenshot shows the Drupal 8 Media library interface. At the top, there's a navigation bar with links for Back to site, Manage, Shortcuts, and admin. Below that is a toolbar with icons for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. A sub-navigation bar below the toolbar has tabs for Content, Comments, Files, and Media, with the Media tab currently selected. Under the Media tab, there are two options: Grid and Table, with Grid being the active choice. The main content area displays a grid of six media items:

Name	Media type	Published	Action
Space	Image	Any	<input type="checkbox"/> Select all media
Sample.mp4	Video	Any	<input type="checkbox"/>
The Worst of Soul Trai...	Video	Any	<input type="checkbox"/>
Cat in box	Image	Any	<input type="checkbox"/>
tophat.pdf	File	Any	<input type="checkbox"/>
In this house we obey...	File	Any	<input type="checkbox"/>

Below the grid, there are filter and action controls. The filters include Published (Any), Name (text input), Media type (dropdown), and Sort by (dropdown set to Newest first). Action buttons include + Add media, Delete media (dropdown), and Apply to selected items.

Add media via the Media field

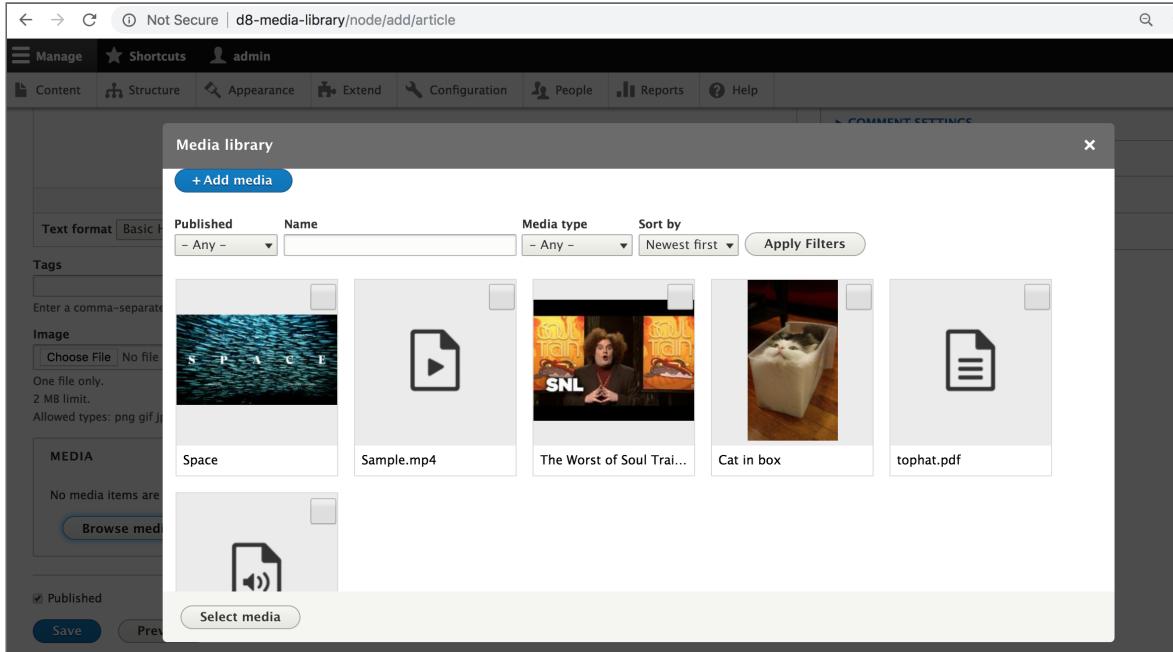
On the article page node edit form, for instance.



The screenshot shows the 'Media' section of the Drupal 8 admin interface. At the top, there's a navigation bar with links for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. Below that, a sub-navigation bar includes 'Manage', 'Shortcuts', and the user 'admin'. A message at the top states: 'One file only.', '2 MB limit.', and 'Allowed types: png gif jpg jpeg.' A large central area is labeled 'MEDIA' and contains the message 'No media items are selected.' At the bottom of this area are two buttons: 'Browse media' and 'Add media'.

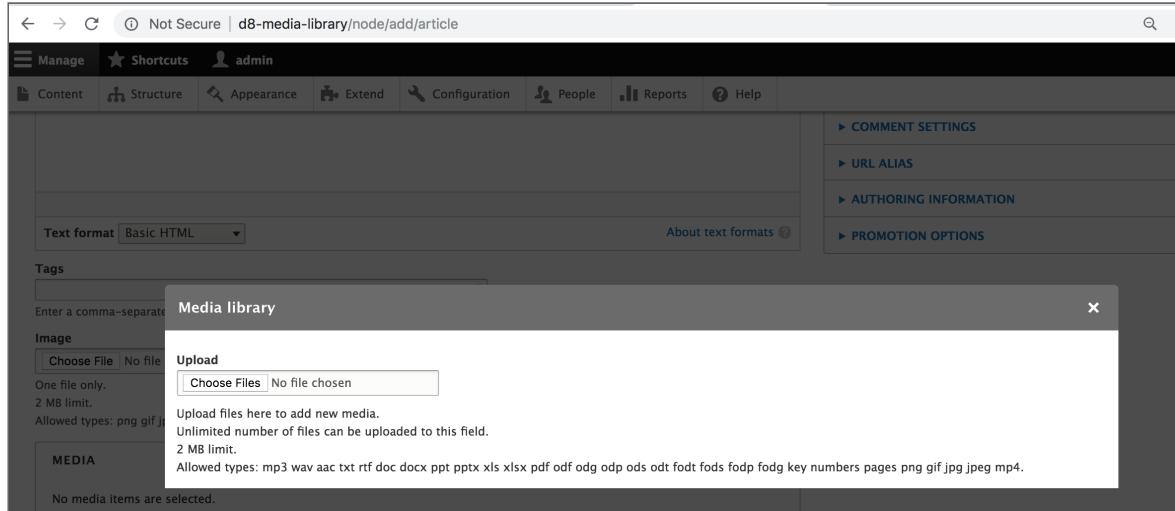
Click Browse media

Your media library in a modal.

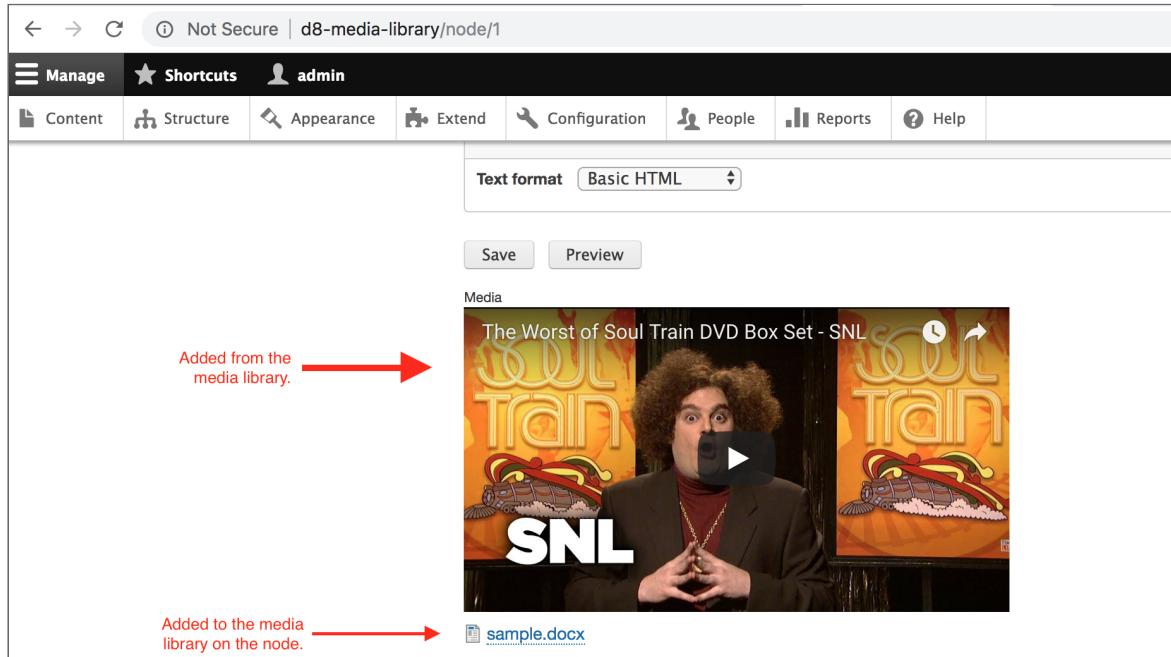


Click Add media

Notice the numerous types of media that can be added.



A node that has media from the library and media that has been added to the node.



Quickstart

- Drupal 8.6 comes with a Quickstart command that lets you install Drupal on your machine without a lot of pre-requisites.
- Pre-requisites for installing Drupal include software like PHP, MySQL, Apache, Nginx, etc., configuring a VM, or finding a vendor that provides cloud hosting.
- Quickstart makes it really easy to test out Drupal.

Drupal Quickstart

Evaluator Guide

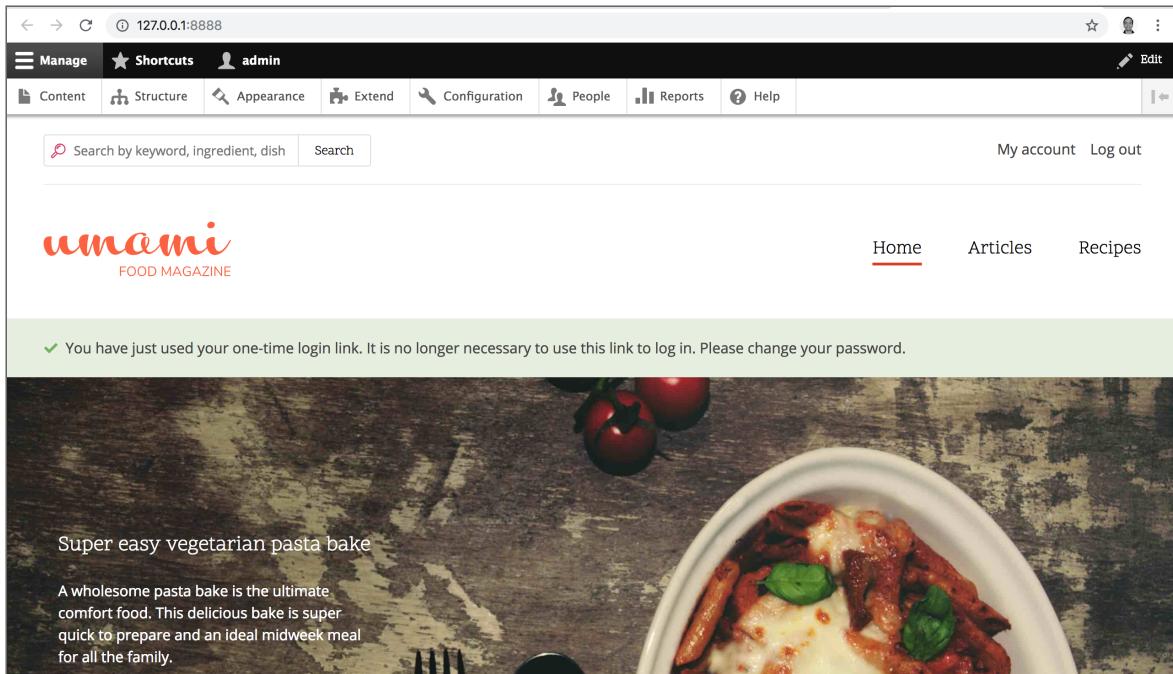
```
mkdir drupal
cd drupal
curl -SSL https://www.drupal.org/download-latest/tar.gz | tar -xz --strip=1
```

```
php core/scripts/drupal quick-start demo_umami
```

Running Quickstart commands

```
12:08 ~/Downloads $ mkdir drupal
12:08 ~/Downloads $ cd drupal
/Users/sode/Downloads/drupal
12:08 ~/Downloads/drupal $ curl -sSL https://www.drupal.org/download-latest/tar.gz | tar -xz --strip-components=1
12:08 ~/Downloads/drupal $ php core/scripts/drupal quick-start demo_umami
18/18 [██████████] Congratulations, you installed Drupal!
Username: admin
Password: Vh-3rYhmS8ujssbf
Drupal development server started: <http://127.0.0.1:8888>
This server is not meant for production use.
One time login url: <http://127.0.0.1:8888/user/reset/1/1538237336/hSTFTHpn001a4FRwejRMCHT3Y4jiCjjUns0k6JLc674/login>
Press Ctrl-C to quit the Drupal development server.
```

Quickstart loads in seconds and opens a browser window.



Out-of-the-box Demo

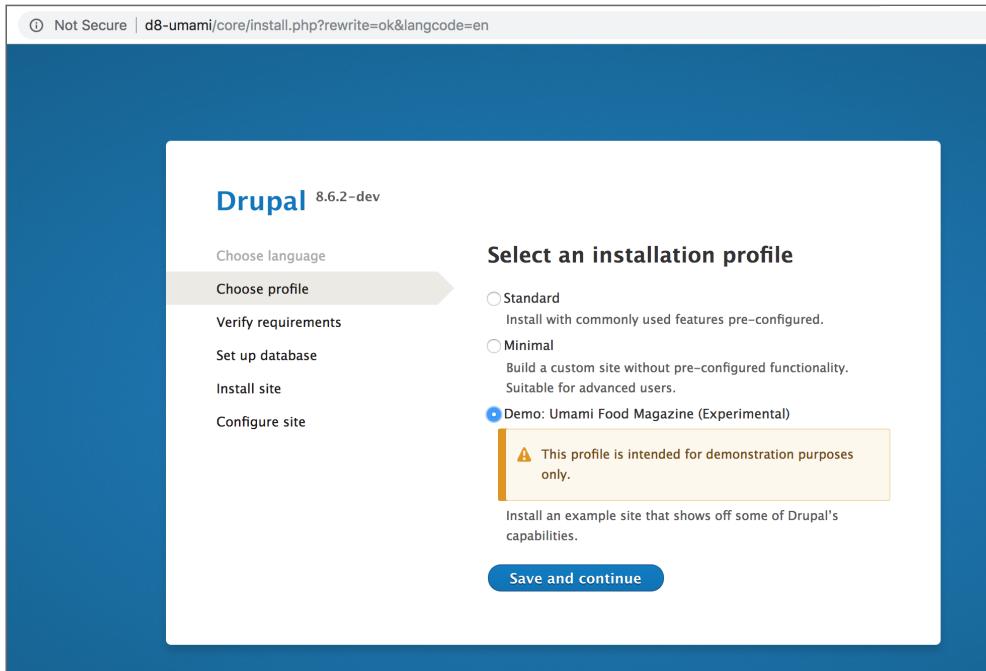
The Umami profile

Umami

- The Umami install profile provides a demo of Drupal out-of-the-box.
- It provides the content (recipes), configuration and the theme (including all resources like javascript, css, images and fonts) for a fictional Food magazine called "Umami".

Umami

- When you install Drupal, you'll now see the Umami as an option on the install profile step.



Umami

- Along with the Quickstart feature, the Umami profile will allow developers and site builders new to Drupal to easily test out and demo its features.
- Umami is really meant as a demonstration and cannot be used as a starter kit for new sites. Future updates will not guarantee any backwards compatibility.

Umami

← → ⓘ Not Secure | d8-umami/ ⋮

Manage Shortcuts admin Edit

Content Structure Appearance Extend Configuration People Reports Help

Search by keyword, ingredient, dish Search My account Log out

umami FOOD MAGAZINE

Home Articles Recipes

The screenshot shows a web browser interface for a Drupal-based website. The header includes navigation links like 'Manage', 'Shortcuts', and 'admin'. Below the header is a search bar and user account links ('My account' and 'Log out'). The main content area features the 'umami FOOD MAGAZINE' logo. A large image of a pasta bake dish in a white bowl is displayed on a wooden surface. To the left of the image, there's a title 'Super easy vegetarian pasta bake' and a brief description: 'A wholesome pasta bake is the ultimate comfort food. This delicious bake is super quick to prepare and an ideal midweek meal for all the family.' A pink button labeled 'Super easy vegetarian pasta bake' is visible. The top of the image shows some red bell peppers and a fork.

Migrate

Migrate

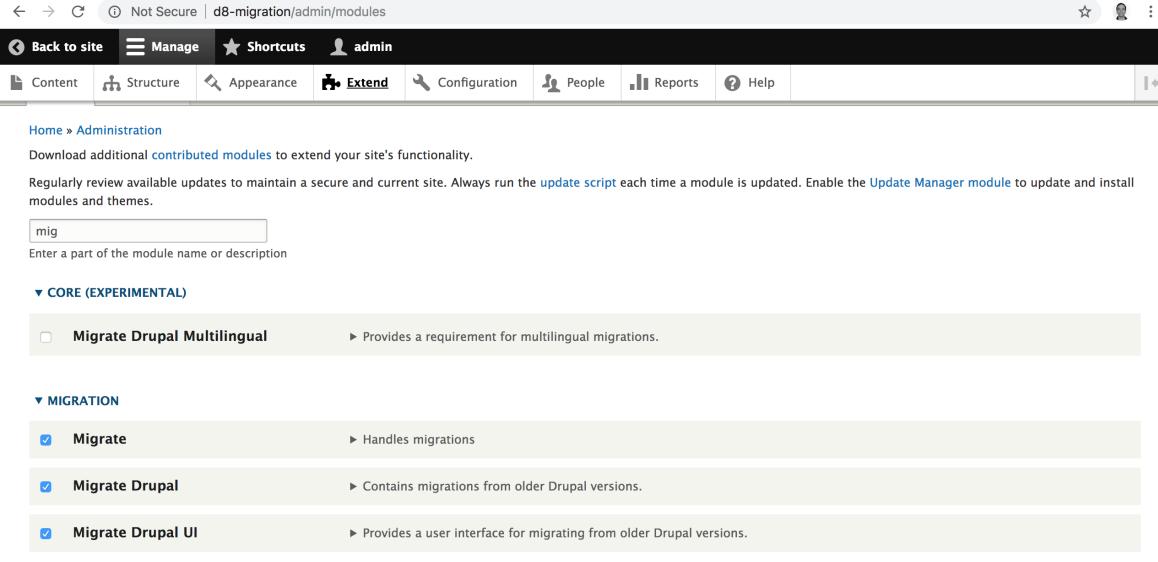
- Migrate has been a part of Drupal core since the first minor release of Drupal 8.
- The migrate module allows you to pull content into Drupal 8 from previous versions of Drupal or external sources.
- Migrate is now a stable module, which means that it will be easier for developers to create custom migrations without worrying about API changes.
- This will also make it easier to write documentation and blog posts about how to do things with Migrate.

Migrate

- Migrating multilingual content is in a separate module (Migrate Drupal Multilingual).
- Migrate Drupal Multilingual module is an experimental module, as there is still some work to be done in this area.

Migrate

Enable Migration modules.



The screenshot shows the Drupal 8 administration interface at `/admin/modules`. The top navigation bar includes links for Back to site, Manage, Shortcuts, and admin. Below the navigation is a toolbar with Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. A search bar contains the text "mig". The main content area displays a list of modules under two categories: CORE (EXPERIMENTAL) and MIGRATION. Under CORE (EXPERIMENTAL), the "Migrate Drupal Multilingual" module is listed with a description. Under MIGRATION, three modules are listed: "Migrate" (selected), "Migrate Drupal", and "Migrate Drupal UI".

Category	Module	Description
CORE (EXPERIMENTAL)	Migrate Drupal Multilingual	Provides a requirement for multilingual migrations.
MIGRATION	Migrate	Handles migrations
MIGRATION	Migrate Drupal	Contains migrations from older Drupal versions.
MIGRATION	Migrate Drupal UI	Provides a user interface for migrating from older Drupal versions.

Migrate

The upgrade page.

The screenshot shows the 'Upgrade' page in the Drupal 8 administration interface. The URL is d8-migration/upgrade. The page title is 'Upgrade'. It contains sections for 'Definitions', 'Preparation steps', and a note about upgrade duration. A 'Continue' button is at the bottom.

Not Secure | d8-migration/upgrade

Manage Shortcuts admin

Content Structure Appearance Extend Configuration People Reports Help

Upgrade

Home

Upgrade a site by importing its files and the data from its database into a clean and empty new install of Drupal 8. See the [Drupal site upgrades handbook](#) for more information.

Definitions

Old site
The site you want to upgrade.

New site
This empty Drupal 8 installation you will import the old site to.

Preparation steps

1. Make sure that access to the database for the old site is available from this new site.
2. If the old site has private files, a copy of its files directory must also be accessible on the host of this new site.
3. Enable all modules on this new site that are enabled on the old site. For example, if the old site uses the book module, then enable the book module on this new site so that the existing data can be imported to it.
4. Do not add any content to the new site before upgrading. Any existing content is likely to be overwritten by the upgrade process. See the [upgrade preparation guide](#).
5. Put this site into [maintenance mode](#).

The upgrade can take a long time. It is better to upgrade from a local copy of your site instead of directly from your live site.

Continue

Migrate

The migrate credentials page.

The screenshot shows the 'Drupal Upgrade' page under the 'Manage' tab. The URL is 'Not Secure | d8-migration/upgrade/credentials'. The page title is 'Drupal Upgrade'. The breadcrumb navigation shows 'Home > Upgrade'. A note at the top says: 'Provide the information to access the Drupal site you want to upgrade. Files can be imported into the upgraded site as well. See the [Upgrade documentation](#) for more detailed instructions.' A section titled 'Drupal version of the source site *' has two radio buttons: 'Drupal 6' (unchecked) and 'Drupal 7' (checked). A large form box is titled '▼ SOURCE DATABASE'. It contains fields for 'Database type *': 'MySQL, MariaDB, Percona Server, or equivalent' (checked), 'PostgreSQL' (unchecked), and 'SQLite' (unchecked). The 'Database host *' field contains 'localhost'. The 'Database name *' field contains 'drupal_d7'. The 'Database username *' field is highlighted with a yellow background. The 'Database password' field contains '*****'. Below the form is a note: 'Provide credentials for the database of the Drupal site you want to upgrade.'

Migrate

Are contrib modules upgraded?

Not Secure | d7local.org/node/160

Content Structure Appearance People Modules Configuration Reports Help

Hello admin Log out

One Fivestar

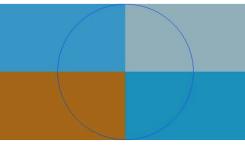
View Edit Devel

Submitted by Anonymous (not verified) on Mon, 09/24/2018 - 07:15

Capo consequat lobortis luptatum. Immitto molar natu usitas. Cumur manris natu perus quae ullamcorper wisi. Antehabeo augue autem damnum eum fere hos proprius refero vindico. Aliquam dolor duis inhibeo persto roto. Abigo metuo neque obruo tineidunt. Aptent esse luptatum magna natu mutus secundum utrum.

Tags: [jou](#) [A](#)

Fivestar:



Average: 5 (1 vote)

Not Secure | d7local.org/node/160

Content Structure Appearance People Modules Configuration Reports Help

Hello admin Log out

Home

Two fivestar

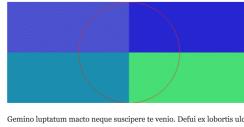
View Edit Devel

Submitted by Anonymous (not verified) on Thu, 09/27/2018 - 03:44

Gemino luptatum macro neque suscipere te venio. Deful ex lobortis ulcisor verto. Cogo odio patria. Paulatim scelos voco.

Tags: [jou](#)

Fivestar:



Average: 5 (1 vote)

Migrate

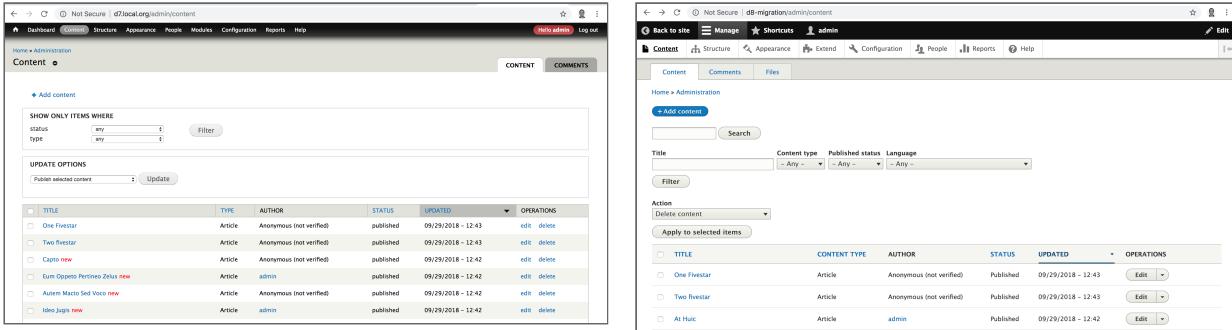
Contrib modules are not upgraded.

The screenshot shows the 'What will be upgraded?' section of the Drupal 8 upgrade review. It displays two main categories: '5 MODULES WILL NOT BE UPGRADED' and '31 MODULES WILL BE UPGRADED'. Below each category, there is a 'Details' link. The 'MODULES THAT WILL NOT BE UPGRADED' section lists several modules under 'DRUPAL 7' and 'DRUPAL 8', all marked as 'Not upgraded'.

▼ MODULES THAT WILL NOT BE UPGRADED	
There are no modules installed on your new site to replace these modules. If you proceed with the upgrade now, configuration and/or content needed by these modules will not be available on your new site. For more information, see Review the pre-upgrade analysis in the Upgrading to Drupal 8 handbook.	
DRUPAL 7	DRUPAL 8
admin_menu	Not upgraded
admin_menu_toolbar	Not upgraded
devel	Not upgraded
devel_generate	Not upgraded
fivestar	Not upgraded

Migrate

After the migration runs.



The image shows two side-by-side screenshots of a Drupal administrative interface. Both screenshots are titled 'Content' and show a list of articles.

Screenshot 1 (Left): This screenshot shows a search and filter interface above a table. The table has columns: TITLE, TYPE, AUTHOR, STATUS, UPDATED, and OPERATIONS. The data includes:

TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
Article	Anonymous (not verified)	published	09/29/2018 - 12:43	edit delete
Article	Anonymous (not verified)	published	09/29/2018 - 12:43	edit delete
Article	Anonymous (not verified)	published	09/29/2018 - 12:42	edit delete
Article	admin	published	09/29/2018 - 12:42	edit delete
Article	Anonymous (not verified)	published	09/29/2018 - 12:42	edit delete
Article	admin	published	09/29/2018 - 12:42	edit delete

Screenshot 2 (Right): This screenshot shows a similar search and filter interface. The table has the same columns and data as the first screenshot, with one additional row:

TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
Article	Anonymous (not verified)	Published	09/29/2018 - 12:43	edit
Article	Anonymous (not verified)	Published	09/29/2018 - 12:43	edit
Article	admin	Published	09/29/2018 - 12:42	edit
Article	Anonymous (not verified)	Published	09/29/2018 - 12:42	edit
Article	admin	Published	09/29/2018 - 12:42	edit
Article	At Huic	Published	09/29/2018 - 12:42	edit

Workspaces

Workspaces

- Workspaces is an experimental module that allows a site administrator to create new, parallel versions of a site's content - e.g. a Staging workspace - that can be deployed to the live site all at once.
- Workspaces continues the workflow initiative which brought us Content moderation in Drupal 8.5.
- Content moderation provides a workflow for individual pieces of content.
- Workspaces allows entire sections of content to be moderated/staged before publishing.

Workspaces

Prototype

<https://84.85.10.108/an-update-on-the-workflow-initiative-for->

The screenshot shows a web application interface with a dark blue header bar. The header contains the text "Awesome Product" and a user profile icon for "John Doe". On the right side of the header is a yellow button labeled "Product Microsite updates" with a red notification badge showing the number "1". Below the header is a navigation bar with links for "Manage", "John Doe", "My account", and "Log out".

The main content area has a light gray background. On the left, there is a sidebar with a search bar, a "Tools" section containing a "Add content" link, and a small image thumbnail. The main content area displays three separate posts or comments:

- Etiam porta sem malesuada magna mollis euismod.**
Submitted by Anonymous (not verified) on Thu, 07/14/2016 - 13:14
Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Morbi leo risus, porta ac consectetur ac, vestibulum at eros. Sed posuere consectetur est at lobortis. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.
[Read more](#) [Add new comment](#)
- Lorem ipsum dolor sit amet, consectetur adipiscing elit.**
Submitted by Anonymous (not verified) on Thu, 07/14/2016 - 13:14
Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Donec sed odio dui. Curabitur blandit tempus porttitor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Donec sed odio dui. Vestibulum id ligula porta felis euismod semper. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Sed posuere consectetur est at lobortis.
[Read more](#) [Add new comment](#)
- Etiam porta sem malesuada magna mollis euismod.**
Submitted by Anonymous (not verified) on Thu, 07/14/2016 - 13:14
Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Morbi leo risus, porta ac consectetur ac, vestibulum at eros. Sed posuere consectetur est at lobortis. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.
[Read more](#) [Add new comment](#)

Workspaces

The screenshot shows the 'Extend' page in the Drupal 8 administration interface. The URL is `d8-workspaces/admin/modules`. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', 'admin', 'Devel', and a 'Live' button. Below the navigation is a toolbar with links for 'Content', 'Structure', 'Appearance', 'Extend' (which is highlighted), 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'Extend' with a star icon. It has two tabs: 'List' (selected) and 'Uninstall'. A breadcrumb trail shows 'Home > Administration'. A note says 'Download additional contributed modules to extend your site's functionality.' Another note says 'Regularly review available updates to maintain a secure and current site. Always run the update script each time a module is updated. Enable the Update Manager module to update and install modules and themes.' A search bar contains the text 'worksp'. A text input field below it says 'Enter a part of the module name or description'. A section titled 'CORE (EXPERIMENTAL)' is expanded, showing a list item for 'Workspaces'. The 'Workspaces' item has a checked checkbox, a description 'Provides the ability to have multiple workspaces on a single site to facilitate things like full-site preview and content staging.', and a blue 'Install' button.

Workspaces

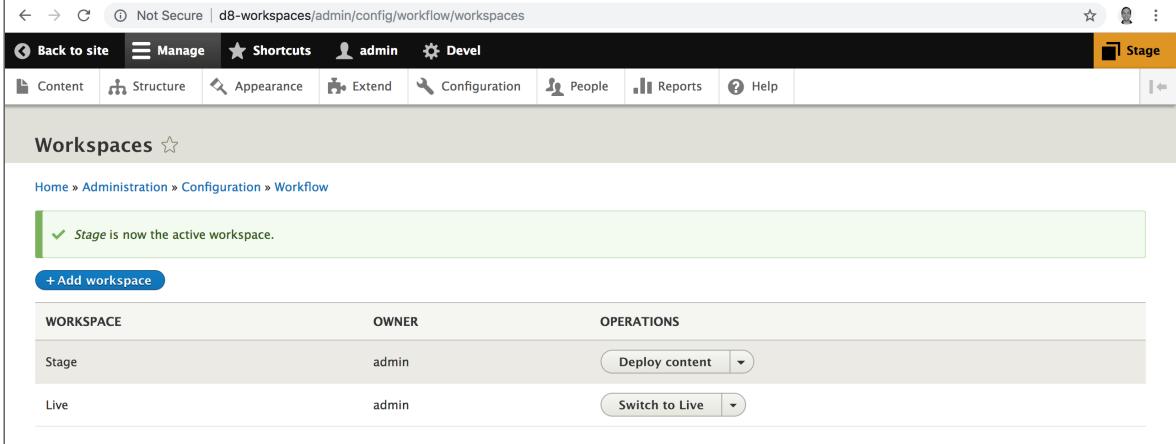
Content has been generated.

The screenshot shows the Drupal 8 Workspaces administration interface. The top navigation bar includes links for Back to site, Manage, Shortcuts, admin, and Devel. The main menu items are Content, Structure, Appearance, Extend, Configuration, People, Reports, Help, and a Live preview button. Below the menu, a breadcrumb trail shows Home > Administration. A prominent 'Content' tab is selected, with sub-tabs for Content, Comments, and Files. A '+ Add content' button is visible. The main content area displays a table of four articles. The columns are TITLE, CONTENT TYPE, AUTHOR, STATUS, UPDATED, and OPERATIONS. The articles listed are:

TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
At Genitus Saluto	Article	Anonymous (not verified)	Published	09/29/2018 - 18:04	<button>Edit</button>
Autem Capto Paratus Validus	Article	admin	Published	09/29/2018 - 18:04	<button>Edit</button>
Damnum Luptatum	Article	admin	Published	09/29/2018 - 18:04	<button>Edit</button>

Workspaces

Switch to the stage workspace.

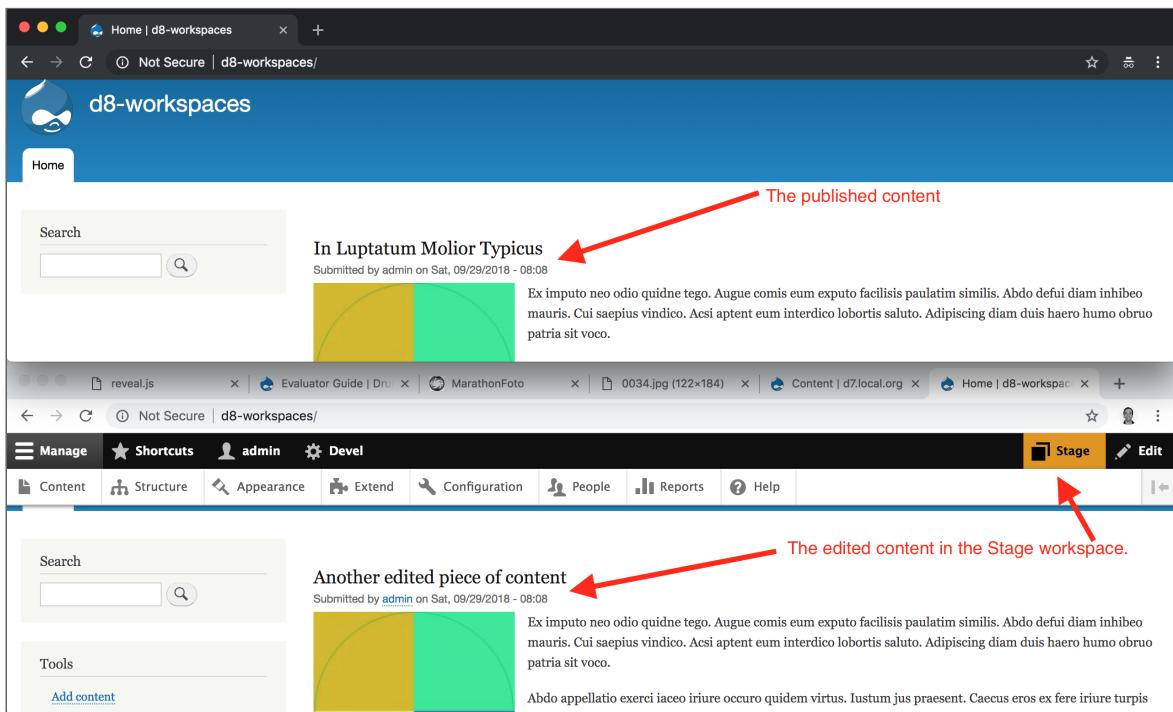


The screenshot shows the 'Workspaces' configuration page in the Drupal 8 admin interface. The top navigation bar includes links for Back to site, Manage, Shortcuts, admin, and Devel. The 'Stage' workspace is highlighted in yellow. The main content area displays the 'Workspaces' page with the title 'Workspaces' and a star icon. Below the title is a breadcrumb trail: Home > Administration > Configuration > Workflow. A green success message states 'Stage is now the active workspace.' A blue button labeled '+ Add workspace' is visible. The main table lists two workspaces: 'Stage' and 'Live'. The 'Stage' row has an 'OWNER' column showing 'admin' and an 'OPERATIONS' column with a dropdown menu containing 'Deploy content'. The 'Live' row has an 'OWNER' column showing 'admin' and an 'OPERATIONS' column with a dropdown menu containing 'Switch to Live'.

WORKSPACE	OWNER	OPERATIONS
Stage	admin	Deploy content
Live	admin	Switch to Live

Workspaces

- Edit content.
- There is now live content and staged content.



Workspaces

Deploy content.

The screenshot shows the AEM Workspaces administration page at `/admin/config/workflow/worksaces`. The page displays two workspaces: Stage and Live. The Stage workspace is currently selected. Red arrows point to three different deployment methods:

- An arrow points to the blue "Deploy content" button located in the top right corner of the page header.
- An arrow points to the "Deploy content" button located in the "Operations" column of the workspace table, next to the Stage row.
- An arrow points to the orange "Stage" button in the top right corner of the page header, with a tooltip stating: "Or deploy content from this button which is available everywhere on the site by clicking Stage".

The page also includes a "Workspaces" section with a "Deploy content" button and a "Switch to Live" button.

WORKSPACE	OWNER	OPERATIONS
Stage	admin	<button>Deploy content</button>
Live	admin	<button>Switch to Live</button>

Workspaces

Deploy content.

The screenshot shows a browser window with the URL `Not Secure | d8-workspaces/admin/config/workflow/workspaces/manage/stage/deploy?destination=/admin/config/workflow/workspaces`. The page title is "Deploy Stage workspace". The breadcrumb navigation shows: Home > Administration > Configuration > Workflow > Workspaces. A message at the top states: "There are 2 items that can be deployed from Stage to Live". Below this, there is a list: "• 2 content items". At the bottom are two buttons: "Deploy 2 items to Live" (highlighted with a blue border) and "Cancel". The top navigation bar includes links for Back to site, Manage, Shortcuts, admin, Devel, Content, Structure, Appearance, Extend, Configuration, People, Reports, Help, and a search bar.

Workspaces

Successful deployment. We're still in the stage workspace.

The screenshot shows the 'Workspaces' configuration page in the Drupal 8 admin interface. The top navigation bar includes links for Back to site, Manage, Shortcuts, admin, and Devel. A red arrow points to the 'Stage' button in the top right corner of the header. The main content area has a title 'Workspaces' with a star icon. Below it, a success message 'Successful deployment.' is displayed, followed by the breadcrumb trail 'Home > Administration > Configuration > Workflow'. Another red arrow points to this message. To the right of the message, the text 'Still in the Stage workspace.' is also highlighted with a red arrow. At the bottom of the page, there is a table with two rows:

WORKSPACE	OWNER	OPERATIONS
Stage	admin	<button>Deploy content</button>
Live	admin	<button>Switch to Live</button>

Workspaces

The content has been deployed.

A screenshot of a web browser displaying the 'd8-workspaces' administration interface. The page title is 'Home | d8-workspaces'. The main content area shows a list of two articles. The first article, titled 'Another edited piece of content', is highlighted with a red arrow pointing from the text 'The content has been deployed.' at the top right. The second article, titled 'An edited piece of content', is also highlighted with a red arrow pointing from the same text. The browser's address bar shows the URL 'Not Secure | d8-workspaces/admin/content'. The interface includes a navigation bar with links like 'Back to site', 'Manage', 'Shortcuts', 'admin', 'Devel', and 'Stage'. A toolbar below the navigation bar includes buttons for 'Delete content', 'Apply to selected items', and a table header for 'Content' with columns: TITLE, CONTENT TYPE, AUTHOR, STATUS, UPDATED, and OPERATIONS.

TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
Another edited piece of content	Article	admin	Published	09/29/2018 - 18:08	<button>Edit</button>
An edited piece of content	Article	Anonymous (not verified)	Published	09/29/2018 - 18:06	<button>Edit</button>

Layouts

Layouts

- Drupal's layout builder features are still experimental.

Layouts

Enable Field Layout, Layout Builder, and Layout Discovery to test the layout options.

The screenshot shows the 'Extend' page in the Drupal 8 administration interface. The URL is d8-layout/admin/modules. The page title is 'Extend'. There are tabs for 'List' and 'Uninstall'. Below the tabs, the breadcrumb navigation shows 'Home » Administration'. A note says 'Download additional contributed modules to extend your site's functionality.' Another note says 'Regularly review available updates to maintain a secure and current site. Always run the update script each time a module is updated. Enable the Update Manager module to modules and themes.' A search bar contains the text 'layout'. A text input field below it says 'Enter a part of the module name or description'. The page is divided into sections: 'CORE' and 'CORE (EXPERIMENTAL)'. Under 'CORE', 'Layout Discovery' is listed with a description: 'Provides a way for modules or themes to register layouts.' Under 'CORE (EXPERIMENTAL)', 'Field Layout' and 'Layout Builder' are listed with descriptions: 'Adds layout capabilities to the Field UI.' and 'Provides layout building utility.' respectively. Both 'Field Layout' and 'Layout Builder' have checked checkboxes next to them.

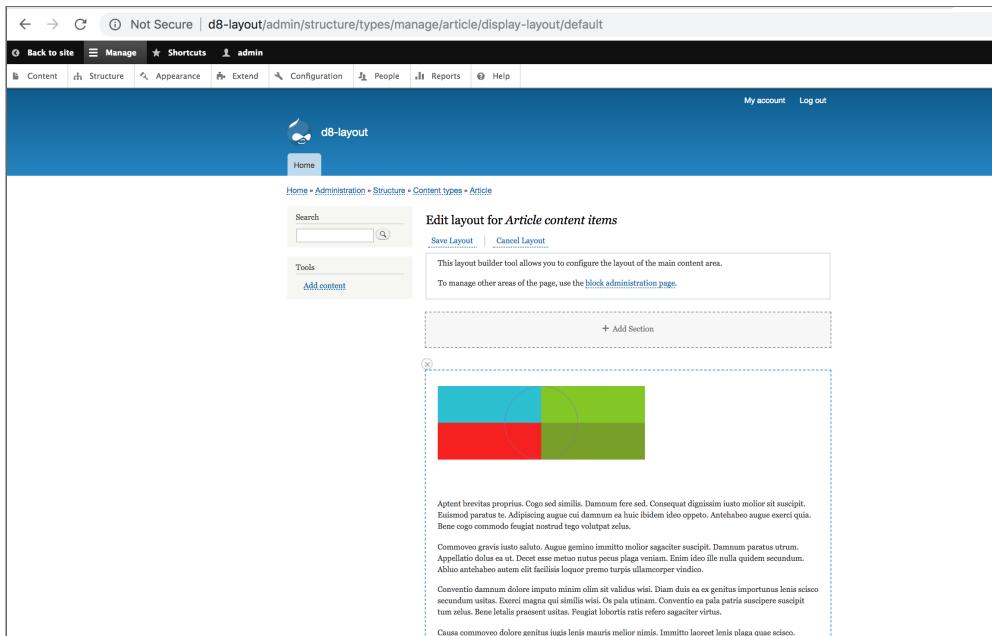
Layouts

- Go to Structure > Content types.
- Edit a content type and click "Manage display".

The screenshot shows the 'Manage display' configuration page for the 'Article' content type in Drupal 8. The top navigation bar includes links for Back to site, Manage, Shortcuts, and admin. Below the navigation is a horizontal menu with options: Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The main title is 'Manage display' with a star icon. Below the title is a sub-menu with tabs: Edit, Manage fields, Manage form display, and Manage display (which is selected). Underneath these tabs are three view mode buttons: Default (selected), RSS, and Teaser. The page content area starts with a breadcrumb trail: Home » Administration » Structure » Content types » Article. A note states: 'Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. Teaser is a short format that is typically used i typically used when the content is displayed on its own page.' Below this is a section titled 'Manage layout' with a 'CUSTOM DISPLAY SETTINGS' button. A 'LAYOUT OPTIONS' section contains two checkboxes: 'Use Layout Builder' (which is checked) and 'Allow each content item to have its layout customized.' A red arrow points from the text 'Use Layout Builder is enabled by default.' to the checked checkbox. At the bottom is a 'Save' button.

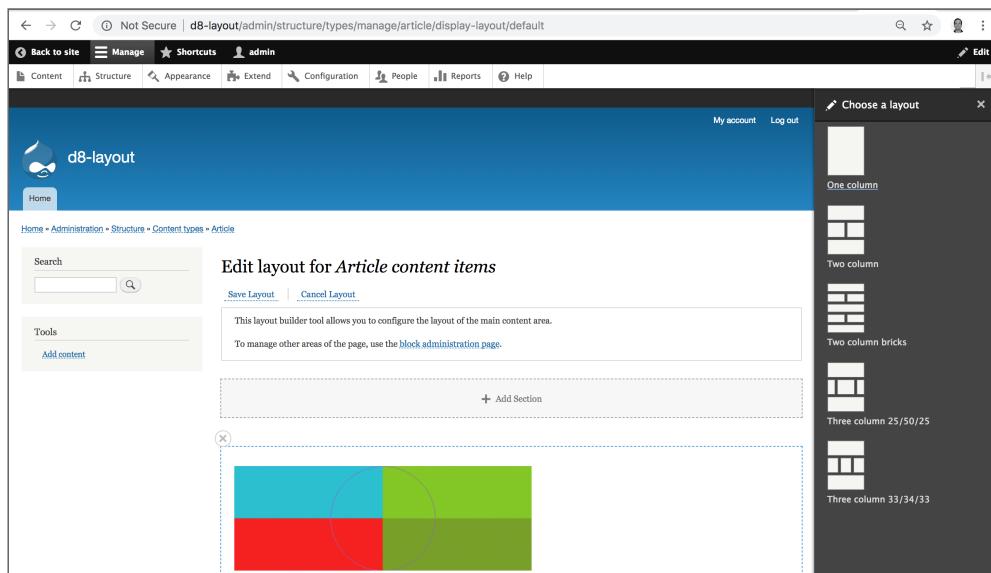
Layouts

- Check "Allow each content item to have its layout customized."
- Save and then click the "Manage layout" button.



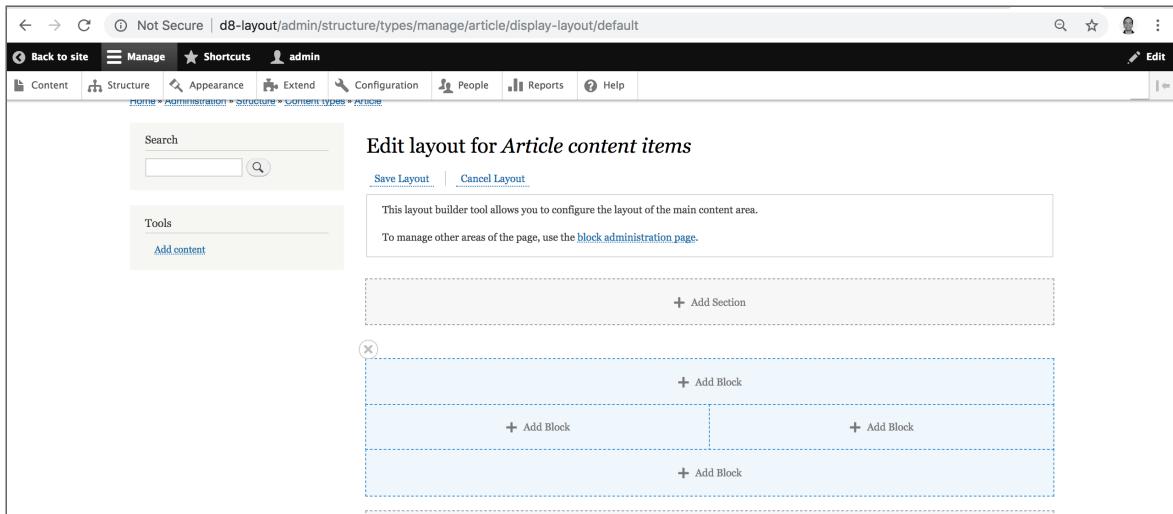
Layouts

- You'll now be taken to the front of your site, where you control the layout for this content type.
- Click "Add Section" and you'll be able to choose from "One column", "Two column" and other options.



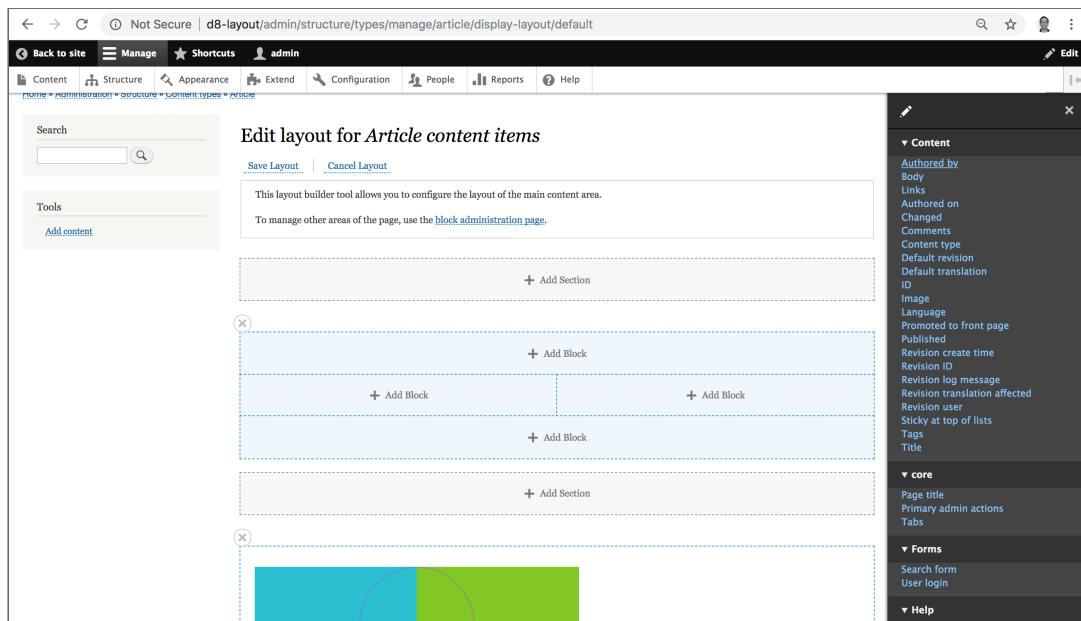
Layouts

- After adding a two-column layout.



Layouts

- Click "Add block" and you'll be able to choose from almost all the data on your site.
- You can add fields, user data, forms, views, and more.



Layouts

- Layouts can be used for media, contact forms, taxonomy, users, and more.
- In WordPress, some folks feel the Gutenberg editor is a good idea with poor execution.
- This new Drupal layout editor is closer to a full-page designer, like Wordpress's Beaver Builder or Elementor than it is to Gutenberg.

Even more improvements

Even more improvements

- The process of porting tests from Simpletest to PHPUnit is almost done.
- Nightwatch.js was added to allow for automated javascript testing.

What's next?

What's next?

New features planned for Drupal 8.7

- Support for JSON API in core.
- Potentially a refresh of the default Drupal admin theme (Seven).
- Potentially conflict management and local workspace merging support.
- Work on features like automatic upgrades.

What's next?

- Drupal 8.7 is scheduled to be release on May 1, 2019.
- Watch the latest DriesNote from Drupal Europe for an overview of the Drupal roadmap and new developments that are in the works.

References

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Thank you.

Questions?