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What's Coming in Drupal 8.4

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Introduction



I started my career in typesetting. I have also worked as a graphic designer, a desktop support engineer, a technologist in print management, a desktop software developer, and finally, a software engineer in web technologies. Being a software engineer is my favorite job. I am currently the Senior Drupal developer with Memorial Sloan Kettering Cancer Center where I work on the public facing web site for Memorial Sloan Kettering, www.mskcc.org. I spend my workdays doing module development and attending to everything required to run an enterprise level web site.



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What's Coming in Drupal 8.4

Current Development Cycle	
Week of July 31, 2017	8.4.0-alpha1 released and 8.5.x-dev opened.
Week of August 14, 2017	8.4.0-beta1 released.
Week of September 4, 2017	8.4.0-rc1 released. Final patch release window for 8.3.x (criticals only).
September 20, 2017	Final security release window for 8.3.x.
October 4, 2017	8.4.0 released.

References

<https://www.drupal.org/core/release-cycle-overview>



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What's Coming in Drupal 8.4

Experimental Modules' status towards 8.4 release

Starting in Drupal 8, the notion of [Experimental Modules](#) was added to help provide an early look at core features which are not yet complete. A major focus of Drupal 8.4.0 has been stabilizing these experimental modules, so that they can "graduate" to stable modules which can be installed in production and leveraged by other core and contrib modules.

References

<https://groups.drupal.org/node/517206>

<https://www.drupal.org/core/experimental>

<https://docs.google.com/document/d/1weMMEayH9rbJeG1GhS-7-Yz4APmryF5C7futEaQM-dw/edit#>



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Goals for Experimental Modules in 8.4.0:

- [Content Moderation](#): Move from alpha to beta (or even stable? [Watch this space](#))
 - [Workflow](#): Move from alpha to beta (or even stable? [Watch this space](#))
- [DateTime Range](#): Move to stable ([Done!](#))
- [Inline Form Errors](#): Move to stable ([Watch this space](#))
- [Layout Discovery](#): Move to stable ([Watch this space](#))
- [Media Entity](#): Move to stable (so contrib can rely on it), but hide module from UI (so end users don't accidentally turn this on solo, as it causes UX regressions) ([Done!](#))
- [Migrate / Migrate UI](#): Get as close to stable as possible.
- [Place block](#): Hide module from UI (so end users don't turn it on), propose instead as patch to "proper" Block module for 8.5.0
- [Settings Tray](#): Move from alpha to beta

Reference

<https://docs.google.com/document/d/1weMMEayH9rbJeG1GhS-7-Yz4APmryF5C7futEaQM-dw/edit#>



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Content Moderation

- Content moderation is an initiative whose development has been going on for seven to ten years.
- Content moderation and workflows are in core.
- There is a content moderation / workbench moderation effort going on in contrib as well.

Extend ☆

[List](#) [Uninstall](#)

[Home](#) » [Administration](#)

Download additional [contributed modules](#) to extend your site's functionality.

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.

Enter a part of the module name or description

▼ CORE (EXPERIMENTAL)

☒ **Content Moderation**

► Provides moderation states for content

☒ **Workflows**

► Provides UI and API for managing workflows. This module can be used with the Content moderation module to add highly customisable workflows to content.

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Datetime Range

Status – Stable

Latest comment by Matthew Donadio (mpdonadio)

Minor tweak to the DTR section. Hoping to get a better DT and DTR REST UX in 8.5.x, with some additional validators and normalizers.

Reference

<https://www.drupal.org/node/2893128#comment-12176768>

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Inline form errors

Status – Stable

<https://www.drupal.org/node/2897652>

Currently all Must-haves have been addressed.

All Should-have are either fixed, reviewed and tested by the community, or very close to be so.

Complete by July 30, 2017

[#2482783: File upload errors not set or shown correctly*](#) (try to backport a patch-safe hotfix)

Complete by August 7, 2017

[#2856950: Add a possibility to disable inline form errors for a complete form](#) follow up to allow any module/form to disable IFE.

[#2848507: Indicate that grouping elements have child element errors for ux and a11y*](#)

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Layout Discovery

Layout API

<https://www.drupal.org/docs/8/api/layout-api>

- In Drupal 7 to create custom displays, you would probably use Display Suite.
- Drupal 8 just added a potential alternative to the Display Suite in the core experimental modules. The Field Layout and Layout Discovery modules will allow you to assign a layout to specific content types.

Mark Layout Discovery is a stable module

<https://www.drupal.org/node/2834025>

Status - Closed (fixed)

Field Layout Module is still Core (Experimental).

References

<https://www.drupal.org/docs/8/api/layout-api/how-to-register-layouts>

<https://www.ostraining.com/blog/drupal/drupal-8-field-layout-an-alternative-to-display-suite/>

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Media

Media entity API

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

- Media entity provides a 'base' entity for media. This is a very basic entity which can reference all kinds of media-objects (local files, YouTube videos, Tweets, Instagram photos, ...). Media entity provides a relation between Drupal and the media resource. You can reference to/use this entity within any other Drupal entity.
- This module attempts to provide the base storage component for the Drupal 8 media ecosystem.
- **Media Entity will be in core**

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Migrate and Migrate UI

~~drush en -y migrate_drupal migrate migrate_ui~~

- Don't use drush. Use the UI. Drush downloads some other migrate modules which break your site.
- This bug is possibly fixed by now.
- All three modules are in Core (Experimental)

Extend ☆

[List](#) [Uninstall](#)

[Home](#) » [Administration](#)

Download additional [contributed modules](#) to extend your site's functionality.

Regularly review available updates to maintain a secure and current site. Always run the [update script](#) each time a module is updated. Enter a part of the module name or description.

Enter a part of the module name or description

▼ CORE (EXPERIMENTAL)

<input checked="" type="checkbox"/>	Migrate	► Handles migrations
<input checked="" type="checkbox"/>	Migrate Drupal	► Contains migrations from older Drupal versions.
<input checked="" type="checkbox"/>	Migrate Drupal UI	► Provides a user interface for migrating from older Drupal versions.

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Place block

The committers agreed that it doesn't make sense for Place Block to remain a separate module since it provides functionality that a site builder would not enable or disable independently.

The module is marked as hidden in the experimental package. This will avoid confusing Drupal users and prevent new sites from enabling the module via the UI.

```
drush en -y block_place
```

Place Blocks overview

<https://www.drupal.org/docs/8/core/modules/block-place/overview>

References

<https://docs.google.com/document/d/1weMMEayH9rbJeG1GhS-7-Yz4APmryF5C7futEaQM-dw/edit#>

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Settings Tray

Status – Core (Experimental)

<https://www.drupal.org/docs/8/core/modules/outside-in/overview>

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Thank you

Questions?

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