



DrupalCon
NASHVILLE 2018
APRIL 9-13

State of the Media Initiative

Core Conversation



Christian Fritsch ([chr.fritsch](#)), Adam Hoenich ([phenaproxima](#))

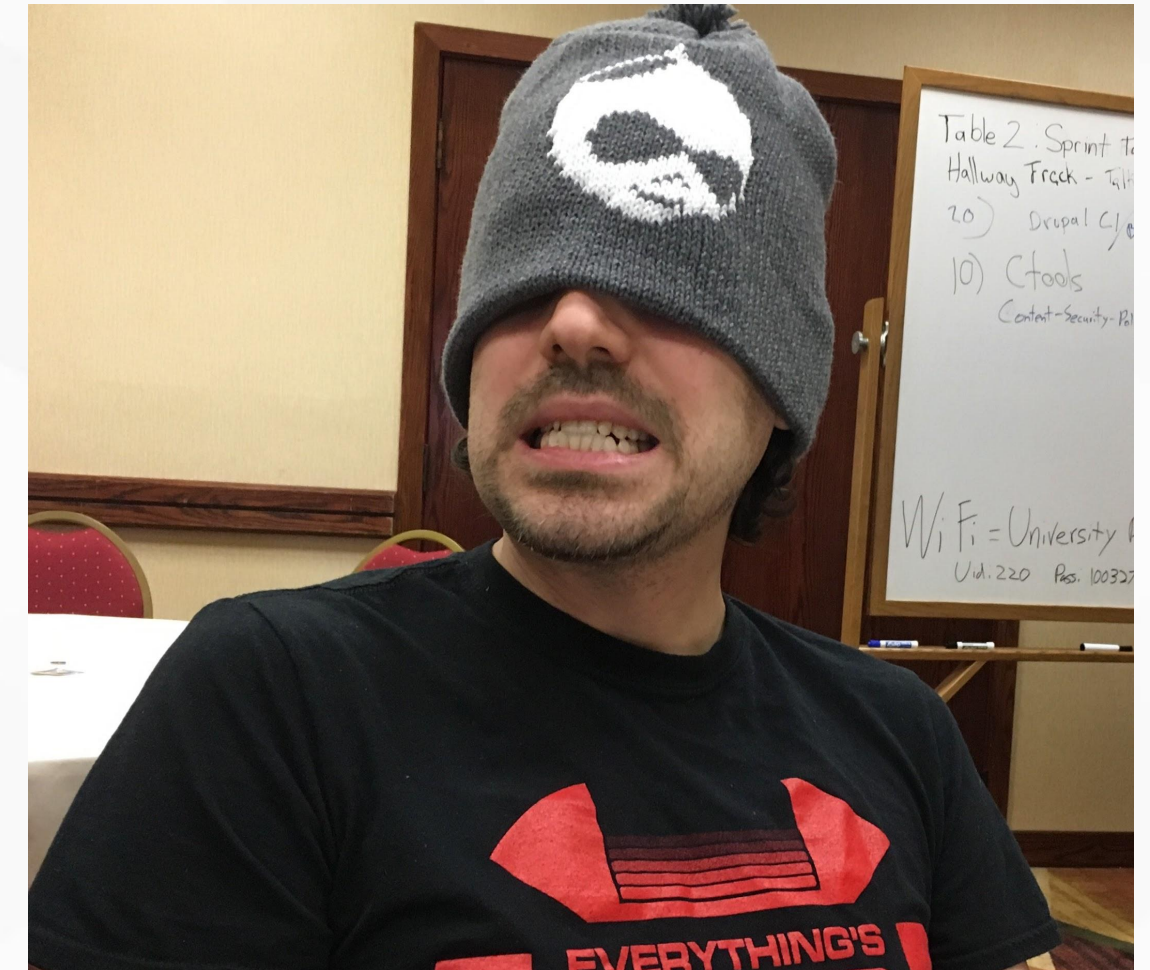
Christian Fritsch

- Senior Software Developer at **Thunder**
- On drupal.org since 07/02/2012 @ 9:19am (UTC)
- Twitter: @c_fritsch



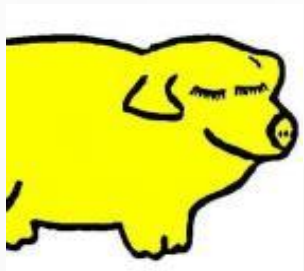
Adam Hoenich

- Software Engineer @ Acquia
- drupal.org 10-year club
- Subsystem maintainer for Media and Migrate
- Doesn't have a Twitter #rebel



Media Initiative

- Implement the basic media handling experience you'd expect in any decent CMS (upload, reference, re-use)
- Create a robust API for contributed modules
- Designed for integrating with third-party media services and DAMs



Media's architecture

- Media is a content entity, like nodes
- Media Types are config entities, like node types
- Every media type has a source plugin to abstract details away
- Media aren't just files...



New and improved in 8.5!

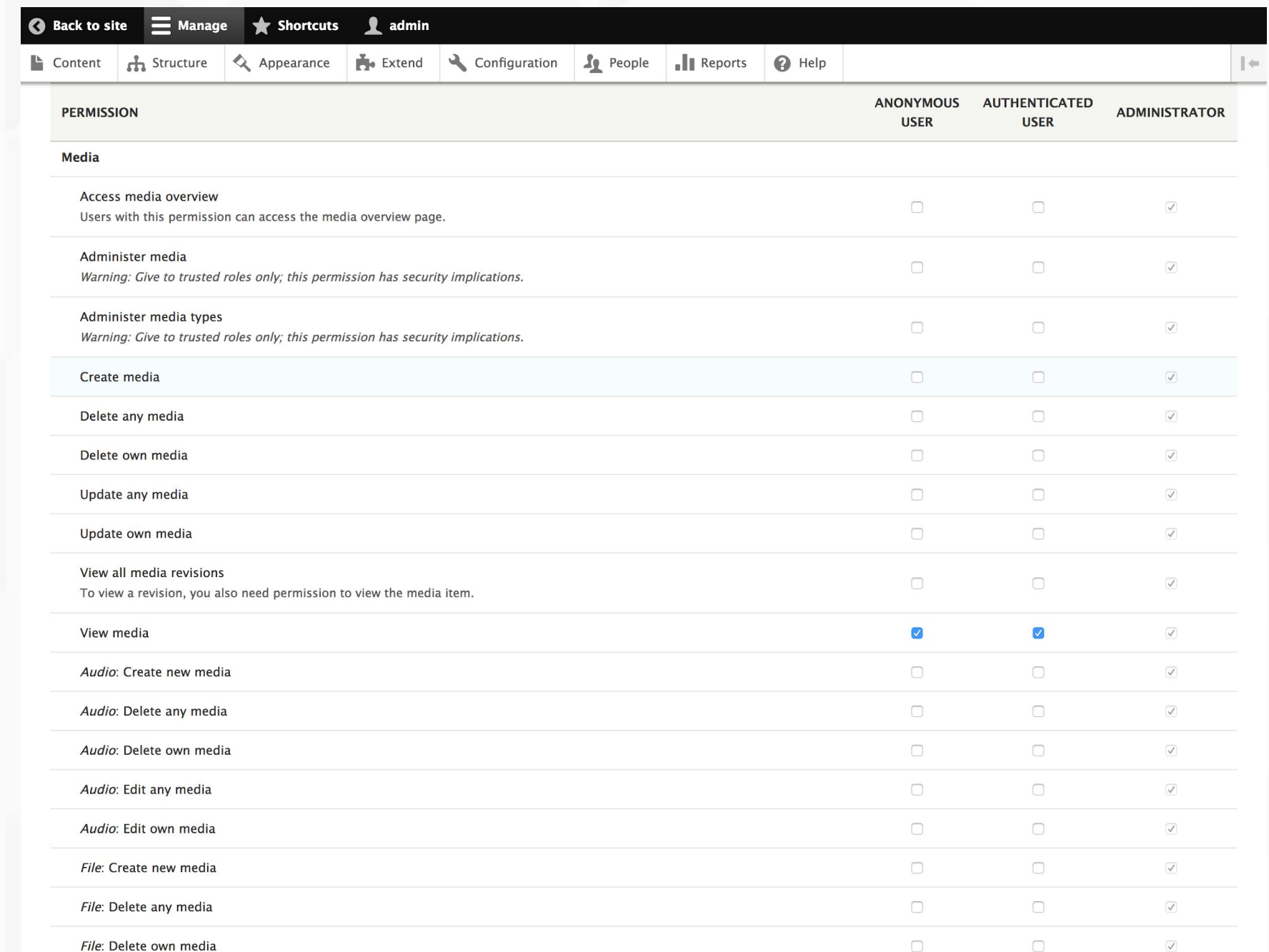
Media module is visible and recommended for everyone!



Type-specific permissions

Permissions for every new media type:

- Create new
- Delete any
- Delete own
- Edit any
- Edit own



PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Media			
Access media overview <small>Users with this permission can access the media overview page.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administer media <small>Warning: Give to trusted roles only; this permission has security implications.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administer media types <small>Warning: Give to trusted roles only; this permission has security implications.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Create media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Delete any media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Delete own media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Update any media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Update own media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
View all media revisions <small>To view a revision, you also need permission to view the media item.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
View media	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Audio</i> : Create new media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Audio</i> : Delete any media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Audio</i> : Delete own media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Audio</i> : Edit any media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Audio</i> : Edit own media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>File</i> : Create new media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>File</i> : Delete any media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>File</i> : Delete own media	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Audio and video file support

Thunderstruck

View

Edit

Delete



0:00 / 0:03



Thunder

View

Edit

Delete

Thunder



0:01 / 0:06



And more...

- Contextual link support
- Media list without Views
- Default configuration ships with Standard
- Bulk operations for media entities (8.6.x)



Roadmap

Right now...

You can reuse media, but it's not sexy at *all*:

MEDIA

Upload new media

Dateien auswählen 2 Dateien

Upload files here to create new media.

Unlimited number of files can be uploaded to this field.

128 MB limit.

Allowed types: mp3 wav aac txt rtf doc docx ppt pptx xls xlsx pdf odf odg odp ods odt fodt fods fodp fodg key numbers pages png gif jpg jpeg mp4.

Use existing media

Search...

Media library

Tags

Enter a comma-separated list. For example: Amsterdam, Mexico City, "Cleveland, Ohio"

MEDIA

Select from media library

Drop files to upload or browse



















+ Add external content

Media library

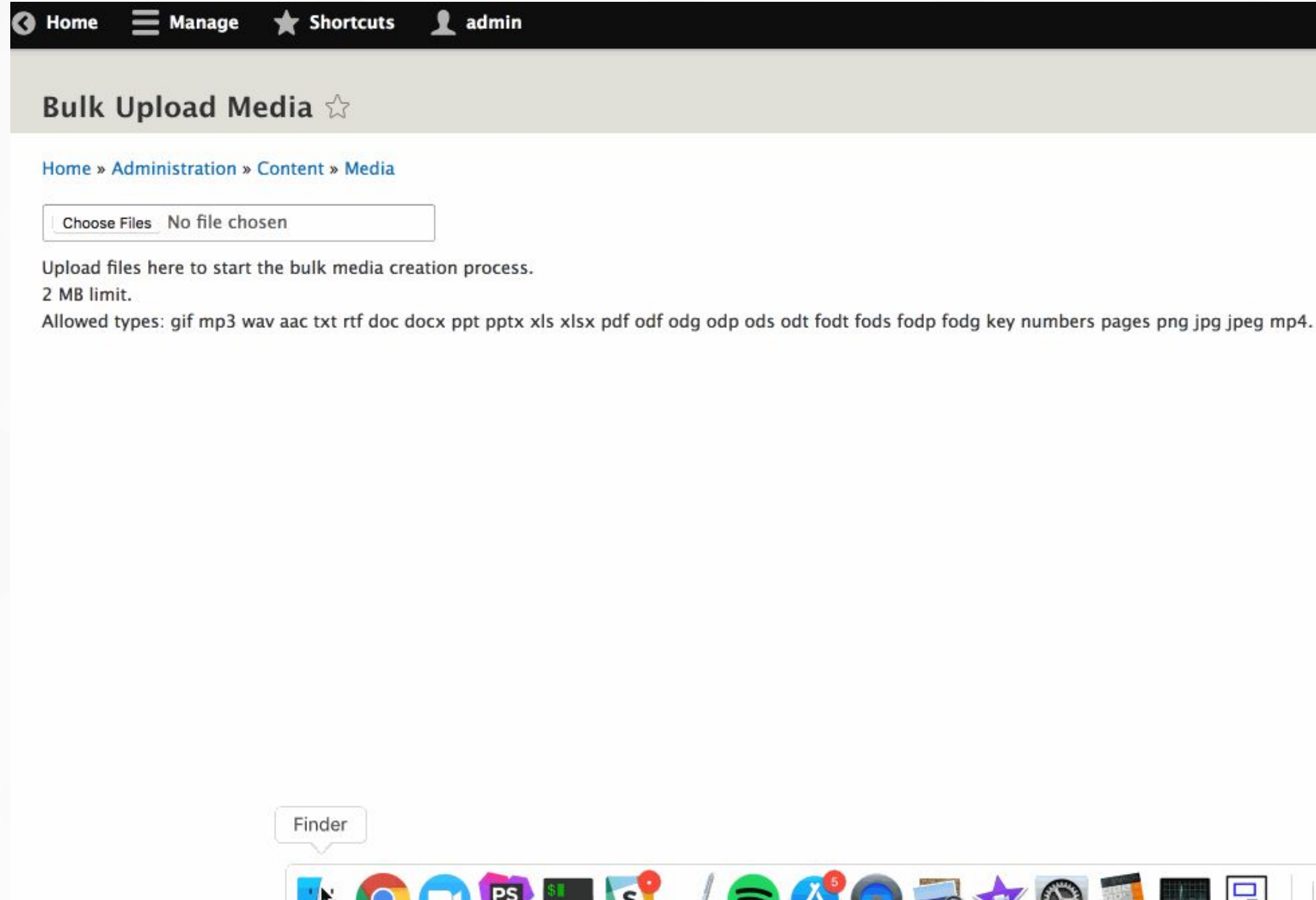
Media Library *MVP | Prototype v0.8* ×

All Categories Images Video [+ Add new media](#)

Sort *Select an item*

Media bulk upload



The screenshot shows the Drupal administration interface for bulk media upload. At the top, a navigation bar includes links for Home, Manage, Shortcuts, and the user 'admin'. Below this is a breadcrumb trail: Home » Administration » Content » Media. The main content area features a file selection button labeled 'Choose Files' with the text 'No file chosen' next to it. Below the button, instructions state: 'Upload files here to start the bulk media creation process. 2 MB limit. Allowed types: gif mp3 wav aac txt rtf doc docx ppt pptx xls xlsx pdf odf odg odp ods odt fodt fods fodp fodg key numbers pages png jpg jpeg mp4.' At the bottom of the screenshot, a 'Finder' window title is visible above a Windows taskbar containing icons for various applications like Chrome, Photoshop, and Spotify.

oEmbed support

Edit *YouTube* Imagine Dragons - Thunder ☆

View

Edit

Delete

Home » [Imagine Dragons - Thunder](#)

Remote video *

- You can link to media from the following services: YouTube

URL alias

Specify an alternative path by which this data can be accessed. For example, type "/about" when writing an about page.

Revision information

No revision

Create new revision

Authoring information

By admin (1) on 2018-03-08

Published

Save

Delete

Imagine Dragons - Thunder

View

Edit

Delete

Thu, 03/08/2018 - 12:14

[admin](#)

Remote video



WYSIWYG integration

- Provide a text filter to simply embed “live” entities into CKeditor text
- Provide a CKeditor plugin to select media items and place them in the editor



Upgrading from Media Entity

Upgrade path

- Use **Media Entity 2.x** to upgrade
- Contrib modules which already support core Media:
drupal.org/project/drupal/issues/2860796
- How to port your custom code to core Media:
drupal.org/node/2863992
- The upgrade path, in detail:
drupal.org/project/media_entity



Demo



Contributing



DrupalCon
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Join us for contribution sprints

Friday, April 13, 2018

Mentored Core sprint

9:00-12:00
Room: Stolz 2

First time sprinter workshop

9:00-12:00
Room: Stolz 2

General sprint

9:00-12:00
Room: Stolz 2

#drupalsprint



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What did you think?

Locate this session at the DrupalCon Nashville website:

<http://nashville2018.drupal.org/schedule>

Take the Survey!

<https://www.surveymonkey.com/r/DrupalConNashville>

Thank you!



Questions?



Thank you!
