

# Site Building Tools, Tips, Modules, and Tricks

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# Welcome

- Who is this chick?
- Who is this for?
- What are we here to learn?

# Hi, I'm Shani

- Front-end Web Developer / Designer
- Drupal Site Builder & Themer
- Still new to some Drupal, not ashamed!



# Who are you?

- This session is for site builders who might wonder:
  - "Why didn't I know about this module 3 websites ago?"
  - "Isn't there a better way to search and sort all of this content?"
  - "Will this task require custom code?"
  - "Is there a module for that??"
- Anyone else in the house?

# What you'll learn today

- A few modules that make viewing and using the Drupal admin area easier
- Simple Drush (Drupal Shell) commands to help you manage your site quickly
- Tried and true resources that help you learn Drupal at your own pace
- What other attendees are doing and using during a share and tell segment
- What we'll miss:
  - Drupal site building or theming basics
  - Creating modules
  - Installing drush

*This session will be geared to those using Drupal 7, but with an emphasis on tools and modules also available in Drupal 8. (Any encouragement to migrate your Drupal 7 websites to Drupal 8 is ~~purely~~ possibly coincidental ☺)*

# Modules for Site Builders

# The Essentials

- Views
- Token
- Webform
- CKEditor
- Block Class
- Menu Attributes
- Link
- Media
- Pathauto
- Context
- Superfish
- Paragraphs
- Find content
- Views slideshow
- Admin Toolbar
- Display Suite
- Replicate
- Flexslider
- Slick Slideshows
- Language Switcher Dropdown
- Node Export
- Automated Logout
- Backup and Migrate
- Select (or Other)
- and so many more!

# Today's Highlights

- Module Filter
- Administration Views
- EIM (Extend Image Module)
- Focal Point
- Field Group

# Module Filter

[drupal.org/project/module\\_filter](https://drupal.org/project/module_filter)

- Improves module readability and findability
- Available for Drupal 7 and 8
- Some functionality built into Drupal 8 core

# Module Filter

## Drupal Extend / Modules Page (/admin/modules)

[+ Install new module](#)

Filter by name or description  
Enter a part of the module name or description

---

▶ CORE

---

▶ CORE (EXPERIMENTAL)

---

▼ FIELD TYPES

<input checked="" type="checkbox"/>	<b>Datetime</b>	▶ Defines datetime form elements and a datetime field type.
<input checked="" type="checkbox"/>	<b>Entity Reference Revisions</b>	▶ Adds a Entity Reference field type with revision support.
<input checked="" type="checkbox"/>	<b>File</b>	▶ Defines a file field type.
<input checked="" type="checkbox"/>	<b>Image</b>	▶ Defines an image field type and provides image manipulation tools.
<input checked="" type="checkbox"/>	<b>Link</b>	▶ Provides a simple link field type.
<input checked="" type="checkbox"/>	<b>Options</b>	▶ Defines selection, check box and radio button widgets for text and numeric fields.
<input type="checkbox"/>	<b>Telephone</b>	▶ Defines a field type for telephone numbers.

# Module Filter

## Modules Page with Module Filter Enabled (Drupal 7)

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

	Filter list		
	<input type="checkbox"/> Enabled <input type="checkbox"/> Disabled <input type="checkbox"/> Required <input type="checkbox"/> Unavailable		
	NAME	DESCRIPTION	LINKS
<input type="checkbox"/> OFF	<b>Actions permissions (VBO)</b> (actions_permissions)	► Provides permission-based access control for actions. Used by Views Bulk Operations.	
<input type="checkbox"/> ON	<b>Administration Development tools</b> (admin_devel)	► Administration and debugging functionality for developers and site builders.	
<input type="checkbox"/> ON	<b>Administration menu</b> (admin_menu)	► Provides a dropdown menu to most administrative tasks and other common destinations ...	<a href="#">Help</a> ▾
<input type="checkbox"/> OFF	<b>Administration menu Toolbar style</b> (admin_menu_toolbar)	► A better Toolbar.	
<input type="checkbox"/> ON	<b>Administration views</b> (admin_views)	► Replaces all system object management pages in Drupal core with real views.	
<input type="checkbox"/> ON	<b>Module filter</b> (module_filter)	► Filter the modules list.	<a href="#">Help</a> ▾
<a href="#">Save configuration</a>			

# Module Filter

## Modules Page with Module Filter Enabled (Drupal 8)

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

**All modules** 3  
48 of 80

**Recently enabled** 0

**Newly available** 0

**Core** 2

**FlexSlider** 1

Enabled  Disabled  Unavailable

**FlexSlider Views Style** ▶ Adds a Views style plugin for FlexSlider

**Views** ▶ Create customized lists and queries from your database.

**Views UI** ▶ Administrative interface for Views.

[Install](#)

# Administration Views

[drupal.org/project/admin\\_views](https://drupal.org/project/admin_views)

- Replaces object management pages in Drupal core with Views
- Useful for sorting and finding content
- Included in Drupal 8 core (but still maintained for 7)

# Administration Views

## Drupal 7 Core Content Page (/admin/content)

[+ Add content](#)

SHOW ONLY ITEMS WHERE

status

type

language

**X** - no searching  
- no custom / additional filters

UPDATE OPTIONS

<input type="checkbox"/>	TITLE	TYPE ▲	AUTHOR	STATUS	UPDATED	LANGUAGE	OPERATIONS
<input type="checkbox"/>	<a href="#">Gibson Beaches Portrait Competition Finalist Announced</a>	Article	<a href="#">World</a>	published	Sep 28, 2015 4:07 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">New Open-Dark Fields of the Republic: Alexander Gardner Photographs, 1819-1872</a>	Article	<a href="#">World</a>	published	Sep 28, 2015 3:32 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Living Self-Portrait: Delores Huerta</a>	Article	<a href="#">World</a>	published	Sep 28, 2015 3:28 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Considering Leah Chase</a>	Article	<a href="#">World</a>	published	Sep 28, 2015 3:23 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Smithsonian's First Major Retrospective of Alexander Gardner's Photographs at the National Portrait Gallery</a>	Article	<a href="#">World</a>	published	Sep 28, 2015 4:11 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">40th Anniversary of the Death of Dr. Martin Luther King, Jr.</a>	Blog	<a href="#">World</a>	published	Feb 20, 2016 3:33 AM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">The Olindeath Portraits: A Valentine Story</a>	Blog	<a href="#">World</a>	not published	Dec 11, 2015 5:01 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">George from Paris, 1780: John Paul Jones</a>	Blog	<a href="#">World</a>	published	Mar 17, 2016 8:51 PM	Language neutral	<a href="#">edit</a> <a href="#">delete</a>

# Administration Views

## Drupal 7 Content Page with Administration Views (admin\_views) enabled

[+ Add content](#)

Title  Type  Author  Published  Vocabulary

### OPERATIONS

<input type="checkbox"/>	TITLE	TYPE ▲	AUTHOR	PUBLISHED	UPDATED	OPERATIONS
<input type="checkbox"/>	<a href="#">New Open-Dark Fields of the Republic: Alexander Gardner Photographs, 1819-1872</a>	Article	<a href="#">View</a>	Yes	Sep 28, 2015 3:32 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Dublin Beaches: Portrait Competition Results Announced</a>	Article	<a href="#">View</a>	Yes	Sep 28, 2015 4:07 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Smithsonian's First Major Retrospective of Alexander Gardner's Photographs at the National Portrait Gallery</a>	Article	<a href="#">View</a>	Yes	Sep 28, 2015 4:11 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Considering Leah Chase</a>	Article	<a href="#">View</a>	Yes	Sep 28, 2015 3:23 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Living Self-Portrait: Debrahn Harris</a>	Article	<a href="#">View</a>	Yes	Sep 28, 2015 3:28 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Grant and Lee: Two Lives, One Gallery</a>	Blog	<a href="#">View</a>	Yes	Dec 11, 2015 5:01 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">Portrait of an Artist: Heidi Fischer</a>	Blog	<a href="#">View</a>	Yes	May 20, 2016 2:04 PM	<a href="#">edit</a> <a href="#">delete</a>
<input type="checkbox"/>	<a href="#">"Cross the Coast" - Cross Cleveland's Birthday</a>	Blog	<a href="#">View</a>	Yes	Dec 11, 2015 5:01 PM	<a href="#">edit</a> <a href="#">delete</a>

# Administration Views

## Drupal 8 Core Content Page

+ Add content

Published status  Content type  Title  Language

Filter

Action

Delete content

Apply to selected items

<input type="checkbox"/>	TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
<input type="checkbox"/>	<a href="#">40 Year-old Virgin</a>	Movie	<a href="#">sfelder</a>	Published	12/03/2016 - 17:08	Edit
<input type="checkbox"/>	<a href="#">Think Like a Man</a>	Movie	<a href="#">sfelder</a>	Published	12/03/2016 - 17:07	Edit
<input type="checkbox"/>	<a href="#">The Hobbit</a>	Movie	<a href="#">sfelder</a>	Published	12/03/2016 - 17:07	Edit

# Administration Views

Drupal 7 Administrative Node View (/admin/structure/views/view/admin\_views\_node)

Drupal 8 Content View (/admin/structure/views/view/content)

The screenshot displays the Drupal 7 administrative interface for configuring a view. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and the user 'sfelder'. The main navigation menu contains 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The view configuration page is titled 'Content' and is located at the path '/admin/structure/views/view/content'. The configuration is organized into several sections:

- TITLE**: Title: Content
- FORMAT**: Format: Table | Settings
- FIELDS**: A list of fields with an 'Add' button. Fields include: Content: Node operations bulk form, Content: Title (Title), Content: Content type (Content type), (author) User: Name (Author), Content: Publishing status (Status), Content: Changed (Updated), and Content: Operations links (Operations).
- FILTER CRITERIA**: A list of filter criteria with an 'Add' button. Criteria include: Content: Published status or admin user, Content: Publishing status (grouped), Content: Content type (exposed), Content: Title (exposed), and Content: Translation language (exposed).
- PAGE SETTINGS**: Path: /admin/content/node, Menu: Tab: Content | Parent menu item, Access: Permission | Access the Content overview page.
- HEADER**: Add button.
- FOOTER**: Add button.
- NO RESULTS BEHAVIOR**: Add button. Global: Unfiltered text (Global: Unfiltered text).
- PAGER**: Use pager: Full | Paged, 50 items, More link: No.
- ADVANCED**:
  - CONTEXTUAL FILTERS**: Add button.
  - RELATIONSHIPS**: Add button. author.
  - EXPOSED FORM**: Exposed form in block: No, Exposed form style: Basic | Settings.
  - OTHER**: Machine Name: page\_1, Administrative comment: None, Use AJAX: No, Hide attachments in summary: No, Contextual links: Hidden, Use aggregation: No, Query settings: Settings, Caching: Tag based, CSS class: None.

# EIM (Extend Image Module)

[drupal.org/project/eim](https://drupal.org/project/eim)

- Allows us to make image Alt text and title text required!
  - These are not required by default in Drupal 7
- Included in Drupal 8 core

# EIM (Extend Image Module)

## Drupal 7 Core Default Accessible Image Options

Enable *Alt* field

The alt attribute may be used by search engines, screen readers, and when the image cannot be loaded.

Enable *Title* field

The title attribute is used as a tooltip when the mouse hovers over the image.

## Drupal 7 Image Field in Add Content Form

Page Image



[Image Preview](#)

 bluesamba.gif (3.12 KB)

Remove

Alternate text

This text will be used by screen readers, search engines, or when the image cannot be loaded.



**Alt text not required, easily skipped**

# EIM (Extend Image Module)

## Drupal Accessible Image Options with EIM enabled

Enable *Alt* field

The alt attribute may be used by search engines, screen readers, and when the image cannot be loaded. Enabling this field is recommended.

*Alt* field required

Making this field required is recommended.

Enable *Title* field

The title attribute is used as a tooltip when the mouse hovers over the image. Enabling this field is not recommended as it can cause problems with screen readers.

## Drupal Image Field in Add Content Form

### Page Image



[Image Preview](#)

 bluesamba.gif (3.12 KB)

Remove

Alternate text \*

This text will be used by screen readers, search engines, or when the image cannot be loaded.

# Focal Point

[drupal.org/project/focal\\_point](https://drupal.org/project/focal_point)

- Never allow Drupal to crop a bad image again!
- Eliminate the need for multiple dimensions of the same image
- Specify the most important portion of an image (its focal point)
- Blends nicely with Drupal's image styles and various image sizes
- Available for Drupal 7 and 8

# Focal Point

## Default image field in content form

**Image**



[Image Preview](#)

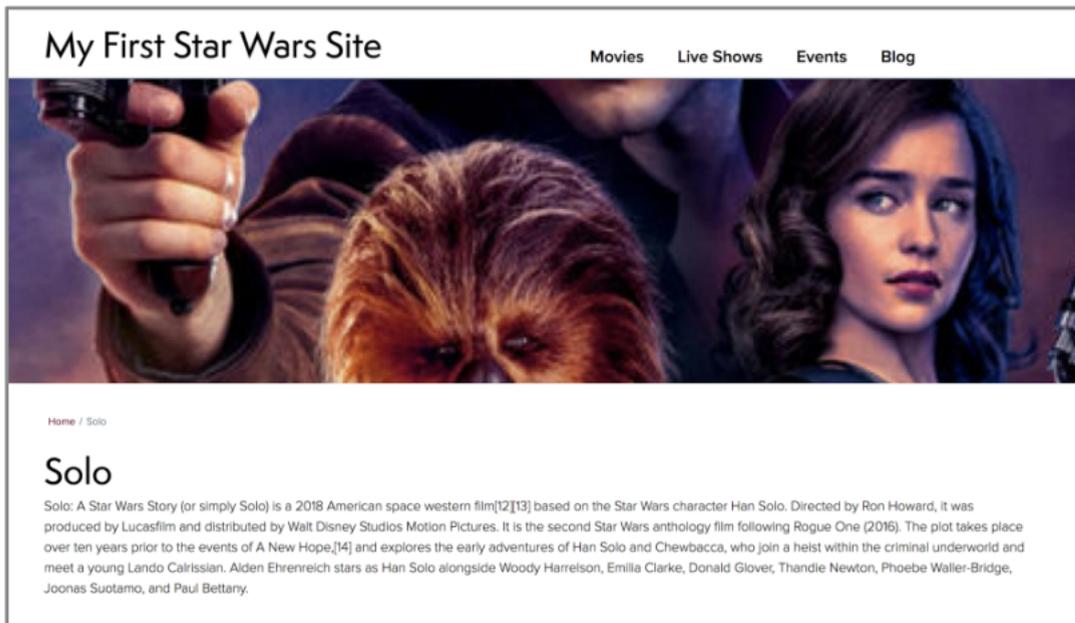
 Solo-A-Star-Wars-Story-new-poster-948553.jpg (50.2 KB) [Remove](#)

**Alternate text \***

This text will be used by screen readers, search engines, or when the image cannot be loaded.

# Focal Point

Hero image, no focal point



The movie's main character is cropped out of the image!

# Focal Point

Install the Crop & Focal Point Modules, select the “Focal Point Scale & Crop” effect for your Image Style

**Image style name \***

Page Hero Image (1900x640) Machine name: hero\_1900x640 [\[Edit\]](#)

---

**EFFECT**

+ Focal Point Scale and Crop 1900x640

+ **Select a new effect** Add

- Manual crop
- Focal Point Crop
- Focal Point Scale and Crop
- Convert

# Focal Point

## Adjust the image's focal point in your content

### Image



[Image Preview](#)

 [Solo-A-Star-Wars-Story-new-poster-948553.jpg](#) (50.2 KB)

[Remove](#)

### Alternate text \*

Solo movie poster

This text will be used by screen readers, search engines, or when the image cannot be loaded.

Click and drag the crosshair to target the most important portion of the image. This portion of the image will never be cropped.

### Page Image



[Image Preview](#)

# Focal Point

Hero image, with focal point assigned

## My First Star Wars Site

- Movies
- Live Shows
- Events
- Blog



Home / Solo

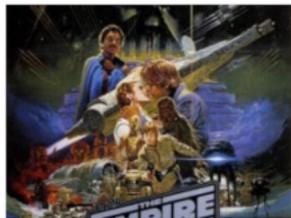
### Solo

Solo: A Star Wars Story (or simply Solo) is a 2018 American space western film<sup>[12][13]</sup> based on the Star Wars character Han Solo. Directed by Ron Howard, it was produced by Lucasfilm and distributed by Walt Disney Studios Motion Pictures. It is the second Star Wars anthology film following Rogue One (2016). The plot takes place over ten years prior to the events of A New Hope,<sup>[14]</sup> and explores the early adventures of Han Solo and Chewbacca, who join a heist within the criminal underworld and meet a young Lando Calrissian. Alden Ehrenreich stars as Han Solo alongside Woody Harrelson, Emilia Clarke, Donald Glover, Thandie Newton, Phoebe Waller-Bridge, Joonas Suotamo, and Paul Bettany.

# Focal Point

Content blocks with varied image sizes using the same image style

## Upcoming Shows



Star Wars: The Empire  
Strikes Back

Mon Jun 25



Star Wars Marathon

Wed Jun 20



Solo

Tue Jun 12



Star Wars Made Simple

Mon Jun 11

# Focal Point

Adjust the focal point for each node's image



Star Wars: The Empire  
Strikes Back

Mon Jun 25



Star Wars Marathon

Wed Jun 20



Solo

Tue Jun 12



Star Wars Made Simple

Mon Jun 11

# Field Group

[http://drupal.org/project/field\\_group](http://drupal.org/project/field_group)

- Makes organizing fields easier, more intuitive
- Cleans up the Add content form
- Choose from Tab, Accordion, other UI options
- Available for Drupal 7 or 8

# Field Group

## Default Content type > Manage Fields Page

<a href="#">+ Add group</a>		
FIELD	WIDGET	
 Movie Title	<input type="text" value="Textfield"/>	Textfield size: 60
 Body	<input type="text" value="Text area with a summary"/>	Number of rows: 9 Number of summary rows: 3
 Release Year	<input type="text" value="Number field"/>	No placeholder
 Genre	<input type="text" value="Check boxes/radio buttons"/>	
 Director	<input type="text" value="Textfield"/>	Textfield size: 60
 Featured Actor	<input type="text" value="Textfield"/>	Textfield size: 60

# Field Group

Add content form

**Create Movie**

Movie Title \*

Body (Rich text editor)

Text format: Basic (HTML)

Release Year

Genre

Biographical

Comedy

Drama

Romantic Comedy

Sci-Fi

Director

**FEATURED ACTOR**

These are featured actors in this movie.

Synopsis

Location

**REVIEWS**

Add another item

**ADDITIONAL ACTORS**

Last saved: Not saved and another actor

Create new review

Review log message

Briefly describe the changes you have made.

• MENU SETTINGS

• URL PATH SETTINGS

• AUTHENTIC INFORMATION

• PROMOTION OPTIONS

# Field Group

Create, drag and drop groups of fields

FIELD	WIDGET		
+ Tab Group	Content	Tabs	Direction: vertical
+ Main Details	Content	Tab	Tab: open
+ Movie Title	Textfield	Textfield size: 60	⚙️
+ Synopsis	Text area with a summary	Number of rows: 9 Number of summary rows: 3	⚙️
+ Release Year	Number field	No placeholder	⚙️
+ Genre	Check boxes/radio buttons		
+ Location	Textfield	Textfield size: 60	⚙️
+ Images and Video	Content	Tab	Tab: closed
+ Image	Image	Preview image style: Thumbnail (100x100) Progress indicator: throbber	⚙️
+ Full Cast and Crew	Content	Tab	Tab: closed
+ Director	Textfield	Textfield size: 60	⚙️

# Field Group

Add content form is now tabbed and organized

The screenshot displays a Drupal administration page for creating a new 'Movie' content type. The page features a top navigation bar with links for Home, Manage, Shortcuts, and the user profile 'sfelder'. Below this is a secondary navigation bar with links for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help.

The main content area is titled 'Create Movie' and includes a breadcrumb trail: Home » Node » Add content. The form is organized into several tabbed sections on the left:

- Main Details** (active tab)
- Images and Video
- Full Cast and Crew
- Ratings and Reviews

The 'Main Details' section contains the following fields and options:

- Movie Title**: A text input field.
- Synopsis (Edit summary)**: A rich text editor with a toolbar containing Bold (B), Italic (I), Underline (U), Bulleted List (ul), Numbered List (ol), Indent Left, Indent Right, Format, and Source.
- Text format**: A dropdown menu currently set to 'Basic HTML', with a link to 'About text formats'.
- Release Year**: A text input field with a label 'The release year of the movie.'
- Genre**: A list of radio buttons for 'Eroticism', 'Comedy', 'Drama', 'Romantic Comedy', and 'Sci-Fi'.
- Location**: A text input field with a label 'This is the movie's tag.'

At the bottom of the form are two buttons: 'Save and publish' and 'Preview'.

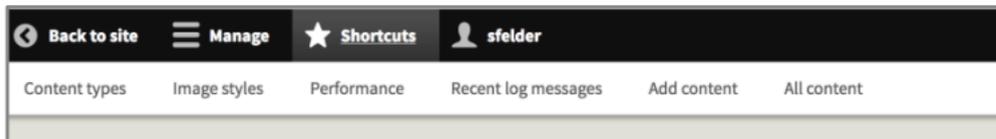
On the right side of the page, there is a sidebar with the following information:

- Last saved:** Not saved yet
- Author:** sfelder
- Create new revision**
- Revision log message**: A text input field.
- Briefly describe the changes you have made.**: A text input field.
- MENU SETTINGS**: A button.
- URL PATH SETTINGS**: A button.
- AUTHORING INFORMATION**: A button.
- PROMOTION OPTIONS**: A button.

# Tips & Tricks for Site Builders

# The Essentials

- Adopt a Content First attitude
  - Plan then build
- Follow the Drupal Way
  - Separate the content, theme, and functionality layers
  - Work with Drupal, not against it
  - Think of those that will follow
- Use your admin shortcuts!



# Drupal Report Log

/admin/reports/dblog > Use filters

## Recent log messages ☆

[View](#) [Delete](#)

[Home](#) > [Administration](#) > [Reports](#)

The Database Logging module logs system events in the Drupal database. Monitor your site or debug site problems on this page.

### FILTER LOG MESSAGES

Type	Severity	
access denied	Emergency	<a href="#">Filter</a> <a href="#">Reset</a>
block_content	Alert	
content	Critical	
cron	Error	
menu	Warning	
menu_link_content	Notice	
node	Info	
page not found	Debug	

TYPE	DATE	MESSAGE	USER	OPERATIONS
content	08/21/2018 - 01:17	movie: added Star Wars.	sfelder	<a href="#">View</a>
content	12/03/2016 - 17:08	movie: updated 40 Year-old Virgin.	sfelder	<a href="#">View</a>
content	12/03/2016 - 17:07	movie: updated Think Like a Man.	sfelder	<a href="#">View</a>
content	12/03/2016 - 17:07	movie: updated The Hobbit.	sfelder	<a href="#">View</a>
content	12/03/2016 - 17:06	movie: updated The Desolation of Smaug.	sfelder	<a href="#">View</a>

# Simple Drush Commands for Site Builders

- Manage your site quickly
- Manage yourself and other users quickly

# Drush Site Management

## Open your Drupal Shell (Drush)

- Open Terminal, Command Prompt or another command line interface
  - If using Acquia Dev Desktop, click the terminal window icon 
- Navigate to your site: `$ cd sites/myDrupalSite`

## Manage your database

- **Backup:** `$ drush sql-dump --result-file=my_backup_file.sql`
- **Restore**
  - `$ drush sql-drop` (drop / clear all tables)
  - `$ drush sql-cli < my_backup_file.sql` or `~/my_backup_file.sql`
  - **Update:** `$ drush updatedb` or `$ drush updb`

## Clear your site's cache

- **Drupal 7:** `$ drush cc all`
  - `$ drush cc css-js`
- **Drupal 8:** `$ drush cr`

## Manage your modules

- **List:** `$ drush pml` or `$ drush pm-list`
- **Enable and disable**
  - `$ drush en <module_name>` or `$ drush en <module_name>*`
  - `$ drush dis <module_name>`
- **Download:** `$ drush dl <module_name> -y`
- **Update all:** `$ drush up`
- **Uninstall:** `$ drush dl <module_name> -y`

# Drush User Management

## Create a new user

- `$ drush ucr <username>`
- `$ drush ucr sfelder2 --mail=sfelder@email.com --password=password1`

User ID	: 758
User name	: sfelder2
User mail	: sfelder@email.com
User roles	: authenticated user
User status	: active

## Manage roles

- **View info:** `$ drush uinf sfelder2`
- **Add new role:** `$ drush urol "administrator" sfelder2`

## Manage user account access

- **Unblock a user after too many password attempts**  
`$ drush uublk <username>`
- **Change a password**  
`$ drush upwd <username> --password="SOMEPASSWORD"`

## Log in with a one time link

- **Works with the WSOD!**
- `$ drush user-login sfelder2`
- Generates a link, copy the entire URL *after* "http://default" and paste into your address bar after your site domain
  - `mylocalsite.com/user/reset/1/678971620/n75RR6vYYjNqcb6jCAMERAz7rA6Iy-X_12345unj04R-fE/login`

# Tools & Resources for Site Builders

# Site Building Toolbox

- WebAIM Color Contrast Checker
  - <https://webaim.org/resources/contrastchecker>
  - Check RGB hexadecimal text colors against various backgrounds for accessibility
- Dirty Markup
  - <http://www.10bestdesign.com/dirtymarkup>
  - Beautify poorly formatted HTML, CSS, or JS
- Convert Case
  - <http://convertcase.net>
  - Convert text to upper, lower, or Sentence case
- 0to255
  - <http://www.0to255.com>
  - Pick a color, any color
- Lorem Pixel
  - <http://loempixel.com>
  - Image placeholders at any size!

# Resources for Site Builders

- Drupalize.me
  - <http://drupalize.me>
- Code Karate
  - [http://codekarate.com/codekarate-posts/type/daily\\_dose\\_of\\_drupal](http://codekarate.com/codekarate-posts/type/daily_dose_of_drupal)
- Drupal Documentation
  - <http://www.drupal.org/documentation>
- YouTube
  - [http://www.youtube.com/results?search\\_query=drupal+site+building](http://www.youtube.com/results?search_query=drupal+site+building)
- Your favorite search engine!

# Thank you!

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Shani Felder

[drupal.org/u/sfelder](https://drupal.org/u/sfelder)