# Tutorial 10 Learning Objectives

Managing Media with the new Drupal 8 Media Library

JavaScript (JA) Libraries on Drupal 8

Drupal 8 Blocks and Theme Regions

Drupal 8 Block Views – FlexSlider Slideshow  
Updating Drupal 8 Minor Core updates on Shared and Cloud Platforms (DEMO)

Updating Contributed Modules On All Platforms (DEMO)

Trusted Host Fix on Codeanywhere  
  
**Tutorial Parts Index:**

Part A - Student contact Info

Part B – Use Existing Drupal 8 Sites from shared web host and Cloud Platforms  
Part C - Extending Drupal 8 with Media and Media Library

Part D - Extending Drupal 8 with Blocks

Part E - Extending Drupal 8 with JS Libraries (FlexSlider)  
Part F – Updating Drupal 8 – Minor Core Update (DEMO ONLY)

Part G – Updating Drupal 8 – How to update Contributed Modules (DEMO ONLY)

Part H – Fixing the Trusted Host – Only Codeanywhere

Part A – Student information

1. Download the Tutorial 10 assets zip file, template and instruction files from D2L.
2. Expand the asset file on your computer
3. Rename the template document   
   **[Your-Name or Initials]-**Tutorial-10-Template.docx
4. Open the renamed template file for editing.
5. Go to **Part A** and add your name and contact info.

Part B – Use Existing Drupal 8 sites from all Platforms

* If you do not have existing Drupal 8 sites on Shared Web Host (or Pantheon) and Codeanywhere, please create them before starting this tutorial.
* Go to the Tutorial 10 Template and take the requested screen captures and or answer the questions for Part B.

Part C – Extending Drupal with media and Media Library

* Open a web browser and navigate to your Drupal site
* Login as the site admin
* Follow along with the tutorial at Part C as we review the new Drupal 8 Media and Media Library modules
* First, we will review why we should use the media library to prevent duplicate images casing wasted space on Drupal CSM sites
* Then we will demo how to enable and use the media and media library modules to add images in a manor very similar to the WordPress Media manager.
* Last, we will create a custom content type Photograph record, and use its template to add thumbnail and medium sized images to the same record while preventing 2 image file uploads.
* Go to the Tutorial 10 Template and take the requested screen captures and or answer the questions for Part c.

Part D - Extending Drupal 8 with Blocks

* Open a web browser and navigate to your Drupal site
* Login as the site admin
* Follow along with the tutorial at Part D as we how to create basic Blocks and assign them to theme regions
* Go to the Tutorial 10 Template and take the requested screen captures and or answer the questions for Part D.

Part E– Extending Drupal 8 JS Libraries (FlexSlider)

* Open a web browser and navigate to your Drupal site
* Login as the site admin
* Follow along with the tutorial at Part E as we how to implement a FlexSlider sideshow as a Block view
* Go to the Tutorial 10 Template and take the requested screen captures and or answer the questions for Part E.

Part F – Updating Drupal 8 – Minor Core Update (DEMO ONLY)

Keeping your Drupal 8 CMS system up to date is critical to keeping your site safe.  
If you configured your Drupal 8 site to email core update notices, you will be notified the moment they are available.   
The one important thing you need to know about Drupal minor core updates, is that they cannot be applied from within the Drupal site backend.  
To apply a Drupal minor core update you must have one for the following:

1. A shared web host that offers core updates from the cPanel
2. A web host that offers SSH Terminal command line access, where you can run the necessary Unix commands to backup and then update your Drupal core files and apply database updates.
3. A web host that offers their own update mechanism for site updates

Please watch the following videos as the instructor demonstrates Drupal 8 minor core updates on multiple platforms.

Go to the Tutorial 10 Template and answer the questions for Part F

Part G– Updating Drupal 8 – Updating Contrib Modules (DEMO ONLY)

Keeping your Drupal 8 CMS contributed modules up to date is critical to keeping your site safe.  
If you configured your Drupal 8 site to email module notices, you will be notified the moment they are available.   
The one important thing you need to know about Drupal module updates, is that they are applied from within the Drupal site backend.  
To apply a Drupal minor core update you must have one for the following:

1. A shared web host that offers core updates from the cPanel
2. A web host that offers SSH Terminal command line access, where you can run the necessary Unix commands to backup and then update your Drupal core files and apply database updates.
3. A web host that offers their own update mechanism for site updates

Please watch the following videos as the instructor demonstrates Drupal 8 minor core updates on multiple platforms

Go to the Tutorial 10 Template and answer the questions for Part G.

Part H– Fixing the Trusted Host Error (DEMO ONLY)

Before watching this section please read through the following:  
(1) Module 10 presentation: M10 -04- Drupal 8 Fixing the Trusted Host Error

(2) Document “How to fix Trusted Host Settings Error on Codeanywhere” on   
WEB + Cloud + Local CMS Dev Tools   
> Codeanywhere [CA] CMS

> > CA-Drupal 8 Trusted Host Error Fix script  
> > > How to fix Trusted Host Settings Error on Codeanywhere

If your Drupal 8 site has the Trusted Host Error, you must fix it ASAP.  
Please follow along as we investigate the cause of the trusted host error and learn how to fix it using regular expressions.

Go to the Tutorial 10 Template and answer the questions for Part H.

Congrats. You just finished the last tutorial.   
Please submit your completed template to D2L and start the assignment ASAP.