

Removing Unused Files

04/29/2021

INTRODUCTION

This is the procedure to remove unused Files from the AirNowDrupal site using *drush* commands. It uses the “Fancy File Delete” and the “Views Bulk Operations” modules. The “Fancy File Delete” commands will remove Content database references AND the actual Files. Unused files are those which are not currently published. This procedure assumes Drupal Core 8.7.7 is installed.

Big Picture:

1. Pull the current Files to your local host.
2. Install the required modules.
3. Run the “Fancy File Delete” commands.
4. Push the new set of files to “DevCloud”.

PROCEDURE

Set-up

1. Go to “/user/login” to login to your localhost.
2. In the Drupal admin goto Admin >> Extend and add these two modules and exact versions. These module versions assume Drupal Core 8.7.7:
 - a. Views Bulk Operations (Version: 8.x-3.4)
 - b. Fancy File Delete (Version: 2.0.3)
3. In the Drupal admin goto Admin >> Configuration >> Performance >> Development and click on the “Clear all caches” button.
4. Wait for the “Caches cleared” message.

Remove “unused” files

5. Pull latest version of the site Content (database) and Files from Acquia DevCloud using DevDesktop while **off** the EPA network.
6. In the Drupal admin goto Admin >> Configuration >> Performance >> Development and click on the “Clear all caches” button.
7. Wait for the “Caches cleared” message.
8. Use DevDesktop to open a *drush* window on your local host. Click on the local host *drush* console button... Note: There are two *drush* console buttons; use the upper one.
9. Find the File IDs (fid) using *drush* SQL queries.

// List of Unused files with a filename starting with 'wildfire'.

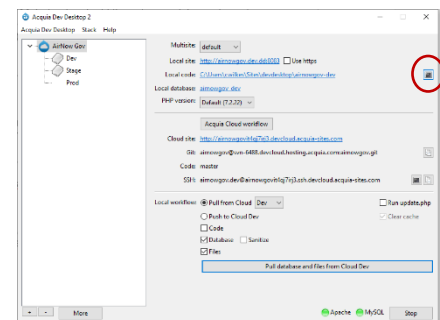
```
drush sqlq "SELECT fid, status, filename, uri FROM
file_managed WHERE NOT EXISTS (SELECT * FROM
file_usage WHERE file_managed.fid = file_usage.fid)
AND filename LIKE 'wildfire%'"
```

// ONLY the fid s for ALL Unused files

```
drush sqlq "SELECT fid FROM file_managed WHERE NOT EXISTS (SELECT * FROM file_usage
WHERE file_managed.fid = file_usage.fid)"
```

10. Use the *drush* “Fancy File Delete” command to delete the Unused files by comma separated fid. Hint: Use a text editor to convert the *drush sqlq* output to a *drush ffd* command like this:
drush ffd 3076, 3241, 3281, 3396
11. Type “y” to confirm deletes.
12. Push the Files back to Acquia DevCloud using DevDesktop while **off** the EPA network.

Done!



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KNOWN ISSUES

None.

DOCUMENT VERSION HISTORY

2021-04-29 v1 Initial DRAFT by Chris Wilkes