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This script is prompt driven and will do the following:

- Check the Drupal site for its current release version
- Display your Drupal version

Give you the following options from the command prompt:

- Download the latest Drupal files
- Back up your current Drupal files
- Back up your current Drupal SQL database
- Extract the latest downloaded files to your site

\*\* Once the script has completed, you **need** to run Drupals update.php

This script only backs up your files and dbase along with downloading and installing Drupal files BUT it does not run any SQL-database updates, you **NEED** to do that from your Drupal update.php file

This script is intended to run on your server via SSH.

Upload the script file to a directory on your server where it can **not** be accessed from a web browser.

Download the following file (right click, Save link As..) [drupal\\_file\\_update.pl.txt](#) and rename it to

**drupal\_file\_update.pl**

Make 'drupal\_file\_update.pl' executable

Terminal

```
name@machine:/$ sudo chmod +x /path/to/drupal_file_update.pl
```

At the top of the script are a handfull of settings which you need to edit before you save the script to your server.

```
# FULL Drupal ROOT Path with-out ending slash
# You should only need to change the end part of this string, /drupal/site, to reflect
your site structure
my $drupalRootPath = "/home/$username/public_html/drupal/site";

# FULL Drupal ROOT URL with-out ending slash
my $drupalRootURL = 'http://localhost/drupal/site';

# Full DIR path to save TAR backups
# This path will also be used to temperaraly save the newly downloaded Drupal Update .tar
file
# Dir needs to be writable
my $backupSavePath= "$drupalRootPath/backups";

# File(s) you want/need to preserve after your update is complete
# File(s) here will be copied to a temp dir *before* the update starts
```

```

# and after the update is done, they will be copied back.
# Ive added some code to my .htaccess and want to preserve it, hence the option.
my @preserveFile = ('.htaccess',
                    'robots.txt',
                    );

# Files and Dirs that you do not want to backup
# Relative path to Drupal root for files and dirs that will NOT be backed up
# Being this script is only for Updates, i do not see the need to waist space and back up
everything,
# so i exclude images and since i placed my 'backup' folder in-side my Drupal install, i
opmit the backup dir also
my @nobackup = ('backups',
                'sites/default/files/*.jpg',
                'sites/default/files/*.JPG',
                'sites/default/files/images',
                'sites/default/files/myuploads/',
                'sites/default/files/pictures',
                'sites/default/files/brilliant_gallery_temp',
                );

```

Step by step with screen shots:

When the script is first run

The screenshot shows a terminal window with the following text:

```

-----
You should log into your Drupal sites Admin now (before continuing).
http://localhost/drupal/site/?q=admin
-----
This file update script works on yes/no questions.
There are 5 question.
1) Start/Check Drupal versions
2) Download new Drupal files
3) Back up your current files
4) Backup your MySQL
5) Install new Drupal files.
-----
[1] Would you like to start the version check ?
-----
1) Yes
2) No
Select Option: █

```

Selecting 'yes' to start version check:

Here the script will download the Drupal Project page, phase through it and grab the latest version number. After that it will scan *your* Drupal CHANGE.txt file for the last version change and display the following questions:

Your Drupal Ver = xxx  
Latest Drupal Ver = xxx

- 1) Start Script
- 2) Display Backup Dir
- 3) Exit

```
Terminal
-----
[1] Would you like to start the version check ?
-----
1) Yes
2) No
Select Option: y

:: Downloading the Drupal Project page to get current ver number ::
-----
--2014-04-19 17:57:48-- https://drupal.org/project/drupal
Resolving drupal.org (drupal.org)... 140.211.10.62, 140.211.10.16
Connecting to drupal.org (drupal.org)|140.211.10.62|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 39382 (38K) [text/html]
Saving to: `drupal'

100%[=====] 39,382 120K/s in 0.3s

2014-04-19 17:57:50 (120 KB/s) - `drupal' saved [39382/39382]

Done:

-----
Your Drupal Version = 7.27
Available Drupal Download Version = 7.27
-----
1) Start update ?
2) Display files in backup dir
3) Exit script
Select Option:
```

Selecting 'start update' will run a couple checks first.

- Drupal Root path defined in the script is correct
- Backup dir exists, if not it will create it
- If the script can write to the backup dir, if not it will display an Error and exit the script.

Finally you will be given the option to download the latest Drupal file.

```
Terminal
-----
1) Start update ?
2) Display files in backup dir
3) Exit script
Select Option: 1

:: Checking that Drupal Root Path exist (/var/www/drupal) ::
-----
OK:

:: Checking that backup dir exist (/var/www/drupal/backups) ::
-----
OK:

:: Check if script can write to backup dir (/var/www/drupal/backups) ::
-----
OK:

-----
[2] Download new 7.27 Drupal files ?
-----
1) Yes
2) No
Select Option: █
```

If you select yes, 'wget' will download and save the latest Drupal .tar file to your 'backup' dir and then ask you if you want to backup your current Drupal files.

```
Terminal
-----
[2] Download new 7.27 Drupal files ?
-----
1) Yes
2) No
Select Option: y

:: Downloading: http://ftp.drupal.org/files/projects/drupal-7.27.tar.gz ::
-----
--2014-04-19 17:58:17-- http://ftp.drupal.org/files/projects/drupal-7.27.tar.gz
Resolving ftp.drupal.org (ftp.drupal.org)... 140.211.166.134
Connecting to ftp.drupal.org (ftp.drupal.org)|140.211.166.134|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3207398 (3.1M) [application/x-gzip]
Saving to: `/var/www/drupal/backups/drupal-7.27.tar.gz.3'

100%[=====>] 3,207,398 662K/s in 5.0s

2014-04-19 17:58:22 (630 KB/s) - `/var/www/drupal/backups/drupal-7.27.tar.gz.3' saved [3207398/3207398]

done:
-----
[3] Backup your current Drupal files ?
-----
1) Yes
2) No
Select Option: █
```

By selecting yes to backing up your current files the script will run 'tar' with the defined --excluded files you set in the script.

Being this file backup is only intended to protect your Drupal files (and not a Full backup) there is an array which you can add file(s) and dir(s) so you do not create a huge backup file waisting space, time and system resources.

Once complete you will be asked if you want to back up your MySQL (this script will only back up MySQL).

```
Terminal
-----
[3] Backup your current Drupal files ?
-----
1) Yes
2) No
Select Option: y

:: Creating tar backup of dir (/var/www/drupal) ::
-----
Changing into dir (/var/www/drupal)

WORKING: tar -czf /var/www/drupal/backups/Drupal-7.27_Files_2014-04-20_04.21.04.tar . --exclude=/var/www/drupal/backups --excl
ude=backups --exclude=sites/default/files/*.jpg --exclude=sites/default/files/*.JPG --exclude=sites/default/files/images --e
xclude=sites/default/files/myuploads/ --exclude=sites/default/files/pictures --exclude=sites/default/files/brilliant_gallery_
temp 2>&1

FILE BACK UP DONE: (Drupal-7.27_Files_2014-04-20_04.21.04.tar)

-----
[4] Backup your current Drupal SQL database ?
-----
1) Yes
2) No
Select Option: █
```

The script will read your /sites/default/settings.php file to get your MySQL info and then run a mysqldump. After its done you will be asked if you want to extract the Drupal download into your current Drupal Install.

```
Terminal
-----
[4] Backup your current Drupal SQL database ?
-----
1) Yes
2) No
Select Option: y

:: Accessing Drupal's settings.php file for SQL info
(/var/www/drupal/sites/default/settings.php) ::
-----
OK:

:: Backing up Drupal's SQL (/var/www/drupal/backups/Drupal-7.27_SQL_2014-04-19_21.57.40.sql) ::
-----
WORKING: mysqldump --opt --databases drupal > '/var/www/drupal/backups/Drupal-7.27_SQL_2014-04-19_21.57.40.sql'
Complete:

-----
[5] Extract new Drupal files to your site ?
-----
1) Yes
2) No
Select Option: █
```

First this the script will do is make a copy of any files you have in the '@preserveFile' array. I've made some changes to my .htaccess which i do not want the new Drupal files to over write, so i added .htaccess to the array. After the script makes a copy (it will place the copied files in your backup dir), it will then un-tar the Drupal download and extract it to your Drupal install. Once the extraction is complete, the copied files will be copied back to your main Drupal dir, and the old copied in the backup dir will be delete.

```
Terminal
-----
[5] Extract new Drupal files to your site ?
-----
1) Yes
2) No
Select Option: y
Changing into dir (/var/www/drupal)

:: Preserving Files: ::
-----
.htaccess
robots.txt

:: Extracting- Drupal-7.27_Files_2014-04-19_21.57.40.tar ::
-----
WORKING: tar -xzf '/var/www/drupal/backups/drupal-7.27.tar.gz' -C /var/www/drupal --strip-components=1 --overwrite 2>&1

:: Re-Preserving Files: ::
-----
.htaccess
robots.txt

:: File Update Complete:
You now NEED to run your Drupal Update
http://localhost/drupal/site/update.php ::
-----
DONE
```

Now, you **must** go to your Drupal update.php file and run that so it can run the necessary SQL updates.

Now after all that, i discovered you can do most of this with the Drupal Drush Module (i have not installed it, so can not offer any insight (but thought i would mention it)).

In time i plan on making a Drupal Module that will be a simple click and go that will to all of this from your Drupal's Admin CP

**Disclaimer:**

The information found here has been created to help people.

The steps given have worked for me with out a problem, but i will not be held responsible for how you use the information or what the out come of the use does for you.

If there is something that could cause problems or there is a risk in doing it, i have noted that - and done so for good reason. [Google](#) and [Yahoo](#) are great resources, so please use them also.

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