

Config Files:

To download the files referenced in this doc go here:

<http://media.wfyi.org/drop/EPICS/>

user: epics2017 PW: ButlerRox2017

- PHP: use default config file
- MySQL: probably default, see my.cnf in config_files.zip for any differences
- Apache: default apache.conf should be GtG

Apache Sites/Modules:

- ReadMe First:
<https://help.ubuntu.com/lts/serverguide/httpd.html>
Specific instructions of above:
<https://www.digitalocean.com/community/tutorials/how-to-install-the-apache-web-server-on-ubuntu-16-04>
Scripts useful for Apache modules and "sites".
<http://manpages.ubuntu.com/manpages/zesty/man8/a2enmod.8.html>
<http://manpages.ubuntu.com/manpages/zesty/en/man8/a2dissite.8.html>
 - o "site" - wfyi_org_testing.conf in config_files.zip
 - o Needed modules (some are probably loaded by default):
 - alias.conf -> ../mods-available/alias.conf
 - alias.load -> ../mods-available/alias.load
 - auth_basic.load -> ../mods-available/auth_basic.load
 - authn_core.load -> ../mods-available/authn_core.load
 - authn_file.load -> ../mods-available/authn_file.load
 - authz_core.load -> ../mods-available/authz_core.load
 - authz_host.load -> ../mods-available/authz_host.load
 - authz_user.load -> ../mods-available/authz_user.load
 - autoindex.conf -> ../mods-available/autoindex.conf
 - autoindex.load -> ../mods-available/autoindex.load
 - cgi.load -> ../mods-available/cgi.load
 - deflate.conf -> ../mods-available/deflate.conf
 - deflate.load -> ../mods-available/deflate.load
 - dir.conf -> ../mods-available/dir.conf
 - dir.load -> ../mods-available/dir.load
 - env.load -> ../mods-available/env.load
 - expires.load -> ../mods-available/expires.load
 - filter.load -> ../mods-available/filter.load
 - headers.load -> ../mods-available/headers.load
 - mime.conf -> ../mods-available/mime.conf
 - mime.load -> ../mods-available/mime.load
 - mpm_prefork.conf -> ../mods-available/mpm_prefork.conf
 - mpm_prefork.load -> ../mods-available/mpm_prefork.load
 - negotiation.conf -> ../mods-available/negotiation.conf
 - negotiation.load -> ../mods-available/negotiation.load
 - php5.6.conf -> ../mods-available/php5.6.conf
 - PHP7...
 - php5.6.load -> ../mods-available/php5.6.load
 - PHP7...
 - reqtimeout.conf -> ../mods-available/reqtimeout.conf
 - reqtimeout.load -> ../mods-available/reqtimeout.load
 - rewrite.load -> ../mods-available/rewrite.load
 - setenvif.conf -> ../mods-available/setenvif.conf
 - setenvif.load -> ../mods-available/setenvif.load
 - socache_shmcb.load -> ../mods-available/socache_shmcb.load

PHP Packages/Modules (some of these are probably installed by default):

Determine installed extensions:

<https://stackoverflow.com/questions/24351260/how-to-check-which-php-extensions-have-been-enabled-disabled-in-ubuntu-linux-12>

Good overview of PHP 7 and extensions:

<https://lornajane.net/posts/2016/php-7-0-and-5-6-on-ubuntu>

- php5.6-cli

- php5.6-common
- php5.6-curl
- php5.6-gd
- php5.6-json
- php5.6-mbstring
- php5.6-mcrypt
- php5.6-mysql
- php5.6-opcache
- php5.6-readline
- php5.6-xml

MySQL DB Dump

This file is a collection of all the tables and data of the database. You should be able to use mysql command line to 'run' this SQL, it includes the CREATE, and INSERT statements needed. See

<https://stackoverflow.com/questions/17666249/how-to-import-an-sql-file-using-the-command-line-in-mysql>

- boxer.zip

Wfyi.org PHP and static assets

Extract these files into the root directory you setup as the Apache Web site, i.e. the directory the 'site' config points to. To access the Web administrator "back-end" for the Web site content management system (CMS) use this URL:

<site root>/admin, e.g. http://localhost/admin

user: admin PW: epicsUser2017

- wfyi.org_stagingAssets.zip – uncompress this file into the site root setup for Apache