Web2project User Manual

A How To Guide

Keith Casey

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Also By Keith Casey

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Introduction

This guide was initially written in reference to Web2Project v3.3.0 and has been updated to incorporate the features, fixes, and changes through the latest master development. While much of it will be applicable to the entire 3.x series, you may notice certain differences in functionality, user interface, and features. As we release new major versions of Web2Project, we will work to update this manual in a timely manner.

All screenshots were taken from the production system currently in use by CaseySoftware, LLC using the default Web2Project style. Sensitive information was obscured on purpose.

Conventions used in this Guide

Web2Project is an Open Source project. Therefore, development moves unevenly between holidays, personal commitments, new organizations adopting it, and everything else. As a result, there are always various versions of Web2Project available for download in addition to the master/release branch. Sometimes these versions change behavior or system settings so to make these points clear, we've added this notation:

There are a number of places within Web2Project where you can misconfigure or damage your data by accident. When you see the warning icon, you should read carefully and follow the directions precisely.

This icon denotes a Frequently Asked Question. While we work to resolve and simplify these items, there are just some complicated concepts within project management as a whole and the software specifically.

We use the discussion icon to designate features discussed or planned for future development but have little to no supporting functionality in the system. We include them here to provide context and explanation for the roadmap.

We've used the information icon to denote features available in `develop` branch. The development version always has the latest and greatest features, fixes, and functionality but has not been tested as official releases have been. Unless you are a PHP developer and willing to live with instability, we do not recommend using this code in production systems. Consider it a preview of work to come.

Setting Up Web2Project

Installing Web2Project is the same as installing any other PHP project and has minimal requirements. The definitive version of this Installation Guide is available online but this section should be the same.

Requirements:

These requirements have been tested and validated. Web2Project may work with other versions or systems but they are not formally supported. These requirements apply regardless of whether you're installing, upgrading, or converting.

- PHP 7.x+
- Apache 2.x+ or IIS 7.x+
- Mysql 5.x+

Install Instructions

1. Uncompress your Web2Project archive (often named `web2project.tar.gz` or `web2project.zip`)
2. Upload the resulting folder to a web-accessible directory on your web server. Note the resulting URL as this will be your new Web2Project installation.
3. Create a mysql database and a user with full access to the database. Save these database name and credentials as you will need them later.
4. Point your browser to the URL noted above.
5. The Installer should detect that you are creating a fresh installation.
6. Confirm that your web server meets the minimum requirements. If it does not, resolve those issues. If it does, continue.
7. Use the database name and credentials from above to configure the database connection.
8. Select "Install Db & Write Cfg." The system should create all database tables and configure the base system.
9. If the Installer could not create the `config.php` file, copy and paste it to create your own.
10. Log into your system with the provided username and password.
11. Change your username and password.
12. Proceed to Getting Started or the Frequently Asked Questions as you need.
13. Add a cron job to run system maintenance tasks such as sending email notices, etc. The easiest approach is to request the URL below via a cron job:

```
wget -O - -q http://{web2project-install}/queuescanner.php
```

If you run into any problems, we recommend that you resolve the issue and then delete `config.php` and drop the database tables to try again.

Upgrade Instructions

1. Back up your database and `files` folder. You can never have too many backups.
2. Uncompress your Web2Project archive (often named `web2project.tar.gz` or `web2project.zip`)
3. Upload the resulting folder to your web server.
4. Copy your `files` folder from your previous folder to the new one.
5. Copy your `includes/config.php` file from your previous folder to the new one.
6. Rename the old folder.
7. Rename the new folder to the old folder's previous name.
8. Point your web browser to your Web2Project folder.
9. Log in with an Administrator account.
10. Select the System Admin module and choose "Apply System Updates"
11. The Installer will handle applying all updates.
12. Use your system as normal.

Converting from dotProject

1. Back up your database, the `files` folder, and `includes/config.php`. You can never have too many backups.
2. Uncompress your Web2Project archive (often named `web2project.tar.gz` or `web2project.zip`)
3. Upload the resulting folder to your web server. Note the resulting URL as this will be your new Web2Project installation.
4. Copy your `files` folder from your dotProject folder to your Web2Project folder.
5. Copy your `includes/config.php` file from your dotProject folder to your Web2Project folder.
6. Point your browser to your Web2Project folder.
7. The Installer will detect the dotProject configuration and apply database updates, data transformations, and update the `config.php`. *This may take a while depending on how big your database is.*
8. Log into your system with your existing username and password.
9. Add a cron job to run system maintenance tasks such as sending email notices, etc. The easiest approach is to request the URL below via a cron job:

```
wget -O - -q http://{web2project-install}/queuescanner.php
```

If you run into any problems, we recommend that you overwrite your new `config.php` with the dotProject version and restore the dotProject database the issue and then delete `config.php` to try again.