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## System Requirements

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KBPublisher has minimal requirements and should work on any modern server.

### **Client Side:**

- Operating System: Windows, Mac or Linux
- Web Browser: Internet Explorer 11+ or Chrome, Firefox, Safari.

### **Server side**

- Operating System: Linux, Unix, Windows, Mac
- Web Server: Apache Web Server / IIS 7.5 or above
- Database: MySQL 5.6.5 - 8.0
- Scripting Language: PHP 8.0 - 8.3

# How to Install kbPublisher: Your Agile Knowledge Management Platform

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The easiest way to install KBPublisher is to use the installation wizard.

The install script is extremely simple. The only action required on your part is to click the *next* button when each step is completed and you will be prompted for each action that is required from your side to proceed with installation. However, there are some things you need to do before you start to ensure the process runs smoothly.

## Before you start

Check that:

- PHP is installed on your server
- MySQL is installed on your server

If any of these are not, install these first.

## Install KBPublisher using the wizard

1. Unpack the distribution package
2. Place it somewhere in your web-server's document root, preferably the parent directory of your root web directory. Usually the root directory will be *public\_html*, *httpdoc* or *www*.
3. You can rename "kb" folder as you wish (it will be a part of your URL for knowledge base)  
For example if you rename it to "kbbase" and place it in document root directory (document root/kbbase)  
the URL for knowledge base will be **www.yourdomain.com/kbbase/**
4. Type `http://yourdomain.com/kb/setup/index.php` into your browser address line, where is your domain name, and is either 'kb', if you retained the default, or whatever folder you renamed it to. For example, if you used the domain name in step 3, this would be **www.yourdomain.com/kbbase/setup/index.php**.  
The installation wizard comes up.
5. Follow the installation wizard instructions.

## After the wizard finishes

Once the wizard completes, you need to [set up scheduled tasks](#) to ensure the knowledgebase works smoothly. If you don't set up scheduled tasks then some functionality in KBPublisher will not work.

## Check that everything is installed properly

Use the Setup Tests tab on the Home screen of the Admin area to ensure that everything is installed properly.

## Notes

- We recommend the following directory structure (and this is what the installation wizard creates).



kb\_file - for uploads via "Files" module

kb\_cache - for cache files

kb - knowledgebase code (rename it as you wish, it will be a part of your URL for knowledge base)

kb\_upload - for uploads via HTML editor

- The **kb\_file**, **kb\_cache** and **kb\_upload** directories must be writeable by PHP. The installation wizard creates these directories if you run a Windows. If you have errors that directories are not writeable you need to set up Write permissions, see [this article](#). However, if you are a Linux user it may fail due to access problems. In this case you will need to create the directories manually and CHMOD them to 0777.
- We recommend that you place the **kb\_upload** directory in the parent directory of your root web directory. If you later decide to move your knowledgebase to new location it will help you to keep paths correct for uploaded images.
- Wizard will try to create database for you, if it can't do it you need to create it manually.  
At the MySQL console, run the following commands:

```
CREATE DATABASE db_name [DEFAULT] CHARACTER SET [=] charset_name | [DEFAULT] COLLATE [=] collation_name;  
GRANT ALL ON db_name TO 'username'@'host' IDENTIFIED BY 'password';
```

e.g.

```
mysql> CREATE DATABASE kbp DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;
```

```
mysql> GRANT ALL ON kbp TO 'me'@'mydomain.com' IDENTIFIED BY 'xda44f54fddGHRECT';
```

- Don't forget to [set up scheduled tasks](#). If you don't set this up you can still create articles and manage your knowledgebase, but you will lose some of the advanced features. You won't be able to schedule articles, users won't receive alerts and you won't get any reports.

## Installing KBPublisher manually

If you don't want to install KBPublisher using the [install wizard](#), you can install it manually as follows:

1. Unpack the distribution package.
2. Place the distribution package somewhere in your web server's document root, preferably the parent directory of your root web directory. For many systems, this will be the **public\_html** directory.
3. By default, the distribution package is in a folder called **kb**, and this link will be included in the URL of the knowledgebase. For example, the default URL of the knowledgebase will be **www.your\_domain/kb/**, where *your\_domain* is your domain name. You can rename the 'kb' folder as you wish. If, for example, you rename the folder to 'kbbase' and place it in the document root directory, the URL for the knowledge base will be **www.your\_domain/kbbase/**.
4. Create an empty MySQL database to be used by KBPublisher, or use an existing database.

To create a new database run the following commands in the MySQL console:

```
CREATE DATABASE db_name [DEFAULT] CHARACTER SET [=] charset_name | [DEFAULT] COLLATE [=] collation_name;  
GRANT ALL ON db_name TO 'username'@'host' IDENTIFIED BY 'password';
```

e.g.

```
mysql> CREATE DATABASE kbp DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;  
mysql> GRANT ALL ON kbp TO 'me'@'mydomain.com' IDENTIFIED BY 'xda44f54fddGHRECT';
```

5. Create your directory structure:
  1. Create a directory to store files users upload with the **File** option. We recommend that you name the directory **kb\_file** and place it somewhere outside your document root directory. It should not be accessible to web browsers via http.
  2. Create a directory to store files users upload through the **HTML editor**. We recommend that you name the directory **kb\_upload** and place it in document root directory.
  3. Create a directory to store cache files. We recommend that you name it **kb\_cache** and place it somewhere outside your document root directory. It should not be accessible via http (web browser).

The structure of directories should look like this:



6. If you are installing a new version of KBPublisher:
  - Create tables using the db dump file at **kb/setup/db/install.sql**.
  - Create an admin user using the file at **kb/setup/db/create\_user.sql**.
7. If you are upgrading from a previous version of KBPublisher:
  - Back up your existing database before upgrading!
  - Use the DB dump file **kb/setup/db/upgrade\_[version]\_to\_[version].sql**.
8. Configure your **kb/admin/config.inc.php** configuration file.

If you installed KBPublisher in **document\_root/kb/** directory:

```
$conf['admin_home_dir'] = '/kb/admin/';  
$conf['client_home_dir'] = '/kb/';
```

If you installed KBPublisher in **document\_root** directory:

```
$conf['admin_home_dir'] = '/admin/';  
$conf['client_home_dir'] = '/';
```

9. In some cases you have to configure your **kb/index.php** file to set the correct path for the admin directory and the **kb/rss.php**, **kb/captcha.php** files to set the correct path to the kb installation directory. Normally these will work without any modifications.
10. Give your **kb\_upload**, **kb\_file**, **kb\_cache** directory full write permissions.  
In unix you can type "chmod 777 ". On Windows you must go through your webserver to give it [write permissions](#).
11. [Set up scheduled tasks](#) to enable scheduling, reporting and subscriptions.
12. You're done.

The public area screen will be available at **www.your\_domain/kb/**

The admin area will be available at **www.your\_domain/kb/admin/**

Login: admin  
Password: demo

**DO NOT FORGET TO CHANGE THE PASSWORD!**

13. Log in to KBPublisher and select the **Settings** tab to configure settings.  
Make sure you set the correct email address at *Setting -> Email* .
14. Read the [FAQ](#)

### Before you start

Please note that upgrading via the wizard is possible only for version 2.0 and above.  
If you are currently using an older version of KBPublisher upgrade to version 2.0 first.

### Option 1 (retain current installation until you have tested the upgrade)

1. Make a copy of your previous KBPublisher installation database. This database will be modified during the upgrade.
2. Unpack the distribution package to a directory with a different name to that of your current knowledgebase directory, for example to "kb\_new". This ensures that the previous installation is not overwritten.
3. Open your browser and go to **`http://<your_domain>/<kb_installation_path>/setup/index.php`**, where `<your_domain>` is your domain name, and `<kb_installation_path>` is the path where KBPublisher is installed that you created in step 2. e.g. **`http://mydomainname.com/kb_new/setup/index.php`**. The installation wizard comes up.
4. Follow the installation wizard instructions.
5. After testing the new installation, rename your current (old) KBPublisher installation directory to something appropriate, for example to "kb\_old".
6. Rename new KBPublisher installation directory to your previous installation directory name.
7. Update configuration file `<kb_installation_path>/admin/config.inc.php` by setting new values for `$conf['admin_home_dir']` and `$conf['client_home_dir']`.
8. Copy the license file from the previous version into the directory that contains upgraded version, i.e. copy 'kb\_old/key.php' over 'kb/key.php'

Note that this option creates a new database. If you wish to continue to use the original database, then once you have tested that everything is working, backup the old database, rename the new one and change the database name in config.inc.php to match the name of the original.

### Option 2 (upgrade directly into the current knowledgebase)

1. Rename your current KBPublisher installation directory. For example to "kb\_old".
2. Backup your database.
3. Unpack the distribution package to the directory where the previous version of KBPublisher was installed.
4. Copy the license file from the previous version into the directory that contains upgraded version, i.e. copy 'kb\_old/key.php' over 'kb/key.php'
5. Open your browser and go to **`http://<your_domain>/<kb_installation_path>/setup/index.php`**, where `<your_domain>` is your domain name, and `<kb_installation_path>` is the path where KBPublisher is installed. e.g. **`http://mydomainname.com/kb/setup/index.php`**. The installation wizard comes up.
6. Follow the installation wizard instructions.

### Option 3 (replace modified files only)

With some small KBPublisher upgrades, we supply a quick upgrade option called a "Modified Files Only" package. For example, this package is available to upgrade from v3.0 to v3.0.1. This allows you to simply replace modified files rather than doing a full upgrade. You can download it from your client area in the same way you can download a full upgrade package.

The modified files package contains:

- A **kbp** folder that contains all modified files to be copied. The structure of the folder and sub-folders is the same as the KBPublisher directories/files structure
- A **My-SQL script** to run, called `db_upgrade_from_[version]_to_[version].sql`, that updates the version number of your database
- A file called **how\_to\_upgrade.txt** that tells you what you need to do to upgrade
- A **list of updated files** in `updated_files.txt`.

Standard steps to upgrade:

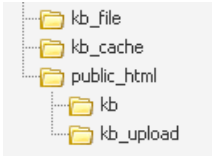
1. Backup your current KBPublisher installation, directory and database (recommended).
2. Copy the contents of the **kbp** folder found in downloaded "Modified Files Only" package to your current KBPublisher installation directory. We recommend that you copy the files by folder, rather than all at once.  
(**ATTENTION:** Mac OS users. You should copy file by file. Do not copy folder by folder. It does not work for you and will replace entire folder(s) and delete non modified files).
3. Upgrade your database by running the `db_upgrade_from_[version]_to_[version].sql` file found in downloaded "Modified Files Only" package. If your KBPublisher tables prefix is not "kbp" then you should update sql file and set your tables prefix.  
For example from:  
`UPDATE `kbp_setting` SET `input_id` = '5' WHERE `id` = 46;`

To:

```
UPDATE `your_prefix_setting` SET `input_id` = '5' WHERE `id` = 46;
```

### Notes:

- The original installation will already have *kb\_file* and *kb\_upload* directories. Check where these are, and during the upgrade make sure that your *kb\_file* and *kb\_upload* directory paths are the same as for original installation
- Here is a recommended directory structure for KBPublisher



*kb\_file* - is for uploads via 'Files' module

*kb\_cache* - is for cache files

*kb\_upload* - is for uploads via the HTML editor

**kb\_file**, **kb\_cache** and **kb\_upload** directories must be writeable by PHP.

On a Windows system this generally is not a problem, but on Linux systems you will need to CHMOD these directories to 0777.

- If you using **Remote Authentication** please keep your file (*kbp\_directory/admin/lib/custom/remote\_auth.php*) and copy it to new installation.

## Installing ionCube loader

---

For KBPublisher v4.0.2 and lower ionCube loader must be installed.

On many web servers the Loader can be enabled automatically with no changes to the php.ini file and no server restart required.

If your server does not have ionCube support already enabled, you can obtain Loaders for your server platform from [here](#).  
Instructions for installing Loaders can be found [here](#).

You can also you can run the ioncube helper file distributed with KBPublisher.  
Run your browser to *http://ioncube/ioncube-loader-helper.php*

If you install IonCube loader in the php.ini file you can check if loader installed in phpinfo.

Please see [this article](#) for how to create the phpinfo file.

If the loader installed correctly you should see it in the Additional Modules section in phpinfo.

### Additional Modules

Module Name
ionCube Loader
sysvsem
sysvshm

This article explains how to set up write permissions in the required folders for configuring IIS for KBPublisher.

### Change rights for TEMP directory

PHP uploads get written to windows TEMP directory, and then MOVED to destination directory, and in some cases permissions are not correct. Change windows temp directory to give IUSR 'modify' rights.  
If it does not help see below.

### Change rights for KBPublisher directories

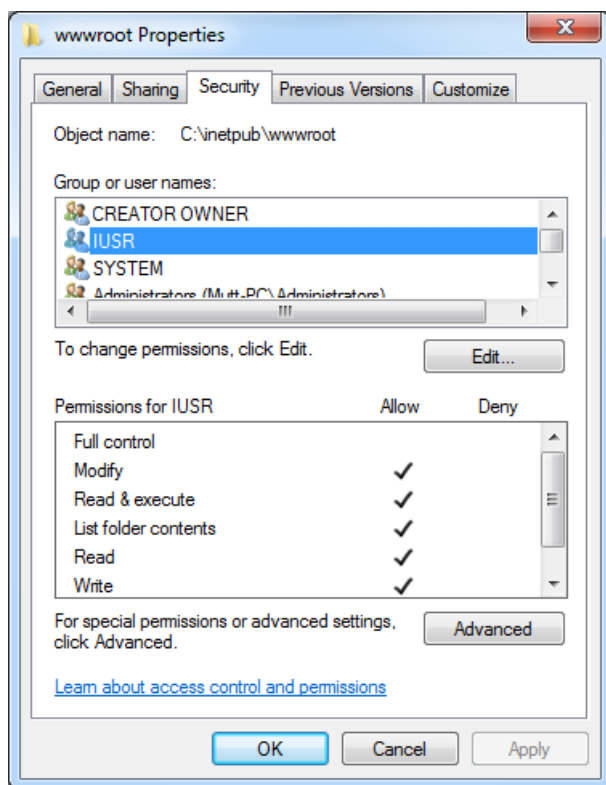
Using the standard folders structure for IIS and KBPublisher set write permissions for following folders:

- **C:/inetpub/wwwroot/kb\_upload** - for uploads via HTML editor
- **C:/inetpub/kb\_file** - for uploads via "Files" module
- **C:/inetpub/kb\_cache** - for cache files

\*Note: this is the default category structure. Your configuration might be different.

For each of the above folders, do the following:

1. Right-click the directory, then choose **Properties**
2. Go to the **Security** tab
3. Find the **IUSR** account  
(If IUSR is not in the list, add it by clicking **Edit**, then clicking **Add**, and then typing "IUSR" in the "Enter the object names to select" field.)
4. Highlight the user in the list, click **Edit**, and grant the account **Modify** and **Write** permissions



### Script to check directory permissions

Here is a simple PHP script which check if directory writable or not.

1. Download and unzip [this file](#).
2. Upload file to directory where KBPublisher installed.
3. Update file and set required value for variable \$dir\_to\_check  
Example: \$dir\_to\_check = 'C:/inetpub/kb\_cache';
4. Run file in browser like this [http://path\\_to\\_kb\\_dir/check\\_dir\\_writable.php](http://path_to_kb_dir/check_dir_writable.php)

## Setting up scheduled tasks

Some parts of KBPublisher simply **will not work** if you do not schedule tasks. This includes:

- Reports. You will not be able to run reports
- Subscription processing. Users will not be notified when items are added or changed
- Scheduling. You will not be able to schedule article, news or files
- Optimization. Database tables will not be checked/repaired/optimized
- Synchronization. Article and file hits will not be synchronized
- Search suggest will not work
- Administration. Some system jobs will not run.

### How do I schedule tasks?

You can configure scheduling through the Unix **crontab** command, through **scheduled tasks** in Windows, or through the Control Panel provided by your service provider.

### When scheduling tasks for KBPublisher there are several files you must run periodically.

The files to be scheduled are:

- admin/cron/freq.php - every 5 minutes
- admin/cron/hourly.php - hourly
- admin/cron/daily.php - daily, just after midnight
- admin/cron/weekly.php - weekly
- admin/cron/monthly.php - monthly

#### 1. By 'crontab' on Unix

# every 5 minutes

```
* /5 * * * * /usr/local/bin/php [KBP_DIRECTORY]/admin/cron/freq.php
```

# hourly

```
0 * * * * /usr/local/bin/php [KBP_DIRECTORY]/admin/cron/hourly.php
```

# daily, after midnight

```
01 0 * * * /usr/local/bin/php [KBP_DIRECTORY]/admin/cron/daily.php
```

# weekly

```
10 0 * * 0 /usr/local/bin/php [KBP_DIRECTORY]/admin/cron/weekly.php
```

# monthly

```
20 0 1 * * /usr/local/bin/php [KBP_DIRECTORY]/admin/cron/monthly.php
```

where **/usr/local/bin/php** is the path to the PHP interpreter, it could differ on your system (you can get it by running '*which php*' on command shell), and **[KBP\_DIRECTORY]** is the absolute path to your KBPublisher installation directory (e.g. '/home/user\_name/www/kb'). Replace it with your value.

OR

# every 5 minutes

```
* /5 * * * * /usr/bin/curl -s http://example.com/kb/admin/cron/freq.php
```

# hourly

```
0 * * * * /usr/bin/curl -s http://example.com/kb/admin/cron/hourly.php
```

# daily, after midnight

```
01 0 * * * /usr/bin/curl -s http://example.com/kb/admin/cron/daily.php
```

# weekly

```
10 0 * * 0 /usr/bin/curl -s http://example.com/kb/admin/cron/weekly.php
```

# monthly

```
20 0 1 * * /usr/bin/curl -s http://example.com/kb/admin/cron/monthly.php
```

If you are using HTTP requests, as above, you should update the KBPublisher settings to allow HTTP requests and specify the allowed IP addresses.

Go to Settings -> Admin tab and check "Allow HTTP requests". Then enter the allowed IP addresses into the "Allowed IP's for HTTP requests" field.

You can insert these crontab records by executing 'crontab -e' and editing cron jobs manually, or you can create a file (kbp\_cron.txt) containing these lines and execute 'crontab kbp\_cron.txt' from the shell (**WARNING**: all existing records in crontab will be removed!).

## 2. By 'Scheduled Tasks' on Windows

Instead of cron on Windows you can use [Scheduled Tasks](#). Contact your system administrator or hosting provider for additional details.

To set up Scheduled Tasks in Windows XP, Vista and 7, as well as Windows 2003 Server and later, you can use schtasks.exe. Open the command line and type in following commands:

```
schtasks /create /ru "System" /sc minute /mo 5 /st 00:00:00 /tn "KBPublisher freq task" /tr "[PHP_DIR]\php.exe [KBP_DIRECTORY]\admin\cron\freq.php"
```

```
schtasks /create /ru "System" /sc hourly /st 00:00:00 /tn "KBPublisher hourly task" /tr "[PHP_DIR]\php.exe [KBP_DIRECTORY]\admin\cron\hourly.php"
```

```
schtasks /create /ru "System" /sc daily /st 00:01:00 /tn "KBPublisher daily task" /tr "[PHP_DIR]\php.exe [KBP_DIRECTORY]\admin\cron\daily.php"
```

```
schtasks /create /ru "System" /sc weekly /st 00:10:00 /d SUN /tn "KBPublisher weekly task" /tr "[PHP_DIR]\php.exe [KBP_DIRECTORY]\admin\cron\weekly.php"
```

```
schtasks /create /ru "System" /sc monthly /st 00:20:00 /tn "KBPublisher monthly task" /tr "[PHP_DIR]\php.exe [KBP_DIRECTORY]\admin\cron\monthly.php"
```

Where: [PHP\_DIR] - full path to php.exe, [KBP\_DIRECTORY] - full path to KBPublisher directory. Replace it with your values

*Example: schtasks /create /ru "System" /sc minute /mo 5 /st 00:00:00 /tn "KBPublisher freq task" /tr "C:\php\php.exe C:\www\kbpublisher\admin\cron\freq.php"*

## 3. By Control Panel

This depends very much on your hosting provider. You should consult their documentation.

### Notes:

- admin/cron/freq.php should be run every 5 minutes
- admin/cron/daily.php should be run just after midnight.

---

*This functionality works in version 3.5 and above*

## Enable searching in files

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Text-based file searching/indexing (txt, html, etc.) is enabled by default. If you want to include searching PDF or Word documents then you need to do the following.

### Searching in PDFs

To enable search in PDFs you need to:

- Install a program called **xpdf**
- Ensure **Settings** points to where you installed it
- Ensure that PHP has access to your xpdf directory. (Check your *open\_basedir* PHP setting in *php.ini*)
- Ensure that PHP can run the [system](#) function. (Check your *disable\_functions*, *safe\_mode\_exec\_dir* PHP settings in *php.ini*)

#### Install xpdf

- xpdf is available from [www.foolabs.com/xpdf/download.html](http://www.foolabs.com/xpdf/download.html)
- Download and install it.

#### Update the setting to point to xpdf

Once you have installed xpdf, you also need to set the correct path it in the Settings.

- You can find this under Settings menu, **Settings -> Admin -> XPDF installation path**
- Make sure that this points to the directory where you installed xpdf. For example: `/usr/local/bin/` or `c:/wwwroot/xpdf/`
- Set this to 'off' to de-activate this option.
- When you click "Save", test pdf file will be parsed/indexed and error occurs if it failed.

#### Test xpdf from command line

Test to see if xpdf is working by running the following command from the command line:

```
$ /path_to_xpdf/pdftotext -raw file_read.pdf file_write.txt;
```

Test xpdf from command line using PHP and included test file:

```
$ cd /path/to/kbp_directory
$ php -r "system('/path_to_xpdf/pdftotext -raw admin/extra/file_extractors/extract_test.pdf file_write.txt');"
```

### Searching in Word 2007/2010, Excel 2007/2010 or Open Office document files

To enable search in .docx, .xlsx and .odt documents you need to:

- Install a [PHP Zip](#) extension if you do not have one
- You can see if you have it installed in *Home -> Setup Tests* tab in your KBPublisher installation

### Searching in Word 2003 and below files

To enable search in Word documents you need to:

- Install either **catdoc** or **Antiword**
- Ensure **Settings** points to where you installed it
- Ensure that PHP has access to your catdoc directory. Check your *open\_basedir* PHP setting in *php.ini*.
- Ensure that PHP can run the [exec](#) function. Check your *disable\_functions*, *safe\_mode\_exec\_dir* PHP settings in *php.ini*.

#### Install catdoc

- catdoc is available from <http://www.wagner.pp.ru/~vitus/software/catdoc/>
- Download and install it.

#### Install Antiword

- **Antiword** is available from <https://github.com/grobrian/antiword>
- Download and install it.

#### Update the setting to point to catdoc

Once you have installed catdoc, you also need to set the correct path it in the Settings.

- You can find this under Settings menu, **Settings -> Admin -> catdoc installation path**
- Make sure that this points to the directory where you installed catdoc. For example: `/usr/local/bin/` or `c:/wwwroot/catdoc/`
- When you click "Save", test pdf file will be parsed/indexed and error occurs if it failed.

#### Test catdoc from command line

Test to see if catdoc is working by running the following command from the command line:

```
$ /path_to_catdoc/catdoc -w file_read.doc;
```

Test catdoc from command line using PHP and included test file:

```
$ cd /path/to/kbp_directory  
$ php -r "system('/path_to_catdoc/catdoc -w admin/extra/file_extractors/extract_test.doc');"
```

### Test antiword from command line

Test to see if antiword is working by running the following command from the command line:

```
$ /path_to_antiword/antiword -t file_read.doc;
```

Test antiword from command line using PHP and included test file:

```
$ cd /path/to/kbp_directory  
$ php -r "system('/path_to_antiword/antiword -t admin/extra/file_extractors/extract_test.doc');"
```

## Turning PDF or Word search off

If you don't want to allow searching on PDF or Word documents, change the setting in *XPDF installation path* or *catdoc installation path* to **OFF**.

## Enable Exporting to PDF

To export multiple articles to PDF or HTML files you need to:

- Install a program called **WKHTMLTOPDF** (recommended) or **HTMLDOC**
- Ensure **Settings** points to where you installed it
- Ensure that PHP has access to your HTMLDOC directory. (Check your `open_basedir` PHP setting in `php.ini`)
- Ensure that PHP can run the [proc\\_open](#) function. (Check your `disable_functions`, `safe_mode_exec_dir` PHP settings in `php.ini`)
- **Buy** the export **plugin** or try it in [Demo mode](#)
- Add the plugin key to your KBPublisher settings

### Using WKHTMLTOPDF (recommended)

- WKHTMLTOPDF is available from <https://wkhtmltopdf.org>
- Download it and install it

#### Update the setting to point to WKHTMLTOPDF

Once you have installed WKHTMLTOPDF, you also need to set the correct path it in the Settings.

- You can find this under Settings menu, **Settings -> Plugins -> Export -> WKHTMLTOPDF installation path**
- Make sure the **WKHTMLTOPDF installation path** points to the directory where you installed HTMLDOC. For example: `/usr/local/bin/`.
- When you click "Save", test HTML file will be parsed and error occurs if it failed.

#### Test WKHTMLTOPDF from command line

To convert a single web page type:

```
$ /path_to_wkhtmltopdf/wkhtmltopdf input.html output.pdf
```

Test using PHP and included test file:

```
$ php -r "exec('/path_to_wkhtmltopdf/wkhtmltopdf http://path_to_kbp/admin/extra/plugin/export2/template/export_test.html output.pdf');"

```

### Using HTMLDOC

**Note:** At this time there is no commercial support for the HTMLDOC. The windows binaries can be found [here](#).

- HTMLDOC is available from <https://www.msweet.org/htmldoc/>
- Download it and install it

#### Update the setting to point to HTMLDOC

Once you have installed HTMLDOC, you also need to set the correct path it in the Settings.

- You can find this under Settings menu, **Settings -> Plugins -> Export -> HTMLDOC installation path**
- Make sure the **HTMLDOC installation path** points to the directory where you installed HTMLDOC. For example: `/usr/local/bin/`.
- When you click "Save", test HTML file will be parsed and error occurs if it failed.

#### Test HTMLDOC from command line

To convert a single web page type:

```
$ /path_to_html/doc/html/doc --webpage -f output.pdf filename.html
```

Test using PHP and included test file:

```
$ cd /path/to/kbp_directory
$ php -r "system('/path_to_html/doc/html/doc --webpage -f output.pdf admin/extra/plugin/export/template/export_test.html');"

```

### Buy the plugin

Export functionality is not available with the default KBPublisher package. You must purchase it separately. Please see [this article](#) how to buy the plugin.

#### Add the plugin key to KBPublisher

You should have received an email with you plug-in key. If you can't find the email, you can also get this from the **My Licenses** tab in your [client area](#) on the KBPublisher website.

- Copy the license key from your client area or the email
- Log on to your knowledgebase

- Go to the **Admin Area**
- Click on the **Settings** menu
- Click on the **Plugins** -> **Export** tab
- Paste your key into the **Plugin key** field
- **Save.**

Tip:

- If you want to try the export plugin before you buy, use [demo](#) mode to get an idea of how it works.

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*This functionality works in version 4.0 and above*

## Enable searching spell suggest

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To help you avoid typos when entering search terms, you can install and enable one of the following tools:

- Pspell
- Enchant
- Bing spell suggest service (free or paid versions)

Each of these tools monitors the characters you enter in the search field and suggests words that match what you have typed so far and that match entries in your system data. You can then select one of the words or ignore the suggestions and continue typing.

You may find by experimentation that one of the tools works better than the others for your system and your data.

To enable spell suggest:

1. Select **Settings** from the menu bar in the Admin area.
2. In the form that appears, select the **Public Area** tab.
3. Scroll down to the **Search** section.
4. Locate the **Search Spelling Suggest** field and click the "..." button.

The form that appears shows the available spelling tools. If one is already selected and active, it is marked with a check mark. If no tool is active, you can activate one as described below.

Click **Save** to save your settings and return to the main form. Click **Cancel** to abandon your changes and close the Settings form.

### Enchant

Enchant is the PHP binding for the "Enchant" spelling library. Enchant provides consistency among any running spell-checkers, and adds certain features that may be lacking in any individual provider library. Click the information icon beside the tool's name to see more information.

Click the icon in the Settings column to display the **Settings** form.

In the **Settings** form you can select the spelling library to use from the two "Active Dictionary" fields at the top of the form.

If you want to exclude some words from Enchant's attention so it does not suggest alternatives, enter the words, separated by spaces, in the "Exclude word list" field.

To make Enchant the primary spelling suggest tool, check the "Set as Primary" check box. This will deselect any other tool that is currently selected.

### Pspell

Pspell is a spelling-assist tool that will help you enter search terms that will return "hits". Click the information icon beside the tool's name to see more information.

Click the icon in the Settings column to display the **Settings** form.

In the **Settings** form you can select the spelling library to use from the "Active dictionary" field at the top of the form.

If you want to exclude some words from Pspell's attention so it does not suggest alternatives, enter the words, separated by spaces, in the "Exclude word list" field.

To make Pspell the primary spelling suggest tool, check the "Set as Primary" check box. This will deselect any other tool that is currently selected.

### Bing spelling suggestion

This option uses the Bing API to provide suggestions for spelling search terms to match data in the system. There is a free licensed version with a limited number of uses per month by your readers, or you can purchase a license that supports more uses per month. Click the information icon beside the tool's name to see more information, and to learn about obtaining a license.

Click the icon in the Settings column to display the **Settings** form.

To activate Bing spelling suggestion, you need to obtain a license. Click the information icon, as described above, and either get the free license or buy one of the license" allowing higher use. When you have obtained your license, enter the information you receive in the "Bing API Account Key" and "Bing request URL" fields.

You may find that your system runs somewhat slower when using the autocomplete feature in Bing. If so, de-select the "Use in Autocomplete predictions" check box.

If you want to exclude some words from Bing's attention so it does not suggest alternatives, enter the words, separated by spaces, in the "Exclude word list" field.

To make Bing the primary spelling suggest tool, check the "Set as Primary" check box. This will deselect any other tool that is currently selected.

## Setup tests

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The Setup Tests screen is available as a tab from the Settings menu. It allows you to check that your knowledgebase has been set up properly.

To get to the screen:

- Log in as an admin user
- Click **Settings** -> **Admin**
- Click the **Setup Tests** tab

### The Setup Tests tab

When you first install KBPublisher the Setup Tests tab doesn't show much. Click **Run Test** to get some results.

- The **Files directory** is where files are stored. If this test's status is *passed*, it means that the folder exists and can be written to. If you need to check the name of the directory, click **Setting**.
- The **Cache directory** is where cached files are stored. This is defined in the php config file. You normally would not change this. *Passed* means that the directory exists.
- The **HTML editor file directory** is where images are stored. If the status is *passed* it means that the directory exists and you can save images to it. If you need to check or update the name of the directory, click **Setting**.
- **XPDF** allows you to search PDF files.  
If this setting is *disabled*, then XPDF has not been installed. If the status is *failed or error*, details of the error will be provided.  
If the status is *passed*, your knowledgebase should be able to search PDF documents.  
To install XPDF, see [Enable Searching in Files](#).
- **Catdoc** allows you to search Word 2003 files.  
If this setting is *disabled*, then Catdoc has not been installed. If the status is *failed or error*, details of the error will be provided.  
If it is *passed*, your knowledgebase should be able to search .doc documents.  
To install catdoc, see [Enable Searching in Files](#).
- **PHP Zip extension** allows you to search Word 2007/2010 files and Excel 2007/2010 files and from OpenOffice documents.  
If the status is *failed or error*, then PHP Zip extension has either not been installed or is not installed properly; details of the error will be provided.  
If the status is *passed*, then your knowledgebase should be able to search docx, xlsx, and .odt files.  
To install PHP Zip extension, see [this link](#).
- **Spell Suggest** helps your knowledgebase users when they search for documents or files, by suggesting the correct spellings of the words the users are entering as search terms.  
If the status is *passed*, then Spell Suggest is installed and end users should see helpful spelling hints. If the status is *failed or error*, details of the error will be supplied.
- **Htmldoc** allows you to export KB to PDF, it is required for PDF Export plugin.  
If the status is *disabled*, Htmldoc hasn't been installed. If the status is *failed or error*, details of the error will be provided.  
If this is *passed* then you should be able to export your knowledgebase as a PDF document and/or as HTML.  
See [enable exporting to PDF](#) for setup and requirements.
- **Wkhtmltopdf** allows you to export KB to PDF, it is required for PDF Export plugin.  
If the status is *disabled*, Wkhtmltopdf hasn't been installed. If the status is *failed or error*, details of the error will be provided.  
If this is *passed* then you should be able to export your knowledgebase as a PDF document and/or as HTML.  
See [enable exporting to PDF](#) for setup and requirements.
- **Scheduled tasks** tells you if your cron jobs are set up properly.  
If the status is *disabled*, then you will not be able to schedule tasks or run reports, and users will not be notified of changes they have subscribed to. Some admin tasks will also not run.  
Cron jobs are set up on the server. [Click here](#) for how to set them up.  
If the status is *error*, then there is a problem in your setup and some tasks could not execute. Information about the problem will be listed with the error.  
If the status is *passed* then your cron jobs have been set up properly and scheduled tasks should run.
- **Sphinx**  
Sphinx Search Server allows you to enable fast full-text search capability.  
[Click here](#) for how to set them up.

Note:

- This set of tests runs as a regularly scheduled task. If there is an error, the knowledgebase administrator is notified by email.

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*This functionality works in version 4.0 and above*

