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Webservice: PDF-Export

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Make sure that the [Apache Tomcat server](#) is completely installed and configured on the BlueSpice server before setting up PDF-Export.

Moving the BShtml2PDF Application

> **Important!** Starting in BlueSpice 4.x, BShtml2 is no longer in the distribution and has to be downloaded and installed separately.
>
> Download: https://bluespice.com/filebase/html2pdf/

Download the file "BShtml2PDF.war" and copy it to `<tomcat-webapps>`

The default paths are as follows:

- C:\Program Files\Apache Software Foundation\Tomcat 10.0\webapps **(Apache Tomcat on Windows)**
- /var/lib/jetty9/webapps **(Jetty on Debian)**

Or run the command `sudo mv /var/www/bluespice/w/extensions/BlueSpiceUEModulePDF/webservices/BShtml2PDF.war /var/lib/jetty9/webapps` in the terminal. **(Linux)**

The application usually starts automatically without the need for rebooting the application server.

Checking the functionality

The correct functionality of the BShtml2PDF service can be checked as follows:

On Windows, open Internet Explorer using the URL http://localhost:8080/BShtml2PDF. With correct functionality, you should see the following website:

Enable PDF Export in BlueSpice

Go to the directory `<installpath-bluespice>/settings.d` . Open the file **020-BlueSpiceUEModulePDF.php** in a text editor.

Or open the 020-BlueSpiceUEModulePDF.php in the terminal using the command `sudo nano /var/www/bluespice/w/settings.d/020-BlueSpiceUEModulePDF.php` . **(Linux)**

In the second line is the code to activate the extension:

```
return; // Disabled. Needs Tomcat
```

You can either add a comment character (#) to the beginning of this line or delete the line completely, save the file and exit it.

> **Note:** Give the user "Everyone" full access to the Temp folder under C:\Widows.

Installing BlueSpice 3 with installer

1. Open `localhost/w` in your Browser and follow the instructions.
2. For BlueSpice WikiFarm, move the .htaccess and web.config files to C:\bluespice\var

Open a command line and change into the folder `<installpath-bluespice>`. Execute the following command:

```
php maintenance/update.php (Linux)
php maintenance\update.php (Windows))
```

> **Note:** In Windows, make sure that the environment variables are set correctly to access the "php" command.

> **Note:** Note that you must update the file system permissions after running update.php.

When the script is finished with the "Done" message, you have successfully isntalled the web service .

```
...event_agent field does not exist in echo_event table, skipping modify field patch.
Modifying event_variant field of table echo_event ...done.
Modifying event_extra field of table echo_event ...done.
Modifying event_agent_ip field of table echo_event ...done.
...have etp_id field in echo_target_page table.
...have notification_bundle_base field in echo_notification table.
...echo_event table does not contain event_timestamp field.
...have eeb_event_hash field in echo_email_batch table.
...have event_page_id field in echo_event table.
...index echo_event_type already set on echo_event table.
...index echo_user_timestamp already set on echo_notification table.
Creating titlekey table...ok.
Rebuilding titlekey table...
... 1 ok.
...hitcounter table does not exist, skipping modify field patch.
Creating hit_counter_extension table ...done.
Creating hit_counter table ...done.
...page table does not contain page_counter field.
Creating bs_editnotifyconnector table ...done.
Creating bs_namespacemanager_backup_page table ...done.
Creating bs_namespacemanager_backup_revision table ...done.
Creating bs_namespacemanager_backup_text table ...done.
Adding page_content_model field to table bs_namespacemanager_backup_page ...done.
Adding rev_sha1 field to table bs_namespacemanager_backup_revision ...done.
Adding rev_content_model field to table bs_namespacemanager_backup_revision ...done.
Creating bs_permission_templates table ...done.
Creating bs_dashboards_configs table ...done.
Creating bs_usagetracker table ...done.
Creating bs_pagetemplate table ...done.
Creating bs_pageassignments table ...done.
...se_text field does not exist in bs_saferedit table, skipping modify field patch.
Creating bs_readers table ...done.
...have readers_ts field in bs_readers table.
...site_stats is populated...done.
Checking existence of old default messages...done.
Populating rev_len column
...doing rev_id from 1 to 200
Populating ar_len column
...archive table seems to be empty.
rev_len and ar_len population complete [0 revision rows, 0 archive rows].
Populating rev_sha1 column
...doing rev_id from 1 to 200
Populating ar_sha1 column
...archive table seems to be empty.
Populating ar_sha1 column legacy rows
rev_sha1 and ar_sha1 population complete [0 revision rows, 0 archive rows].
Populating img_sha1 field

Done 0 files in 0.0 seconds
Fixing protocol-relative entries in the externallinks table...
Done, 0 rows updated.
Populating fa_sha1 field from fa_storage_key

Done 0 files in 0.0 seconds
Updating *_from_namespace fields in links tables.
...doing page_id from 1 to 200
Purging caches...done.

Done in 1.6 s.
root@bluespice:/var/www/bluespice#
```

Troubleshooting

If there is a problem with the PDF export in BlueSpice, first check the file system permissions.

Download Web services

If the required war-file is missing in your installation package, you can download it here: Webservices.