

Setup:Installation Guide/Webservices/PDF-Export

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This document describes the installation of the PDF export of BlueSpice. Please make sure that the [Apache Tomcat server](#) is completely installed and configured at the BlueSpice server.

Tips for this Document

- Please, read this manual completely and work through the single installation steps one after another.
- For editing the configuration files with a text editor, the files must be saved in UTF-8 coding without BOM (Byte Order Mark).
- The placeholder `<installpath-bluespice>` stands for the path to your BlueSpice installation, e.g. `C:\inetpub\wwwroot\bluespice` (Windows) or `/var/www/bluespice` (Linux).
- The placeholder `<tomcat-webapps>` stands for the path to the Webapps directory of your Tomcat server, e.g. `C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps` (Windows) or `/var/lib/tomcat8/webapps` (Linux).

Copying the BShtml2PDF Application

Move the file "BShtml2PDF.war" from the directory `<installpath-bluespice>/extensions/BlueSpiceExtensions/UEModulePDF/webservices` to `<tomcat-webapps>`

Restart Tomcat

Restart the Tomcat Webserver like described [here](#).

Activating the PDF Export in BlueSpice

Go to the directory `<installpath-bluespice>/extensions/BlueSpiceExtensions`. If the file **BlueSpiceExtensions.local.php** does not exist already, please copy the file **BlueSpiceExtensions.default.php** and place it in the same folder under the name **BlueSpiceExtensions.local.php**. Open this file in a text editor.

Scroll to the end of the file. You will find the following lines there:

```
#require_once( __DIR__."/UniversalExport/UniversalExport.setup.php" );  
#require_once( __DIR__."/UEModulePDF/UEModulePDF.setup.php" );
```

Remove the first character (**#**), save the file and exit it.

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

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



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



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

When the script is finished with the "Done" message, the web service is successfully installed.

```
...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_shal 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_usagetraacker 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_shal column
...doing rev_id from 1 to 200
Populating ar_shal column
...archive table seems to be empty.
Populating ar_shal column legacy rows
rev_shal and ar_shal population complete [0 revision rows, 0 archive rows].
Populating img_shal field

Done 0 files in 0.0 seconds
Fixing protocol-relative entries in the externallinks table...
Done, 0 rows updated.
Populating fa_shal 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 PDF export in BlueSpice, first check the **file system permissions**.