

## Setup:Installation Guide/Webservices/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

Download the file "BShtml2PDF.war" from <https://sourceforge.net/projects/bluespice/files/webservices/BShtml2PDF.war/download> and copy it to `<tomcat-webapps>`

The default paths are as follows:

- C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps (**Apache Tomcat on Windows**)
- /var/lib/jetty9/webapps (**Jetty on Debian**)

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.

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.

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)
```



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, you have successfully installed 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_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

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If there is a problem with the PDF export in BlueSpice, first check the [file system permissions](#).

## Download Web services

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