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Reference:LatexRenderer

Extension\[: LatexRenderer

Overview			
Description:	Renders LaTeX markup on a Windows server.		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL v3 only
Type:		Category:	Rich Articles
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

The extension **LatexRenderer** shows math formulas by rendering LaTeX markup as images on a Windows server.

Usage / features

This extension provides the following functionality:

- add a formula in edit mode like
- use the [VisualEditor](#) Math menu item to insert complex formulas
- the output of the formula in view mode is a png image

Technical information

This extension corresponds to the [Math](#) extension that is used to render LaTeX formulas on a Linux server.

Requirements

This extension requires Apache Tomcat Server.

More info

- [Installation instructions](#)

GPL v3 only

Redirect to:

- [GPL v3](#)

Webservice: LatexRenderer

A [quality version](#) of this page, [approved](#) on *13 September 2019*, was based off this revision.

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This document describes the installation of LatexRenderer for BlueSpice. **LatexRenderer is an exclusive component of BlueSpice pro!** Please note that [Apache Tomcat server](#) must be installed and configured on the BlueSpice server.

Tip 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).

Installation of the LatexRenderer application

Move the file "BSLaTeX2PNG.war" from the directory `<installpath-bluespice>/extensions/BlueSpiceLatexRenderer/LatexRenderer/webservices` to `<tomcat-webapps>`

Restart Tomcat

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

This completes the installation of LatexRenderer.

Troubleshooting

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