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Manual:Extension/BlueSpiceArticlePreviewCapture

A quality version of this page, approved on *30 June 2020*, was based off this revision.

ArticlePreviewCapture shows current snapshots of wiki pages as thumbnails throughout the wiki.

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Where can you find page previews?



Thumbnail snapshots of pages are used in:

- the page Special:SearchCenter to show previews of pages in search results,
- the search box, to show the top search result,
- the Recent Changes fly-out layer,
- the Book manager fly-out layer, and
- the Timeline.

Underlying technology

This extension relies on PhantomJS (for Linux | for Windows) to render the thumbnails.

Related info

Reference:BlueSpiceArticlePreviewCapture

Reference:BlueSpiceArticlePreviewCapture

Extension: BlueSpiceArticlePreviewCapture



Overview			
Description:	Creates preview images of wikipages for dynamic file dispatcher		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "< /br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Туре:	BlueSpice	Category:	Data Analysis
Edition:	Edition: BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
View help page			

Features

BlueSpiceArticlePreviewCapture provides the ability to show current snapshots of wikipages as thumbnails throughout the wiki.

The ArticlePreviewCapture extension creates preview images (screenshots) of pages, which are displayed for example in the search results of the ExtendedSearch autocomplete function, in the Recent changes, the List of books and the Timeline.

This extension requires PhantomJS (Linux | Windows) to be installed on the server.

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31 BlueSpiceFoundation: 3.2

Integrates into



Special pages

Configuration

Name	Value
ArticlePreviewCapturePhantomJSBackend	'native-shell-exec'
ArticlePreviewCapturePhantomJSBaseUrl	NULL
ArticlePreviewCapturePhantomJSEscapeShellCommand	true
ArticlePreviewCapturePhantomJSExecutable	'/usr/local/bin/phantomjs'
ArticlePreviewCapturePhantomJSOptions	array (0 => 'ignore-ssl-errors', 1 => 'true',)
ArticlePreviewCapturePhantomJSServiceURL	NULL

Hooks

• SetupAfterCache

Installing PhantomJS

A quality version of this page, approved on 29 November 2019, was based off this revision.

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PhantomJS is a so-called headless browser that can render screenshots of web pages. This is required for the web page preview in Advanced Search and the Recent Changes Overview in your BlueSpice installation. These are functionalities of BlueSpice pro. For this purpose, the steps listed here are required.



In this documentation, we use PhantomJS version 2.1.1. This is just an example of the latest version that you can download at the time of installation.

Download

Go to the download page of PhantomJS and download the 64-bit version for Linux. Transfer the file to your server.

Installation

Unpack the downloaded bz2 archive on the server with the command tar xjf phantomjs-2.1.1-linux-x86_64.tar.bz2 . In the unpacked folder phantomjs-2.1.1-linux-x86_64 , you will find another folder with the name bin . Within this folder is the file phantomjs . Copy this file into the /usr/local/bin folder. Then adjust the rights of the file:

```
chown root.staff /usr/local/bin/phantomjs; \
chmod +x /usr/local/bin/phantomjs
```

Completing the system preparation

If you have completed all steps successfully, you can now continue with installing BlueSpice.

Installing and configuring PhantomJS on Windows

A quality version of this page, approved on 12 October 2020, was based off this revision.

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PhantomJS is a so-called headless browser that can render screenshots of web pages. This is required for the web page preview in Advanced Search and the Recent Changes Overview in your BlueSpice installation. These are functionalities of BlueSpice pro. For this purpose, the steps listed here are reqired for BlueSpice pro.

DownloadS

In Internet Explorer, open the official website of the project (1). Click "Install" (2).

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PhantomJS - Scriptable Headless Browser	
Important: Phantom/S development is suspended until further notice (more details).	
PhantomJS is a headless web browser scriptable with JavaScript. It runs on Windows, macOS, Linux, and FreeBSD.	
Using QtWebKit as the back-end, it offers fast and native support for various web standards: DOM handling, CSS selector, JSON, Canvas, and SVG.	
The following simple script for PhantomUS loads Google homepage, waits a bit, and then captures it to an image.	
<pre>vsr.ppg - regic/(wsight).crest(); psg-psg-(riv(Tiv)/msight(-arc), rectif() (startiment(Tmitien() (registration(Tmitien()); registration(Tmitien()); // registration(Tmitien()); // registration(); // re</pre>	
PhantomJS is an optimal solution for:	
Degree advances Descension Access velopages and extract information using the standard DOM API, or with usual libraries like jQuery. Screen capture Programmatically capture web contents, including SVG and Canver. Create web site screenabots with thumbnail preview. Head/ess website testing Run functional tests with frameworks such as tamine, QUrit, Mocha, WebDriver, etc. Network monitoring Monitor page leading and export as standard HAR files. Automate performance analysis using YSlow and Jenkins. Networks.	
Ready to play with PhantomJS [Instal] and 2 liow the Quick Start guide.	
Want to learn more? Read the FAQ, explore more examples, and study the complete API documentation.	
For the source code, issue tracker, and other development information, visit github.com/ariya/phantomjs.	
c 2010-2018 <u>Elantionis</u> Contributes. Distributed under the IEO License (SPOR <u>EDC-3. Clause</u>).	

Download the appropriate ZIP archive for Windows.

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Comparison of the second secon	W 14 187 🤟
Download PhantomJS	
New to PhantomJS? Read and study the <u>Quick Start</u> guide.	
Windows	
Download phantomis-21.1-windowszip (⁷ /4 MB) and extract (unzip) the content.	
The executable [phantonjs.exe] is ready to use.	
Note: For this static build, the binary is self-contained with no external dependency. It will run on a fresh install of Windows Vista or later versions. There is no requirement to install Qt, WebKit, or any other	libraries.
Mac OS X	
Download phantomis-2.1.1-macosx.zip (16.4 MB) and extract (unzip) the content.	
Note: For this static build, the binary is self-contained with no external dependency. It will run on a fresh install of OS X 10.7 (Lion) or later versions. There is no requirement to install Qt or any other libraries	
Linux 64-bit	
Download phantomis-2.1.1-linux-x86_64.tar/bz2 (22.3 MB) and extract the content.	
Note: For this static build, the binary is self-contained. There is no requirement to install Qt, WebKit, or any other libraries. It however still relies on fortconfig (the package [netcoartig] or libfontconfig, dependistribution]. The system must have GUBCX(3.49 and GUBC).2.7.	ending on the
Linux 32-bit	
Download phantomjs-2.1.1-linux-i686.tar.bz2 (23.0 MB) and extract the content.	
Note: For this static build, the binary is self-contained. There is no requirement to install QL WebKit, or any other libraries. It however still relies on Fontconfig (the package Tentcenfig) or [librarcenfig], de the distribution). The system must have GUBCOC(3.4.9 and GUBC 2.7.	pending on
FreeBSD	
Binary packages are available via pkg:	
\$ sudo pkg install phantomja	
Source Code	
To get the source code, check the official git repository: github.com/ariya/phantomjs.	
To compiled Phantom/S from source (not recommended, unless it is absolutely necessary), follow the build instructions.	~



Please note that the download on your Windows Server with Internet Explorer will only work if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical documentation from Microsoft.





In this guide, we use PhantomJS version 2.1.1 as an example. You can download the latest version at the time of installation.

Installing PhantomJS

PhantomJS does not need to go through a setup process. Unpack the downloaded ZIP archive. In the folder phantomjs-3.1.1-windows\bin you will find the executable file phantomjs.exe.

```
Simply move tit to C:\bluespice\bin .
```

{{Template:Hint|text=This guide is based on the folder structure recommended by us [[Setup: Installation Guide/Advanced/Windows Folder Structure|recommended by us]. For this reason, the default path to the folder C:\bluespice\bin is set here. If you have other requirements, you must adapt these paths accordingly.}}

Configuring BlueSpice

BlueSpice must have knowledge of the location of phantomjs.exe. After the BlueSpice installation, proceed as follows:

- 1. Open the folder of your BlueSpice installation
- 2. Switch to the subfolder settings.d
- 3. In this subfolder, create a new file named 090-PhantomJS.php
- 4. Fill this file with the following content:

<?php

\$bsgArticlePreviewCapturePhantomJSExecutable = "C:\\bluespice\\bin\\phantomjs.exe";

Finishing the system preparation

If you have completed all steps successfully, you can now continue with installing BlueSpice.