

Setup:Installation Guide/System Preparation/Windows/Parsoid

A quality version of this page, approved on 7 October 2021, was based off this revision.

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Parsoid is the rendering service for the Visual Editor. The steps listed here are optional and only required if you want to use Visual Editor in your BlueSpice installation. After your BlueSpice Installation, you still have to activate VisualEditor.



For the installation and operation of Parsoid, Git and Node.js are required. If you have not installed them yet, follow the links that are provided here.

Installing Parsoid

1. First, open the Windows Command Prompt as administrator. To do this, right-click "Start" (1) and select "Command Prompt (Administrator)" (2):



2. Change into the directory C:\bluespice\bin\npm\node_modules and execute the command:

git clone -depth 1 -branch v0.10.0

3. Change to the parsoid directory C:\bluespice\bin\npm\node_modules\parsoid and execute the command:



npm install

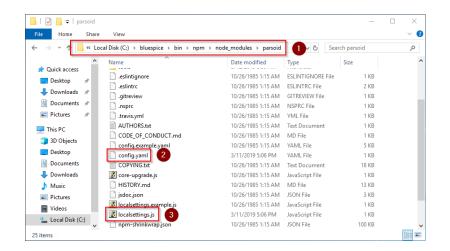
Keep the command prompt open and complete the next steps.

Creating the configuration file

In the BlueSpice codebase you will find two files in the folder extensions /BlueSpiceVisualEditorConnector/docs/parsoid :

- config.yaml
- localsettings.js

Copy them into the folder C:\bluespice\bin\npm\node_modules\parsoid\.



This provides an already finished configuration of Parsoid, which should work in the standard setup without further iadjustments.

Parsoid installation and configuration check

To test the installation and configuration, go back to the command prompt.

Change into the directory C:\bluespice\bin\npm\node_modules\parsoid (1) and start the service with the command "node bin\server.js" (2):



Administrator: Command Prompt - node bin\server.js	- r	×
Microsoft Windows [Version 10.0.14393] (c) 2016 Microsoft Carporation. All rights reserved.		<i>′</i>
C:\Windows\system32>cd \bluespice\bin\npm\node_modules\parsoid		
C:\bluespice\bin\npm\node_modules\parsoid\node bin\server.js {"name":"parsoid","hostname":"WIN-03058RBbbu", pro :3044, iev 2 30,"levelPath":"info/service-runner","msg 4) initializing 2 workers"."ime":"2018-11-151192006575.8367(","y":0)	":"mas	ter(404
"/ anme":"lib/index.js","hostname":"WIN-OJ8QSBRBS0L","pid":4516,"level":30,"levelPath":"info","msg":"loading "2018.11-15T19:01:01.0982","V":0}		"time":
<pre>{"name":"lib/index.js","hostname[®]:"WIN-OJ8QSBRBS0L","pid":4516,"level":30,"levelPath":"info","msg":"ready c e":"2018-11-15T19:01:01.234Z","v":0}</pre>		
<pre>("name":"lib/index.js", "hostname": "WIN-038Q5BRBS0L", "pid":520, "level":30, "levelPath": "info", "msg": "loading 2018-11-15T19:01:03.6732", "V":0} ("name", "loading, "lo</pre>		
{"name":"lib/index.js","hostname":"WIN-0J8QSBRBS0L","pid":520,"level":30,"levelPath":"info","msg":"ready on ":"2018-11-15119:01:03.767Z","V":0} {"name":"parsoid","hostname":"WIN-0J8QSBRB50L","pid":4044,"level":40,"levelPath":"warn/service-runner","msg		
nished","time":"2018-11-15T19:01:03.8062","v":0}		cop is

The service should now start without an error message. For further review, call the URL " http://localhost: 8000" in Internet Explorer. You should see the following page:

Contraction (Contraction)	ר ל ♦ localhost ×	- □ × 命公第 4
Welcome to the <u>Parsoid</u> web service.		
See the API documentation on mediawiki.org.		

Change back to the command prompt and quit Parsoid by pressing "Ctrl+C". Keep the command prompt open and go to the next step.

Installation as a service

To run Parsoid in the background in the future, you need to install Parsoid in a Windows service. To do this, proceed as follows:

In the command prompt, change to the directory "C:\bluespice\bin\npm" (1) and execute the command "npm install node-windows" (2):



🖬 Administrator: Command Prompt — 🗆 >	<
4) initializing 2 workers","time":"2018-11-15T19:00:57.8362","v":0} {"name":"lib/index.js","hostname":"WIN-OJ8QSBRBS0L","pid":4516,"level":30,"levelPath":"info","msg":"loading","time"	Ŷ
"2018-11-1519:01:01.0982","":0} {"name":"lib/index.js","hostname":"WIN-038Q5BRBS0L","pid":4516,"level":30,"levelPath":"info","msg":"ready on :8000","tit e":"2018-11-1519:01:01.2342","v":0}	m
<pre>{"name":"lib/index.js", "hostname": "WIN-038QSBRBS0L","pid":520,"level":30,"levelPath":"info","msg":"loading","time":' 2018-11-15719:01:03.6732"."V":01</pre>	
<pre>{"name":"lib/index.js","hostname":"WIN-0J8QSBRBS0L","pid":520,"level":30,"levelPath":"info","msg":"ready on :8000","timw ":"2018-11-15T19:01:03.7672","V":0}</pre>	e
{"name":"parsoid","hostname":"WIN-OJ8QSBRB50L","pid":4044,"level":40,"levelPath":"warn/service-runner","msg":"Startup f: nished"."time":"2018-11-15T19:01:03.8062"."V":0}	i
{"name":"parsoid","hostname":"WIN-038Q5BR@580L", ["] pid":4044,"level":30,"levelPath":"info/service-runner/master","msg":"ma: ter shutting down, killing workers","time":"2018-11-15719:07:38.800Z","v":0}	5
{"name":"parsoid","hostname":"WIN-058058R850L","pid":4044,"level":30,"levelPath":"info/service-runner/master","msg":"Ex ting master","time":"2018-11-15T19:07:38.8182","v":0}	i
C:\bluespice\bin\npm\node_modules\parsoiocd C:\bluespice\bin\npm	
C:\bluespice\bin\npm inpm install node-windows	
npm <mark>WARN</mark> saveError E <mark>NOENT, no such file on direct</mark> ory, open 'C:\bluespice\bin\npm\package.json' npm <mark>WARN</mark> encent ENOENT: no such file or direct <mark>2</mark> , open 'C:\bluespice\bin\npm\package.json'	
npm WARN npm No description npm WARN npm No repository field.	
npm <mark>NARN</mark> npm No READWE data npm <mark>NARN</mark> npm No license field.	
+ node-windows@0.1.14	
+ node-windowsge.1.14 added 3 packages from 8 contributors in 9.488s	
C:\bluespice\bin\npm>	~

Using a text editor, create the file "C:\bluespice\bin\npm\node_modules\parsoid\ parsoid.service" with the help of this linked content:

🗐 parsoid.service - Notepad — 🗆	>	×
File Edit Format View Help		
<pre>var Service = require('node-windows').Service;</pre>		^
<pre>// Create a new service object var svc = new Service({ name:'Parsoid Web Service', description: 'Parsoid Web Service for MediaWiki', script: 'C:\\bluespice\\bin\\npm\\node_modules\\parsoid\\bin\\server });</pre>	.js'	
<pre>// Listen for the "install" event, which indicates the // process is available as a service. svc.on('install',function(){ svc.start(); }); svc.install();</pre>		
SVC.113Call(),		\sim
5	>	

In the command prompt, change into the directory "C:\bluespice\bin\npm\node_modules\ parsoid" (1) and execute the command "node parsoid.service" (2):

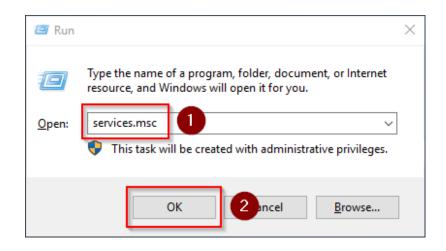
Administrator: Command Prompt	- 🗆 ×
";"2018-11-15719:01:01-2342","':0) "name":11b/1014ex.js", hostname":"NNN-0308S8R50L","pid":520,"level":30,"levelPath": '018-11-15719:01:03.6732","V":0) "name":11b/1014ex.js", "hostname":"NNN-0308S8R50L","pid":520,"level":30,"levelPath": ':"2018-11-15719:01:03.7672",""*0) "name":"parsoid", "hostname":"NNN-0308S8R50L","pid":4044,"level":40,"levelPath":"warr ished", "time": 2018-11-15719:01:03.8062","pid":4044,"level":40,"levelPath":"warr ished", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"warr ished", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"inf "name":"parsoid", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"inf "name": "parsoid", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"inf "name": "parsoid", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"inf "name": "parsoid", "hostname":"NNN-0308SR850L","pid":4044,"level":30,"levelPath":"inf	"info","msg":"ready on :8000","time n/service-runner","msg":"Startup fi o/service-runner/master","msg":"mas
:\bluespice\bin\npm\node_modules\parsoid>cd C:\bluespice\bin\npm	
:\bluespice\bin\npm>npm install node-windows pm MEM_saveFror ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\packa pm MEM_savefror ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package. pm MEM_n npm No description pm MEM_n npm No repository field. pm MEM_n npm No README data pm MEM_n npm No Richard field.	
node-windows@0.1.14 dded 3 packages from 8 contributors in 9.488s	
C:\bluespice\bin\npm≽cd C:\bluespice\bin\npm\node_modules\parsoid	
:\bluespice\bin\npm\node_modules\parsoid node parsoid.service	
C:\bluespice\bin\npm\node modules\parsoid>	

You can now close the command prompt.



Then enter the key combination Windows+R.

In the following dialog box, enter "services.msc" (1) and confirm with "OK" (2):



Find the service "Parsoid Web Service" and open it with a double-click:

Services File Action View	Help					- 0)
⊨ 🔿 📊 🖬 🖬	· · · · · · · · · · · · · · · · · · ·						
🐊 Services (Local)	O Services (Local)	-					
	Select an item to view its description.	Name	Description	Status	Startup Type	Log On As	
		KtmRm for Distributed Tran	Coordinates		Manual (Trig	Network S	
		Link-Layer Topology Discov			Manual	Local Service	
		Local Session Manager	Core Windo	Running	Automatic	Local Syste	
		Microsoft (R) Diagnostics H			Manual	Local Syste	
		Microsoft Account Sign-in			Manual (Trig	Local Syste	
		Microsoft App-V Client	Manages A		Disabled	Local Syste	
		Microsoft iSCSI Initiator Ser			Manual	Local Syste	
		Microsoft Passport	Provides pr		Manual (Trig	Local Syste	
		Microsoft Passport Container			Manual (Trig	Local Service	
		Alicrosoft Software Shadow			Manual	Local Syste	
		Microsoft Storage Spaces S	Host service		Manual	Network S	
		A Mozilla Maintenance Service			Manual	Local Syste	
		Net.Tcp Port Sharing Service	Provides abi		Disabled	Local Service	
		A Netlogon	Maintains a		Manual	Local Syste	
		Network Connection Broker	Brokers con	Running	Manual (Trig	Local Syste	
		Network Connections	Manages o		Manual	Local Syste	
		Network Connectivity Assis			Manual (Trig	Local Syste	
		Network List Service	Identifies th	Running	Manual	Local Service	
		Network Location Awareness		Running	Automatic	Network S	
		Network Setup Service	The Networ		Manual (Trig	Local Syste	
		A Network Store Interface Ser		Running	Automatic	Local Service	
		Offline Files	The Offline		Disabled	Local Syste	
		Optimize drives	Helps the c		Manual	Local Syste	
		Arsoid Web Service	Parsoid We		Automatic	Local Syste	
		Performance Counter DLL	Enables rem		Manual	Local Service	
		Performance Logs & Alerts	Performanc		Manual	Local Service	
		A Phone Service	Manages th		Manual (Trig	Local Service	
		Plug and Play	Enables a c	Running	Manual	Local Syste	
		Portable Device Enumerator			Manual (Trig	Local Syste	
		A Power	Manages p	Running	Automatic	Local Syste	
		A Print Spooler	This service	Running	Automatic	Local System	
	Extended Standard	weet raise oppositer	THIS SERVICE IN	roanning	racomotic	Local system	

Select the startup type "Automatic" (1) and start the service (2). After the service is started, close the window with "OK" (3):



Parsoid W	/eb Servi	e Propertie	s (Local Comp	uter)		×	
General	Log On	Recovery	Dependencies				
Service	name:	parsoidwebs	service.exe				
Display	name:	Parsoid Wel	b Service				
Descript	tion:	Parsoid We	b Service for Me	ediaWiki	< >		
	executabl espice\bin		modules\parsoid	l\bin\daemon\par	soidwebser		
Startup	ty	Automatic			~		
Service	status:	Stopped					
S	itart	2 op	Pa	use R	esume		
You can specify the start parameters that apply when you start the service from here.							
Start pa	rameters:						
				-			
			ОК	3 Icel	Apply		

In Internet Explorer, check the URL "http://localhost:8000", as already explained in the previous step, whether the Parsoid service started successfully.

Next step

If you have completed all steps successfully, you can proceed to the next step " Python".