

Setup:Installation Guide/System Preparation/Windows/Parsoid

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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

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



Change into the directory C:\bluespice\bin\npm (1) execute the command "npm install parsoid" (2):



📾 Administrator: Command Prompt	-		×
Microsoft Windows [Version 10.0.14393]			
(c) 2016 Microsoft Corporation. All rights reserved.			
C:\Users\Administrator>cd \bluespice\bin\npm			
L:\oluespice\bln\npr}npm install parsold			
npm WARN deprecated formidable@1.0.17: Old versions of Formidable are not compatible with the current Node,	.js;	Upgrade	e t
o 1.2.0 or later			
npm Wakk deprecated is-my-json-valid@2.16.0: catastrophic backtracking in regexes could potentially lead to unprade to 2.17.2 as soon as nossible	D RED	os atta	аск
npm WARN deprecated jade@0.26.3: Jade has been renamed to pug, please install the latest version of pug in	stead	of ja	de
npm wakw deprecated kad-rswo.0.4: Please upgrade to wkadenceproject/kadence - See https://kadence.ginuo.1e npm wakw deprecated kad-memstore@0.0.1: Please upgrade to @kadenceproject/kadence - See https://kadence.gi	o thub.	io	
npm WARN deprecated minimatch@0.3.0: Please update to minimatch 3.0.2 or higher to avoid a RegExp DoS issu	e		
npm WARN deprecated nsp@2.8.1: The Node Security Platform service is shutting down 9/30 - https://blog.npm F51453408/f/the pade cacutity platform convice is chutting	js.or	g/post,	/17
nom wARM deprecated joi@6.10.1: This version is no longer maintained. Please upgrade to the latest version,			
npm <mark>MARN</mark> deprecated wreck@6.3.0: This version is no longer maintained. Please upgrade to the latest version	n.		
npm WARN deprecated to-iso-string@0.0.2: to-iso-string has been deprecated, use @segment/to-iso-string ins	tead.		
> dtrace-provider@0.8.7 install C:\bluespice\bin\npm\node_modules\dtrace-provider			
> node-gyp rebuild node suppress-error.js			
C:\bluespice\bin\npm\node_modules\dtrace-provider>if not defined npm_config_node_gyp (node "C:\Program Fil	es\no	dejs\n	ode
<pre>modules\npm\node_modules\npm-lifecycle\node-gyp-bin\\\node_modules\node-gyp\bin\node-gyp</pre>		lse (no	ode
C. (Program Files (node)s (node_modules (nom(node_modules (node-gyptoin(node-gypt)s) rebuild) Building the projects in this solution one at a time. To enable parallel build, please add the "/m" switch			
npm 🔤 NARM saveError ENGENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json'			
npm motice created a lockfile as package-lock.json. You should commit this file.			
npm water router in description			
npm WARN npm No repository field.			
npm wakn npm No KEAUME data			
+ parsoid@0.8.1			
added S17 packages from 619 contributors in 115.4725			
C:\bluespice\bin\npm>			~

Keep the command prompt open and complete the following step

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\.

🛃 📙 🖛 parsoid				-	
File Home Share	View				\sim
> • 1 📙 « Lo	ocal Disk (C:) > bluespice > bin > npm	→ node_modules → parsoid	1 ♂ Č Sea	rch parsoid	۶
^	Name	Date modified	Туре	Size	
Quick access	eslintignore	10/26/1985 1:15 AM	ESLINTIGNORE File	1 KB	
Desktop 🖈	.eslintrc	10/26/1985 1:15 AM	ESLINTRC File	2 KB	
👆 Downloads 🖈		10/26/1985 1:15 AM	GITREVIEW File	1 KB	
🗎 Documents 🖈	nsprc	10/26/1985 1:15 AM	NSPRC File	1 KB	
📰 Pictures 🛛 🖈	.travis.yml	10/26/1985 1:15 AM	YML File	1 KB	
This PC	AUTHORS.txt	10/26/1985 1:15 AM	Text Document	1 KB	
	CODE_OF_CONDUCT.md	10/26/1985 1:15 AM	MD File	1 KB	
J 3D Objects	config.example.yaml	10/26/1985 1:15 AM	YAML File	5 KB	
Desktop	🗋 config.yaml 🛛 🙎	3/11/2019 5:06 PM	YAML File	1 KB	
Documents	COPYING.txt	10/26/1985 1:15 AM	Text Document	18 KB	
👆 Downloads	Score-upgrade.js	10/26/1985 1:15 AM	JavaScript File	1 KB	
Music	HISTORY.md	10/26/1985 1:15 AM	MD File	13 KB	
Pictures	📄 jsdoc.json	10/26/1985 1:15 AM	JSON File	3 KB	
Videos	S localsettings.example.js	10/26/1985 1:15 AM	JavaScript File	1 KB	
in Local Dick (C)	Iocalsettings.js	3/11/2019 5:06 PM	JavaScript File	1 KB	
LOCALDISK (C:)	npm-shrinkwrap.json	10/26/1985 1:15 AM	JSON File	100 KB	

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):

Ges Administrator: Command Prompt - node bin\server.js	-		×
Microsoft Windows [Version 10.0.14393] (c) 2016 Microsoft Connection All rights reserved			^
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-030508h390t_, piz:4944, rev 2_30,"levelPath":"info/service-runner","ms 4) initializine 2 workers", 'time'':2018.11.15112(006157.88627, ''':0)	g":"ma	ister(4	404
{ ['] name":"lib/index.js","hostname":"WIN-OJ8QSBRBS0L","pid":4516,"level":30,"levelPath":"info","msg":"loadin "2018-11-15119:01:01.0987"."v":0}	g"	,"time	e":
<pre>{"name":"lib/index.js", "hostname":"WIN-0J8QSBRBS0L", "pid":4516, "level":30, "levelPath":"info", "msg":"ready o":"2018.11.15T19.01.01.247" "y":0</pre>	on :80	100","1	tim
<pre>("name":"lib/index.js", "hostname": "WIN-0J8QSBRBS0L", "pid":520, "level":30, "levelPath": "info", "msg": "loading parts 11 f10:01:02 6727" """:01</pre>		"time'	":"
{"name":"lib/index.js","hostname":"WIN-OJ8QSBRBS0L","pid":520,"level":30,"levelPath":"info","msg":"ready o	n :800	0","ti	ime
<pre>("name":"parsoid","boxtos.corz, v to; ("name":"parsoid","boxtoame":"illu-O30gSBRBS0L","pid":4044,"level":40,"levelPath":"warn/service-runner","ms nished","time":"2018-11-15T19:01:03.806Z","v":0}</pre>	g":"St	artup	fi
			.
			~

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:

e المتحد المحد	- □ × 命章® 9
Welcome to the Parsoid 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):



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	-		\times
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\\b: });</pre>	in\\se	rver.j	js'
<pre>// Listen for the "install" event, which indicates the // process is available as a service. svc.on('install',function(){ svc.start(); });</pre>			
<pre>svc.install();</pre>			~
κ			>

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



C Administrator: Command Prompt	-		<
<pre>"""2018-11-55719:08:101.2342","v":0} ("name:'ILIN'INGA: yi, "Nostname": "WIN-03058R850L","pid":520,"level":30,"levelPath":"info","msg":"loading 2018-11-15f19:01:03.6732","v":0) ("name":ILIN'INGA: yi, "Nostname": "WIN-030558R850L","pid":520,"level":30,"levelPath":"info","msg":"loading '""2018-11-15f19:01:03.7672","v":0) ("name":ILIN'INGA: yi, "Nostname":"WIN-030558R850L","pid":520,"level":30,"levelPath":"info","msg":"loading '""2018-11-15f19:01:03.7672","v":0) ("name":ILIN'INGA: yi, "Nostname":"WIN-030558R850L","pid":520,"level":30,"levelPath":"info","msg":"cady o '""2018-11-15f19:01:03.7672","v":0) ("name":ILIN'INGA: yi, "Nostname":"WIN-030558R850L","pid":520,"level":30,"levelPath":"info","msg":"cady o '"""'''''''''''''''''''''''''''''''''</pre>	", 1 :800 g":"St er","m er","m	"time": 0","tim artup fi sg":"ma sg":"Ex	* e i
c:\bluespice\bin\npm\node_modules\parsoid>cd C:\bluespice\bin\npm C:\bluespice\bin\npm>npm install node-windows npm MARL saveError ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json' npm MARL encoment ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json' npm MARL encoment ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json' npm MARL encoment ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json' npm MARL encoment ENDENT: no such file or directory, open 'C:\bluespice\bin\npm\package.json' npm MARL encoment ENDENT: and the same file of the same same same same same same same sam			
+ node-windows@0.1.14 added 3 packages from 8 contributors in 9.488s C:\bluespice\bin\npmkcd C:\bluespice\bin\npm\node_modules\parsoid C:\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:

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File Action View	Help						
⊨ 🔿 📅 🔯 🗟) 🛛 📷 🕨 🖉 🖬 🖬 🕬						
§ 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-Laver Topology Discov	Creates a N		Manual	Local Service	
		Local Session Manager	Core Windo	Running	Automatic	Local Syste	
		Microsoft (R) Diagnostics H	Diagnostics		Manual	Local Syste	
		Microsoft Account Sign-in	Enables use		Manual (Trig	Local System	
		Microsoft App-V Client	Manages A		Disabled	Local System	
		Microsoft iSCSI Initiator Ser	Manages In		Manual	Local System	
		Microsoft Passnort	Provides pr		Manual (Trig	Local Syste	
		Microsoft Passport Container	Manages Io		Manual (Trig	Local Service	
		Microsoft Software Shadow	Manages so		Manual	Local Syste	
		Microsoft Storage Spaces S	Host service		Manual	Network S	
		Mozilla Maintenance Service	Der Mozilla		Manual	Local Syste	
		Net Top Port Sharing Service	Provides abi		Disabled	Local Service	
		Netlogon	Maintains a		Manual	Local System	
		Network Connection Broker	Brokers con	Running	Manual (Trig	Local System	
		Network Connections	Manages o	nanning	Manual	Local System	
		Network Connectivity Assis	Provides Dir		Manual (Trig	Local System	
		Network List Service	Identifies th	Running	Manual	Local Service	
		Network Location Awareness	Collects an	Running	Automatic	Network S	
		A Network Setup Service	The Networ		Manual (Trig	Local Syste	
		Network Store Interface Ser	This service	Running	Automatic	Local Service	
		Offline Files	The Offline		Disabled	Local System	
		Ontimize drives	Heins the c		Manual	Local System	
		A Parsoid Web Service	Parsoid We		Automatic	Local System	
	l I	Performance Counter DLL	Enables rem		Manual	Local Service	
		Performance Logs & Alerts	Performanc		Manual	Local Service	
		Phone Service	Manages th		Manual (Trig	Local Service	
		Plug and Play	Enables a c	Running	Manual	Local System	
		Portable Device Enumerator	Enforces or		Manual (Trig	Local System	
		Dower	Manages p	Running	Automatic	Local System	
		O Print Spooler	This service	Running	Automatic	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 Web Service Properties (Local Computer)						
General	Log On	Recovery	Dependencies			
Service n	name:	parsoidweb	bservice.exe			
Display n	ame:	Parsoid We	eb Service			
Descriptio	on:	Parsoid We	/eb Service for MediaWiki			
Path to ex "C:\blues	xecutabl spice\bin	e: \npm\node_	_modules\parsoid\bin\daemon\parsoidwebser			
Startup ty		Automatic	•			
Service s	tatus:	Stopped				
Sta	art	2 op	p Pause Resume			
You can a from here	specify t	he start para	ameters that apply when you start the service			
Start para	ameters:					
			OK 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".