

Setup:Installation Guide/System Preparation/Windows/Node.js

A quality version of this page, approved on 13 September 2019, was based off this revision.

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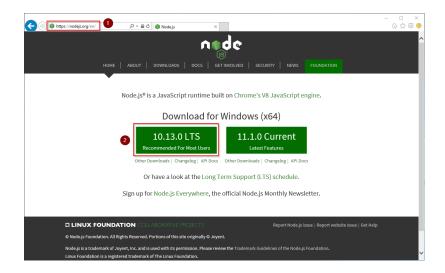


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Node.js is required for the operation of the rendering service "Parsoid" for the Visual Editor. The steps listed here are optional and only required if you plan to use them in your BlueSpice installation.

Downloading Node.js

In Internet Explorer, open the official website of Node.js (1). Download the latest LTS version 10.x (2).



Follow the further download instructions and download the installation package to your hard drive.



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



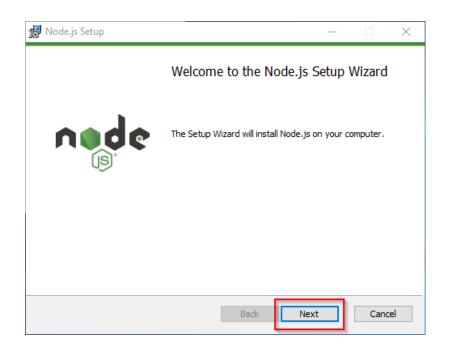
Tis guide uses the Node.js version 10.13.0 as an example. You can download the latest Nodee. js version tat the time of installation.



Installing Node.js

Open the downloaded file "node-v10.13.0-x64.msi".

Start the installation by clicking "Next>":



Confirm the license (1) and click "Next >" (2):

🖟 Node.js Setup	—		\times
End-User License Agreement Please read the following license agreement carefully	ń		¢
Node.js is licensed for use as follows:			^
Copyright Node.js contributors. All rights reserved.			
Permission is hereby granted, free of charge, to any perso a copy of this software and associated documentation files "Software"), to deal in the Software without restriction, in without limitation the rights to use, copy, modify, merge, p distribute, sublicense, and/or sell copies of the Software, a permit persons to whom the Software is furnished to do se	(the cluding oublish, and to	,	*
☑ I accept the terms in the License Agreement			
Print Back Next		2 ar	icel



Confirm the further installation steps by clicking "Next >":

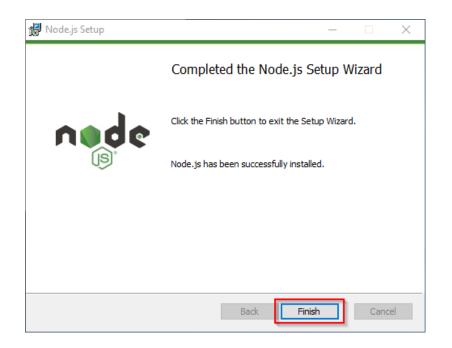
Destination Folder Choose a custom location or click Next to install.	nede	Custom Setup Select the way you want features to be installed.	nede	Tools for Native Modules Optionally install the tools necessary to comple native modules.	nøde
formal fields (μ to: Σ:(Program Fiel (voldge)) Obange		Old the costs in the three bolies to sharing the visit 	Install the care holds in unitime (node and). This fasture inquires 23/90 an your hard distant, if hang 24/92 an automation of the state of the automation of the state of the hard distant.	Sever rpm: modules need to be completed from CC+++ when installing to make. One complete the com	Tools) need to be natal Boxstarter and tallation completes.
Fack [Next Cancel	Reset Disk Usage	Brokser Cancel	Fleck Net	sit Cancel

Start the installation by clicking "Install":

🙀 Node.js Setup		-		\times
Ready to install Node.js		n	de	•
Click Install to begin the installation. Click Back to r installation settings. Click Cancel to exit the wizard	eview or change any	of you	r	
Back	Install		Cance	4

You can close the setup program after finishing the installation:





Adjusting the Installation path of the Node.js packages

By default, Node.js installs its packages in the profile directory of the logged-in user. Since Node. js is intended solely to operate as a user-independent server application under BlueSpice, it is strongly recommended that you change the default path for these packages:

In the Node.js installation folder, open the file node_modules\npm\npmrcin a text editor:

→ ~ ↑ 📑 > T	'his PC → Local Disk (C:) → Program Fil	les > nodejs > node_modules >	npm 1		~ Ö	Search npm	
-	Name	Date modified	Type Siz	e			
🖈 Quick access	bin	3/12/2019 5:02 AM	ile folder				
E Desktop 🖉	changelogs		File folder				
🕹 Downloads 🛛 🖈			File folder				
👔 Documents 🛛 🖈			File folder				
Pictures #			File folder				
	man	3/12/2019 5:02 AM	File folder				
This PC	node modules	3/12/2019 5:02 AM	-ile folder				
3D Objects	scripts	3/12/2019 5:02 AM	-ile folder				
E Desktop	test	3/12/2019 5:02 AM	-ile folder				
Documents	.mailmap	8/2/2018 4:56 PM	MAILMAP File	4 KB			
🕹 Downloads	.npmignore	8/3/2018 6:00 AM	NPMIGNORE File	1 KB			
Music	.travis.yml	3/5/2019 1:14 PM	/ML File	2 KB			
Pictures	appveyor.yml	8/2/2018 4:56 PM	/ML File	1 KB			
Videos	AUTHORS	3/5/2019 1:14 PM	File	23 KB			
Local Disk (C:)	CHANGELOG.md	3/5/2019 1:14 PM	MD File	61 KB			
Cocar Disk (C:)	configure		file	1 KB			
network 🥩	CONTRIBUTING.md		MD File	5 KB			
	LICENSE		file	10 KB			
	imake.bat		Windows Batch File	1 KB			
	Makefile		file	6 KB			
	npmrc 2		File	1 KB			
	package.json README.md	3/5/2019 1:14 PM	SON File	8 KB			

Edit this file and enter the new default path for your Node.js packages:



Chipogram File/hode/hodod_modulet/npm/mpmrc - Notegad++ (Administrate) File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?		×
1 prefix=C:\bluespice\bin\npm		
1 prefix=C:\bluespice\bin\npm		
lormal text file length : 29 lines : 2 Ln : 1 Col : 28 Sel : 0 0 Windows (CR LF) L	UTE-8	 NS .

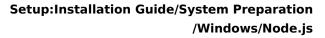
Save the file and close the editor.

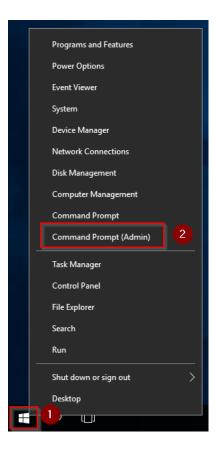
{{Template:Hint|text=This documentation is based on the [[Setup:Installation Guide/Advanced /Windows_Folder_Structure | folder structure recommended by us]. For this reason, the default path for the Node.js packages is set to the folder C:\bluespice\bin\npm. If you have different requirements, you must adapt these paths accordingly.}}

Installing the Windows Build Tools

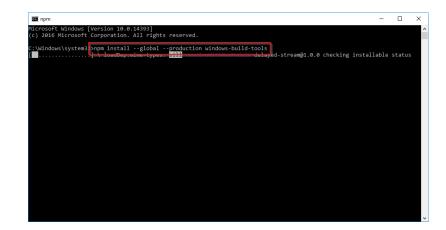
The Node.js package windows-build-tools is required for installing the relevant BlueSpice applications.

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





Execute the command "npm install --global --production windows-build-tools":





BlueSpice

This command may take a long time and not show any activity for a long time. However, it is still active and must not be canceled! Additionally, Windows Server may restart during the process without warning. In this case, restart the installation as described above.

After successful installation, you can close the command prompt:





Command Prompt	-	1
Successfully installed Visual Studio Build Tools.		^
Successfully installed Python 2.7		
Now configuring the Visual Studio Build Tools and Python		
All done!		
+ windows-build-tools@5.0.0 updated 1 package in 968.779s		
C:\Windows\system32>		
		~

Next step

If you have completed all steps successfully, you can delete the previously downloaded file "nodev10.13.0-x64.msi" from your hard disk and continue to the next step " Parsoid".