

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

## Contents

1	Download	. 2
2	Installing Node.js	. 2
3	Adjusting the Installation path of the Node.js packages	. 5
4	Installing the Windows Build Tools	. 6
5	Next step	. 8





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.

# Download



This guide uses the Node.js version 10.13.0 as an example. You can download any 10.x version of Node.js.

BlueSpice is NOT compatible with a Node.js version greater than 10.x!

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

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



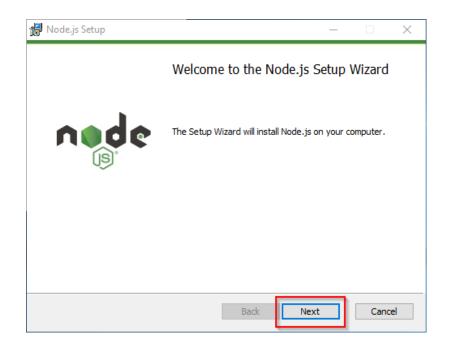
Please note that the download on your Windows Server with Internet Explorer only works if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical documentation from Microsoft.

## 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	n	<b>b</b>	¢
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		ining	
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,	and to		
permit persons to whom the Software is furnished to do s	o, subj	ect	¥
☐ I accept the terms in the License Agreement			
Print Back Next		2 an	icel



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

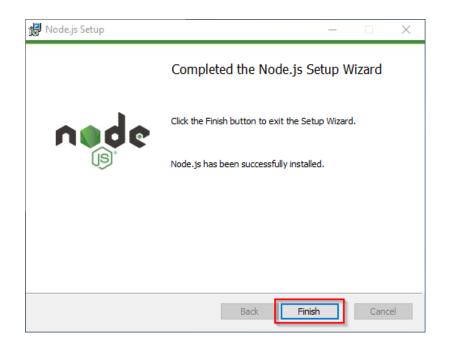
Destination Folder Choose a custom location or click Next to install.	nøde	Custom Setup Select the way you want features to be installed.	nøde	Tools for Native Modules Optionally install the tools necessary to comple native modules.	nøde
Frend Holds (r to: -:Program Flastrodap) Drange	_	Clid the taxes in the tree below to sharper the van	y features will be installed. Install the cure holds is number (node way). The form registrar 2008 on your subfeatures registrar 2018 on your subfeatures registrar 2018 on your subfeatures registrar 2018 on your hard dhive.	Some reprinted as made to be completed from CC++ when heads to program of models result of prints 2 and the Solida is model	ild Tools) need to be o install Boxistarter and installation completes.
Inde	Next Cancel	Reset Disk Usage	Browse Back Next Cancel	Teck	Next Cancel

Start the installation by clicking "Install":

记 Node.js Setup	—		$\times$
Ready to install Node.js	ń		
Click Install to begin the installation. Click Back to review or o installation settings. Click Cancel to exit the wizard.	change any of y	our	
Back	Install	Cance	el

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:

· -> -> 🛧 📙 >	This	PC → Local Disk (C:) → Program Fil	es > nodejs > node_modules	> npm 🚺		v Ö	Search npm	۶
		Name	Date modified	Туре	Size			
📌 Quick access		bin	3/12/2019 5:02 AM	File folder				
E Desktop	*	changelogs	3/12/2019 5:02 AM	File folder				
👆 Downloads	*	doc	3/12/2019 5:02 AM	File folder				
Documents	*	html	3/12/2019 5:02 AM	File folder				
E Pictures	*	lib	3/12/2019 5:02 AM	File folder				
		man	3/12/2019 5:02 AM	File folder				
This PC		node modules	3/12/2019 5:02 AM	File folder				
3D Objects		scripts	3/12/2019 5:02 AM	File folder				
E Desktop		test	3/12/2019 5:02 AM	File 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	YML File	2 KB			
Pictures		appveyor.yml	8/2/2018 4:56 PM	YML File	1 KB			
Videos		AUTHORS	3/5/2019 1:14 PM	File	23 KB			
		CHANGELOG.md	3/5/2019 1:14 PM	MD File	61 KB			
Local Disk (C:)		Configure	8/2/2018 4:56 PM	File	1 KB			
💣 Network		CONTRIBUTING.md	11/15/2018 10:29	MD File	5 KB			
		LICENSE	8/2/2018 4:56 PM	File	10 KB			
		💿 make.bat	8/2/2018 4:56 PM	Windows Batch File	1 KB			
		Makefile	8/2/2018 4:56 PM	File	6 KB			
		npmrc 2	8/2/2018 4:56 PM	File	1 KB			
		package.json	3/5/2019 1:14 PM	JSON File	8 KB			
		README.md	11/15/2018 10:29	MD File	5 KB			

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

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



*C:\Program Files\nodejs\node_modules\npm\npmrc	Notepad++ [Administrator]			-	×
File Edit Search View Encoding Language Settin		ns Window ?			)
🕞 😅 🖼 👒 👒 🖓 🚔 🕹 👘 🛍 🔁 🖒 📾					
mpmgc E3					
<pre>l prefix=C:\bluespice\bin\npm</pre>					
2					
vormal text file	length: 29 lines: 2	Ln:1 Col:28 Sel:0 0	Windows (CR LF)	1175.0	NS

Save the file and close the editor.

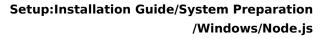


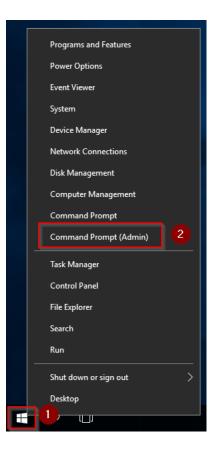
This documentation is based on the folder structure recommended by us. For this reason, the default path for the Node.js packages is set to the folder C:\bluespice\bin\npm. If you have different requirements, you must adapt these paths accordingly.

### 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 --vs2015 windows-build-tools":

npm	-	
crosoft Windows [Version 10.0.14393] ) 2016 Microsoft Corporation. All rights reserved.		
\Windows\system3 <mark>4&gt;npm installglobalproduction windows-build-tools</mark>	installable	
	3 1150010010	_ status

Execute the command in C:\Windows\system32.



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".