

Byonic Java Environmental

Variable Setting

December, 2019

Java Requirement

Java is required to run Byonic. Either Oracle JRE (version 8 or above) or OpenJDK (version 11.0.2 or above) needs to be installed. Byonic uses the system environmental variable PMI_JAVA_HOME to determine the version of Java to use. If undefined, then the default Oracle Java registered in the system is used.

- If no version of Java is installed, install Oracle JRE: Download and install the 64-bit version from https://www.java.com/en/. Java is usually installed in the "C:\Program Files\Java" directory and registered into the system. Byonic should be able to use the default Java, no further setting is necessary.
- If multiple versions of Java are installed and Byonic needs to use a specific one, then use the following steps to create the environmental variable 'PMI_JAVA_HOME' and set the value to the version Byonic should use *e.g:* PMI_JAVA_HOME=C:\Program Files\java\jre1.8.0_191

Detailed Steps:

- 1. Open Advanced system settings
 - For older Windows version:
 Open Control Panel -> System Properties -> Advanced -> Environmental Variables.
 - In Windows 10: Open Control Panel -> System and Security -> System and click Advanced system settings.



Figure 1: Windows 10 System settings

2. Select the **Advanced** tab and click **Environment Variables**.

System Properties	×
Computer Name Hardware Advanced System Protection Remote	
You must be logoco on as an Administrator to make most of these changes. Performance Visual effects, processor scheduling, memory usage, and virtual memory Settings	
User Profiles Desktop settings related to your sign-in Settings	
Startup and Recovery System startup, system failure, and debugging information Settings	
Environment Variables]
OK Cancel Apply	

Figure 2: Advanced System Properties from the Control Panel

3. If you have admin privileges, create a System variable (1), otherwise, create a user variable (2)

Er	nvironment Variables		
	User variables for		
	Variable	Value	
	OneDrive	C:\Users\ \OneDrive	
	Path	C:\Users\\AppData\Local\Microsoft\WindowsApps;;C:\Us	
	TEMP	C:\Users\ \AppData\Local\Temp	
	ТМР	C:\Users\ AppData\Local\Temp	
		2 New Edit Delete	
	System variables		
	Variable	Value	
	OS	Windows_NT	
	Path	C:\Program Files\Java\jdk-11.0.2\bin;C:\Program Files (x86)\C	
	PATHEXT	.COM;.EXE;:BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC;.PY;.PYW	
	PMI_JAVA_HOME	C:\Program Files\Java\jdk-11.0.2	
	PROCESSOR_ARCHITECTU AMD64 PROCESSOR_IDENTIFIER Intel64 Family 6 Model 158 Stepping 9, GenuineIntel		
	PROCESSOR_LEVEL	6	,
	PROCESSOR REVIEWON	1 New Edit Delete	
		OK Cancel]

Figure 3: Environmental Variables dialog

4. In the New System (or User) Variable dialog, enter Variable name "PMI_JAVA_HOME". Click **Browse Directory** and navigate to the Java folder (C:\Program Files\java\jre1.X.X_XXX) and click **Open**.

New System Variable				
Variable name:	PMI_JAVA_HOME			
Variable value:	C:\Program Files\Java\jre1.8.0_191	Selected Java version		
Browse Directory Browse File		OK Cancel		

Figure 4: New Environnemental Variable creation

<u>Note</u>: If the PMI_JAVA_HOME variable was already defined with an older version of Java that need to be replaced, select the variable name, click **Edit**, then click **Browse Directory**. Navigate to the new Java folder, click **Open**, and then click **OK** to save the edited variable value.