

# Verify Node.js Environment on IBM i

*Node.js* runs in the *PASE environment* on IBM i, like many other open source technologies. The steps on this page can be used to verify that *Node.js* has been properly installed.

## Step 1: Starting a PASE Environment

A *PASE session* can be started on an *IBM i* in a *5250 session* with the following command:

```
CALL QP2TERM
```

Alternatively, you can start a *terminal session* through **Git Bash**, **Powershell**, **PuTTY**, or similar PC client. These solutions would require that your *IBM i* have **SSH** set up. You can refer to the following [document](#) for details on how to set up **SSH** on *IBM i*.

## Step 2: Add Opensource Installation Directory to PATH Environment Variable

Open source packages are installed into `/QOpenSys/pkg/bin` on an *IBM i*. If not done already, you will need to add the open source installation directory to your *PATH environment variable*. This can be done with the following commands:

```
PATH=/QOpenSys/pkg/bin:$PATH
export PATH
```

## Step 3: Selecting Node.js Version

If you have multiple versions of *Node.js* installed, you can select a specific version to use during your session with the following command:

```
nodever list
```

You should get a prompt like the prompt shown in the following screenshot. Enter the number corresponding to the *Node.js* version option you would like to use and press *Enter*.

```
-bash-4.4$ PATH=/QOpenSys/pkg/bin:$PATH
-bash-4.4$ export PATH
-bash-4.4$ nodever list
You have the following versions of Node.js installed.
*[0]  Node.js v10.15.3  with npm v6.9.0 is installed.
 [1]  Node.js v8.15.1   with npm v6.4.1 is installed.

Select the version of Node.js you want to use: (0~1)0
Node.js v10.15.3      with npm v6.9.0 will now be used.
-bash-4.4$
```

 The use of `nodever list` does require that the `PATH` environment variable be previously set, as shown in *Step 2*.

## Step 4: Checking the Version of Node.js

The following command can be used to verify that *Node.js* is running properly and that the installed or selected version is currently in use:

```
node -v
```

This should produce output that shows the version currently in use, as shown in the following screenshot:

```
-bash-4.4$ PATH=/QOpenSys/pkg/bin:$PATH
-bash-4.4$ export PATH
-bash-4.4$ node -v
v10.15.3
-bash-4.4$
```

Should you experience any errors when running a particular command, please make sure all of the preceding steps have been completed. Depending on how you start your PASE environment, you may have to set the *PATH* and select your version each time.