

**Oracle Banking Extensibility Workbench**  
**Installation Guide**  
**Release 14.4.0.0.0**  
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Oracle Banking Extensibility Workbench Installation Guide  
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## 1.1 Introduction

This guide would help you to install the Oracle Banking Extensibility Workbench – OBX on designated environment. It is assumed that all the prior setup is already done related with Base product/ Kernel. In this document it is also assumed that installation will be done on Windows 10 operating system with minimum 8GB Ram and available/free space of 5GB.

## 1.2 Audience

This document is intended for the teams and developers who are responsible for creating extensions like services and web components for products which are developed using Oracle Banking Microservices Architecture.

## 1.3 Document Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.4 Related Documents

## 2. OBX Setup

### 2.1 Prerequisites

#### Machine and Operating System

- Windows 10 64-bit: Pro, Enterprise, or Education (Build 15063 or later)
- 8/16GB RAM
- 100GB of free space

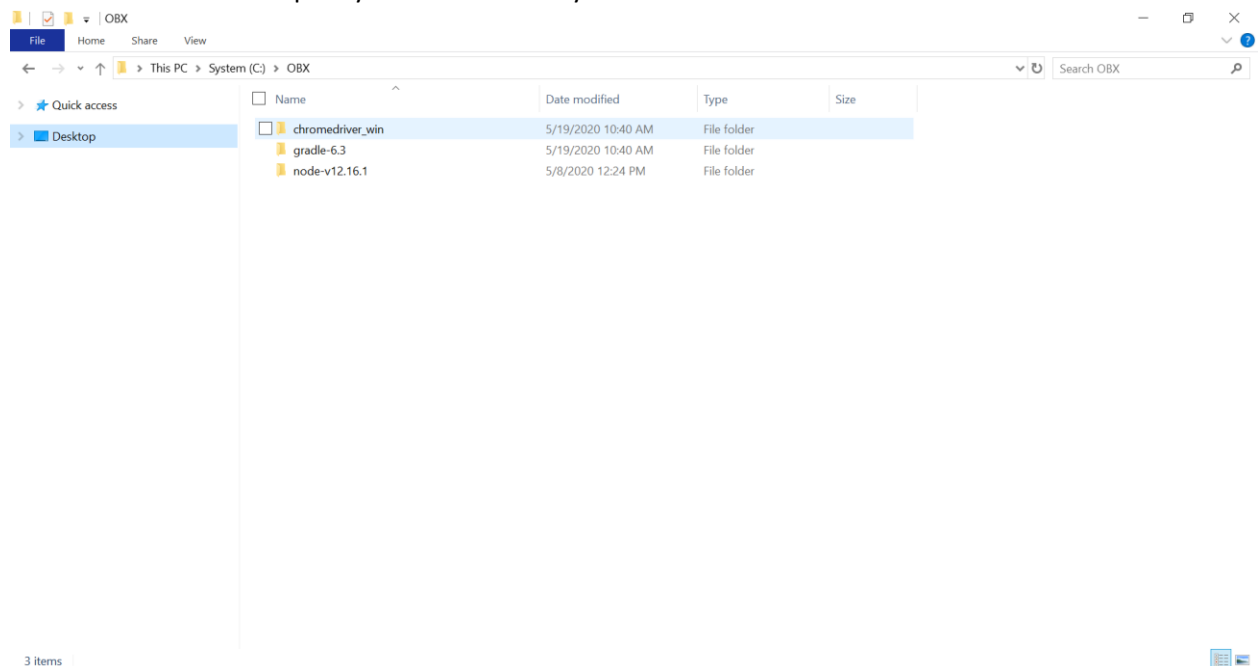
#### List of Software

- Machine should have Java JDK 8 installed
- Cmdr | Console Emulator (Latest Version v1.3.21) (Recommended for Running sh files on windows)
- Visual Studio Code or Any preferred IDE
- Postman for Windows
- Chrome Browser/ Firefox
- SQL developer

### 2.2 Steps to Install OBX

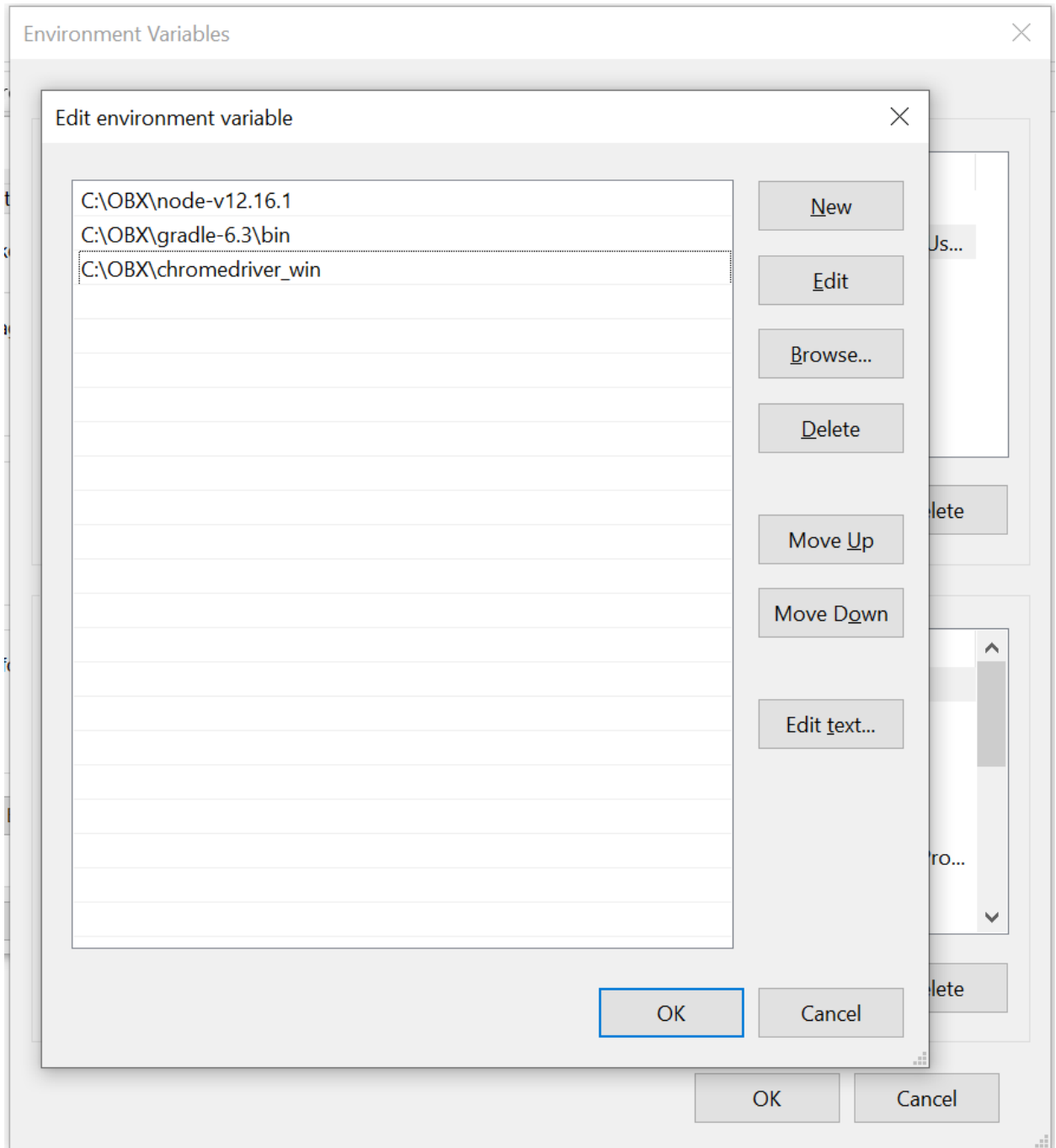
Following are the steps needed to followed sequentially for installing OBX on machine:

- Remove any previously installed NodeJS or Gradle on the machine and restart the machine
- Extract the folder obx.zip on your local directory



- Set the Environment Variable for Gradle, Node and ChromeDriver by modifying the Path of User Variables

- Point the path to extracted folder of OBX



- Save all the settings and open cmd or command prompt
- Create a directory extension\_home like C:\OBX\extension\_home
- Through cmd or command prompt navigate to extension\_home folder
- Verify the Installation by using the command obx -h

```
C:\OBX\extension_home
λ obx -h
obx <command>

Commands:
obx event [options]      Creates publisher and/or subscriber event service
obx release              Displays release note
obx service <command> [options] Creates new domain service
obx startup [options]    Executes UI component
obx task [options]       Creates a reference task service
obx ui [options]         Creates UI component
obx validation [options] Creates a validation service
obx xdl-gen [options]    Opens OBX UI for generating XDL file

Options:
-h, --help      Show help
-v, --version   Show version information

Examples:
obx service new -c

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C:\OBX\extension_home
λ
```

- Also Verify gradle installation by using command gradle -v

```
C:\OBX\extension_home
λ gradle -v

-----
Gradle 6.0.1
-----

Build time:   2019-11-18 20:25:01 UTC
Revision:    fad121066a68c4701acd362daf4287a7c309a0f5

Kotlin:      1.3.50
Groovy:      2.5.8
Ant:         Apache Ant(TM) version 1.10.7 compiled on September 1 2019
JVM:         1.8.0_221 (Oracle Corporation 25.221-b11)
OS:          Windows 10 10.0 amd64

C:\OBX\extension_home
λ
```