

In case you are not able to get our Vagrant/Virtual Box installation to work on your machine, you can use the following instructions and references to setup a working VIVO and Eclipse system on your machine.

- Download and setup the components required for a VIVO installation.
 - VIVO 1.9 documentation:
<https://wiki.duraspace.org/display/VIVODOC19x/VIVO+1.9.x+Documentation>
 - System requirements:
<https://wiki.duraspace.org/display/VIVODOC19x/System+Requirements>
 - JAVA
 - Download JAVA 8 JDK:
<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
 - Set environment path variable JAVA_HOME to point to your JAVA directory. For example, "C:\ProgramFiles\Java\jdk1.8.0_131" might be the path on a windows machine.
 - Maven
 - Download Maven: <http://maven.apache.org/download.cgi>
 - Set the MAVEN_HOME environment variable to the location of your Maven download
 - MySQL (or alternate back-end such as TDB)
 - You could utilize <https://dev.mysql.com/downloads/mysql/> to download MySQL Community Server
 - Set MYSQL_BIN environment variable to the bin directory path of the downloaded MySQL
 - Tomcat
 - Download and extract Tomcat 7 or 8 from <http://tomcat.apache.org/download-80.cgi>
 - Set the CATALINA_HOME environment variable to the Tomcat directory
 - Add the following environment variables to the PATH environment variable
 - JAVA_HOME/bin (the bin directory under JAVA_HOME), MYSQL_BIN, MAVEN_HOME
 - Download the workshop repository version of the VIVO and Vitro code:
 - Git clone the repository at https://github.com/j2blake/2018_dev_Vitro/ into a folder named Vitro (in this case, case matters).
 - E.g. git clone [git@github.com:j2blake/2018_dev_Vitro](https://github.com/j2blake/2018_dev_Vitro/).git Vitro
 - In a sibling directory (i.e. it should be at the same level of the directory structure as Vitro), git clone the VIVO repository at https://github.com/j2blake/2018_dev_VIVO .
 - E.g git clone [git@github.com:j2blake/2018_dev_VIVO](https://github.com/j2blake/2018_dev_VIVO).git VIVO
 - Follow the rest of the instructions for installation at <https://wiki.duraspace.org/display/VIVODOC19x/Installing+VIVO> . This involves downloading the code from GitHub, setting up a database in MySQL (or your

preferred back-end), creating the settings.xml file under the installer directory,, and running maven installation. After these steps, you will have to setup the runtime.properties and applicationSetup.n3 files in the VIVO home directory.

- Download Eclipse at <https://www.eclipse.org/> and follow installation steps.
- Select File then import and Existing Maven project and select the VIVO directory where you cloned the VIVO code.