Common Code errors for Autosalt R scripts

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Text

Description automatically generated

It is likely you have an outdated version of Java OR the bit version of your java program is different from the bit version of you R program.

*"This error is often resolved by installing a Java version (i.e., 64-bit Java or 32-bit Java) that fits to the type of R version that you are using (i.e., 64-bit R or 32-bit R). This problem can easily effect Windows 7 users, since they might have installed a version of Java that is different than the version of R they are using."*

Steps:

(1) Check the bit version of R you are using (type sessionInfo()in R console to see the version)

(2) Download the correct bit version of java

(3) close and reopen R

Text

Description automatically generated with low confidence

This error is because XLConnect is not yet compatible with Java 15 or greater.

Steps:

1. Download Older Version of Java. (<https://www.oracle.com/java/technologies/javase/jdk15-archive-downloads.html>)

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The code cannot authorize your credentials to log into google drive. Go to your .Renviron document and make sure the email\_gdrive variable has the correct email for authorization. Restart R if you change your authorization email to insure it is reading the updated version of your credentials.

If this doesn’t fix the error, delete the email variable from the function (leaving drive\_auth()) which will cause the program to ask you what account you want to use or will bring you to a browser window to authorize R’s use with google drive. If it asks you if you want tidyverse to access your account, hit yes.

Text

Description automatically generated

This means it cannot find the file to work with. Check your working directory in the script as this is usually the issue.

Not Stopping at prompt statements

Several of the codes have prompt statements that ask the user to enter some values. When running these codes, you either need to use the **source button** in the upper right-hand corner of the script panel in Rstudio or hit **Ctrl-Shift-Enter**. This will run the code in full. If you highlight the code, then hit run it will skip over the prompt statements.