# Troubleshooting for Installing TexMix in R environment

1. Error message related to Rtools

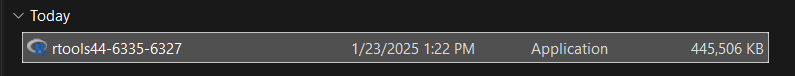
If you encounter an error message indicating the absence of Rtools, it means that Rtools needs to be installed on your system. To resolve this, download the Rtools installer from the following link: h[ttps://cran.r-project.org/bin/windows/Rtools/](https://cran.r-project.org/bin/windows/Rtools/)

A close-up of a computer code

Description automatically generated

1. Install Rtools

Download and Install Rtools on your computer.



A screenshot of a computer

Description automatically generated

1. Check if make is in your Path.

To check if make is in your system’s Path variable, open the Command Prompt (cmd) and run the following command:

*make –version*

If you receive a message indicating that 'make' is not recognized as an internal or external command, it means make is not included in your system’s Path variable. You will need to add Rtools to your system’s Path.

A screenshot of a computer

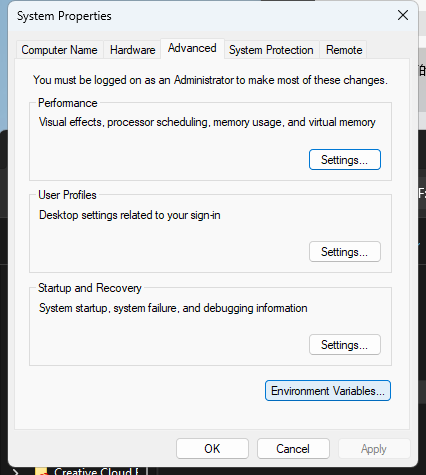
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1. Open *Edit the system environment variables – Environment Variables*, edit Path in your user variables. Click New to add ‘D\rtools\usr\bin’ to your Path variable.

Note: The path D:\Rtools\usr\bin depends on the location where you installed Rtools (e.g., it may be in your C: drive)

A screen shot of a black screen

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A screenshot of a computer

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1. After adding Rtools to your Path, run the following commands in the Command Prompt to confirm that make is now recognized by the system:

*make --version*

A screenshot of a computer program

Description automatically generated

1. Get [*maptools\_1.1-8.tar.gz*](https://cran.r-project.org/src/contrib/Archive/maptools/maptools_1.1-8.tar.gz) from this link: <https://cran.r-project.org/src/contrib/Archive/maptools/> and install it in R.

A screenshot of a computer

Description automatically generated

1. Get [*TexMix\_0.5.3.tar.gz*](https://cran.r-project.org/src/contrib/Archive/TexMix/TexMix_0.5.3.tar.gz) from this link: <https://cran.r-project.org/src/contrib/Archive/TexMix/> and install in R.

A screenshot of a computer

Description automatically generated

Thank you to my student, Annan Shrestha, for his contribution to this troubleshooting 😊