

Installing SageMath on Windows

1 Introduction

SageMath is a free and open-source computer algebra system with a vast library for mathematical computations. This guide outlines the installation process for SageMath on Windows.

2 Prerequisites

- A Windows computer with a 64-bit operating system.
- Internet access to download the installer.

3 Download SageMath Installer

Visit the following link to download the SageMath installer for Windows:

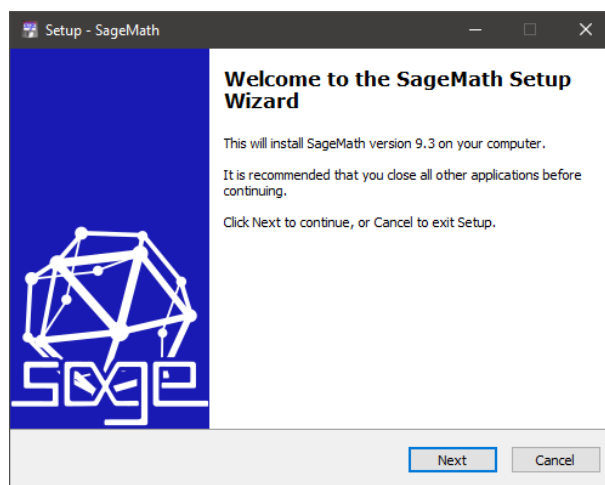
SageMath-9.3-Installer-v0.6.3.exe (MIT Mirrors)

Note: This guide uses SageMath version 9.3 as an example. You can check the official website for the latest version: <https://www.sagemath.org/>

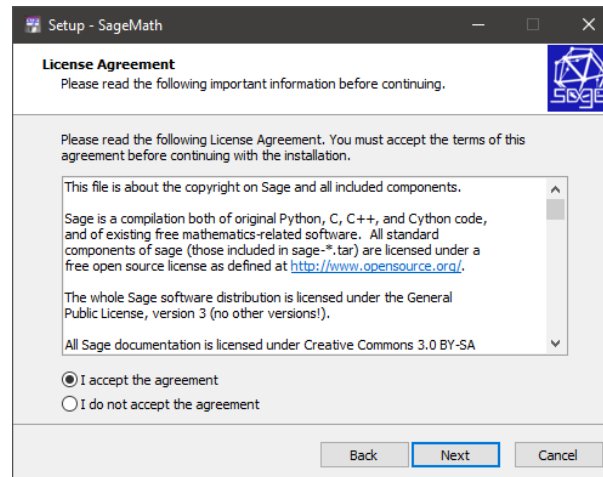
4 Installation Process

The installation process is straightforward. Follow the on-screen instructions provided by the installer. Here's a general summary of the steps:

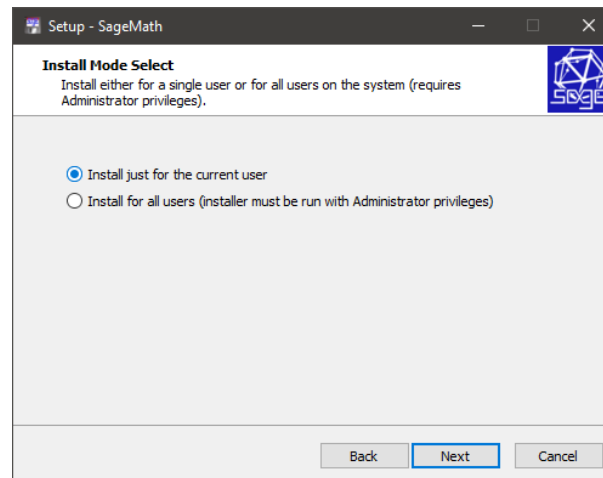
1. Double-click the downloaded installer file (if you want to install it for all users, then right-click and select **Run as administrator**).



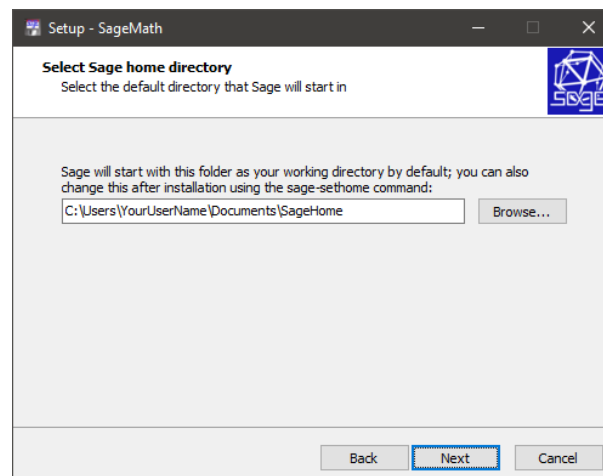
2. Read and accept the license agreement.



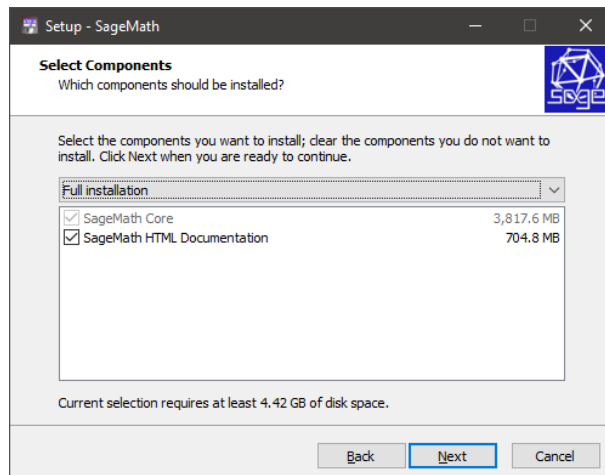
3. Select the install mode.



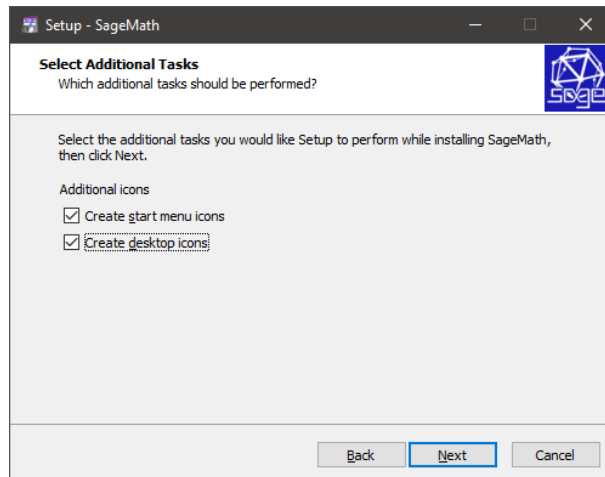
4. Set the location of the folder where all the SageMath notebooks will be saved. Ideally, this should be some dedicated folder (e.g. named **SageHome**) in an easily accessible location (such as your **Documents** folder or your research work folder).



5. Select the components you want to install (default is recommended).



6. Click on “Install” to begin the installation process.



7. Wait for the installation to complete.

5 Conclusion

You have successfully installed SageMath on your Windows system. You can now start exploring the vast capabilities of this powerful mathematical software. Refer to the official SageMath documentation for further information and tutorials: <https://doc.sagemath.org/>