



# Welcome to Sage Installation Guide



If you are reading this manual at <https://doc.sagemath.org/>, note that it was built at the time the most recent stable release of SageMath was made.

More up-to-date information and details regarding supported platforms may have become available afterwards and can be found in the section "Availability and installation help" of the [release tour for each SageMath release](#).

**Where would you like to run SageMath?** Pick one of the following sections.

## macOS

- **Do you want to do SageMath development?**

- **Yes, development:**

- Obtain the SageMath sources via `git` as described in [The Sage Developer's Guide](#).

- Then build SageMath from source as described in section [Install from Source Code](#).
    - Alternatively, follow the instructions in section [Using conda to provide all dependencies for the Sage library](#); these describe an experimental method that gets all required packages, including Python packages, from conda-forge.

- **No development:**

- Install the [binary build of SageMath](#) from the 3-manifolds project. It is a signed and notarized app, which works for macOS 10.12 and newer. It is completely self-contained and provides the standard Sage distribution together with many optional packages. Additional optional Python packages can be installed with the `%pip` magic command and will go into your `~/sage` directory.
    - Alternatively, install SageMath from the [conda-forge](#) project, as described in section [Install](#).