

# Lab | Book

## Installation Manual



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## Introduction

LabBook is a software that helps you manage the medical biology data that are essential to guarantee quality laboratory results.

Fondation Mérieux shall in no event be held liable for any direct or indirect damage, whether foreseeable or not, related to the non-operation or malfunction of the LabBook software.

It is mentioned that LabBook is not intended for blood bank management and that LabBook users must comply with the country's legislation on medical biology laboratory information technology before using it.

You have downloaded the LabBook ISO from [www.lab-book.org](http://www.lab-book.org)

Be careful, the installation will erase the entire content of your computer (data, programs and operating system)! Please make a backup of your computer before proceeding with this manual.

Also, if you are already a LabBook 2.5 or 2.9 user, be sure to make a backup on a storage device (USB key or external hard drive); you will find the procedure for migrating from LabBook 2.5 to 3.X or LabBook 2.9 to 3.X in the "Backup and Restoration" manual.

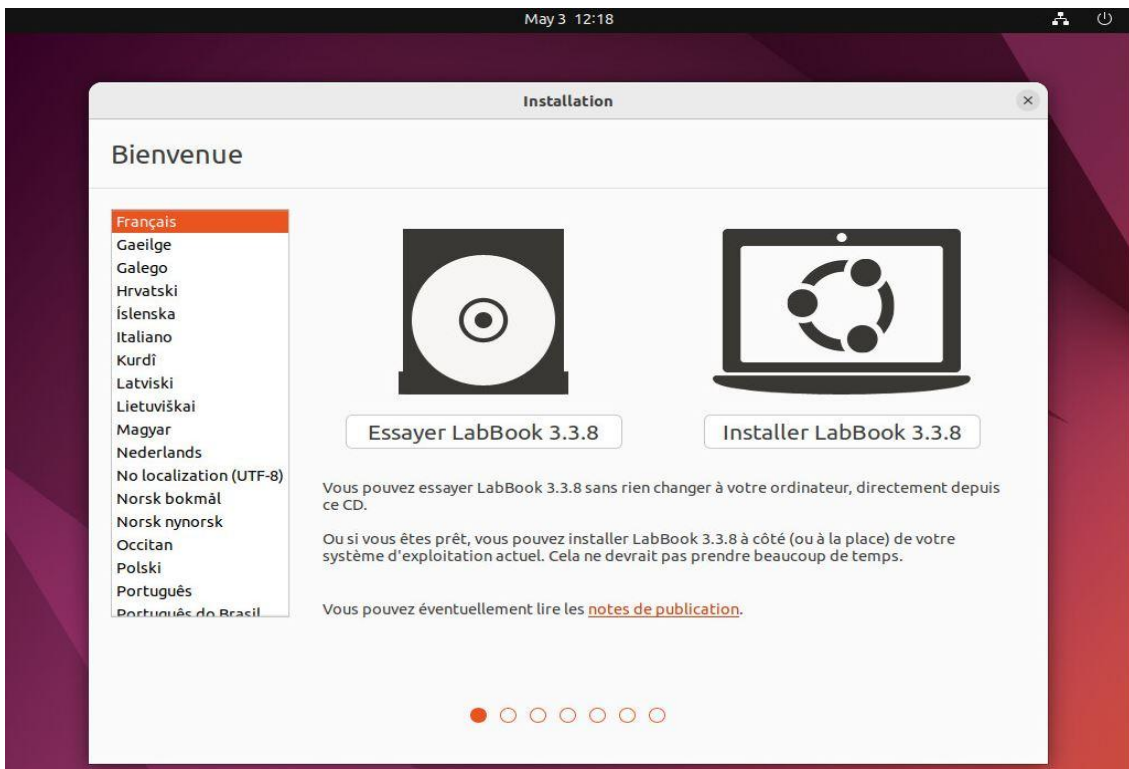
If you want to use a USB installation key, we recommend you use: Rufus or Unetbootin.



## Installation Procedure



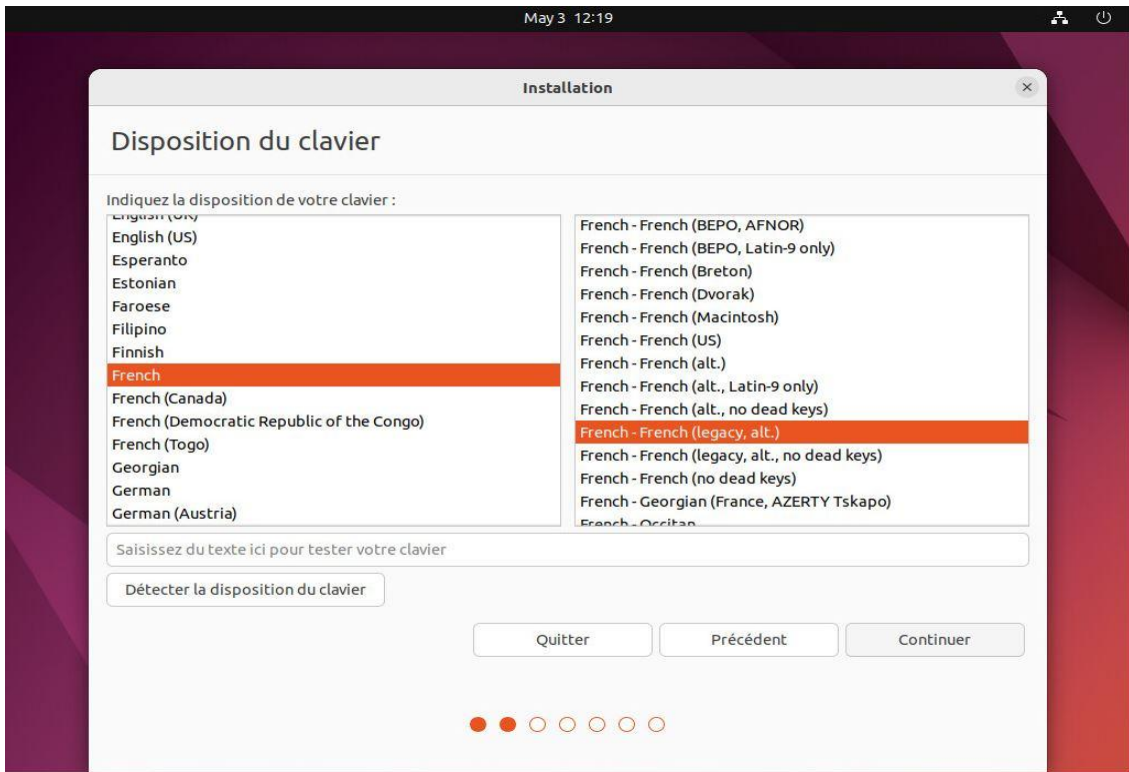
Select **“Try and Install LabBook”** or wait a few seconds. The other menus are for experts who, for example, want to repair a faulty LabBook.



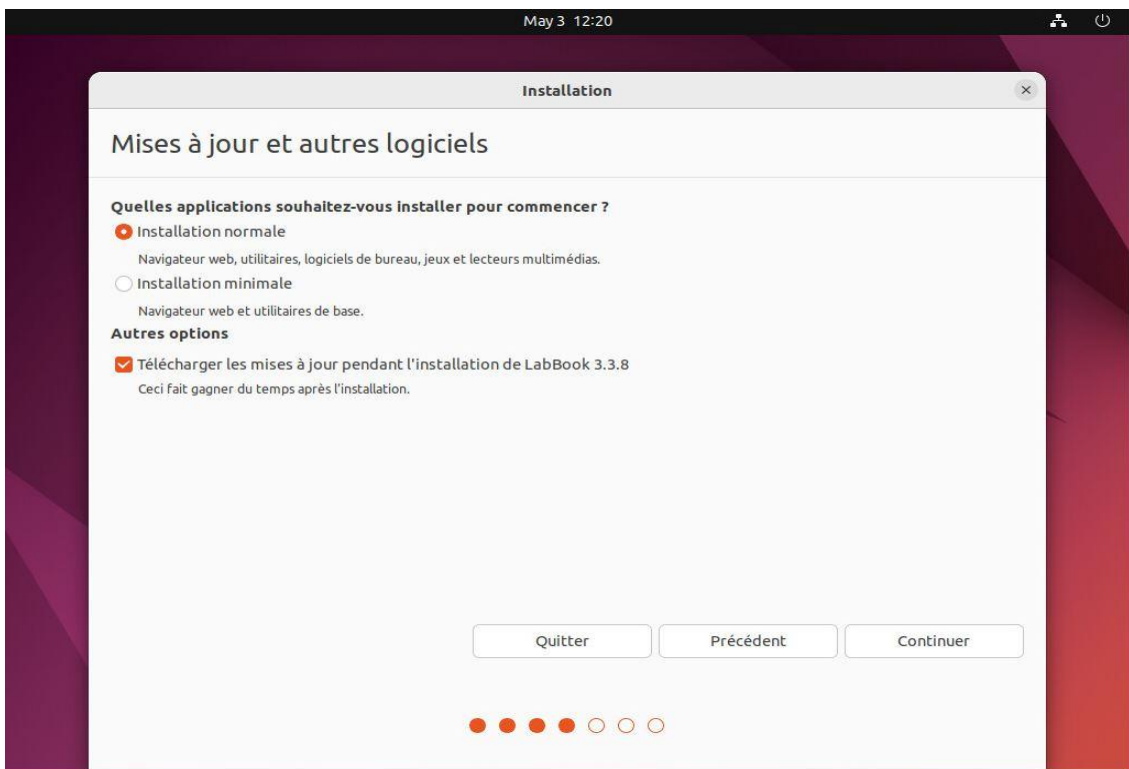
Installation Manual version 3.4

Select "***Install LabBook 3.X***".

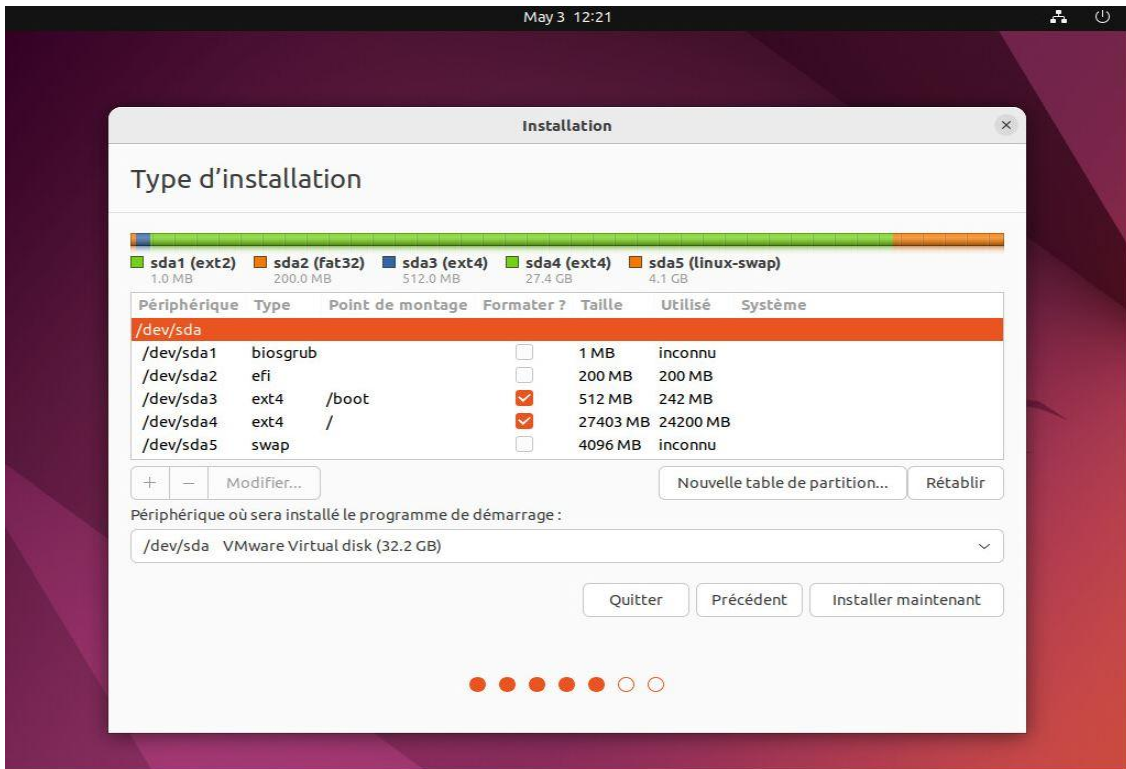




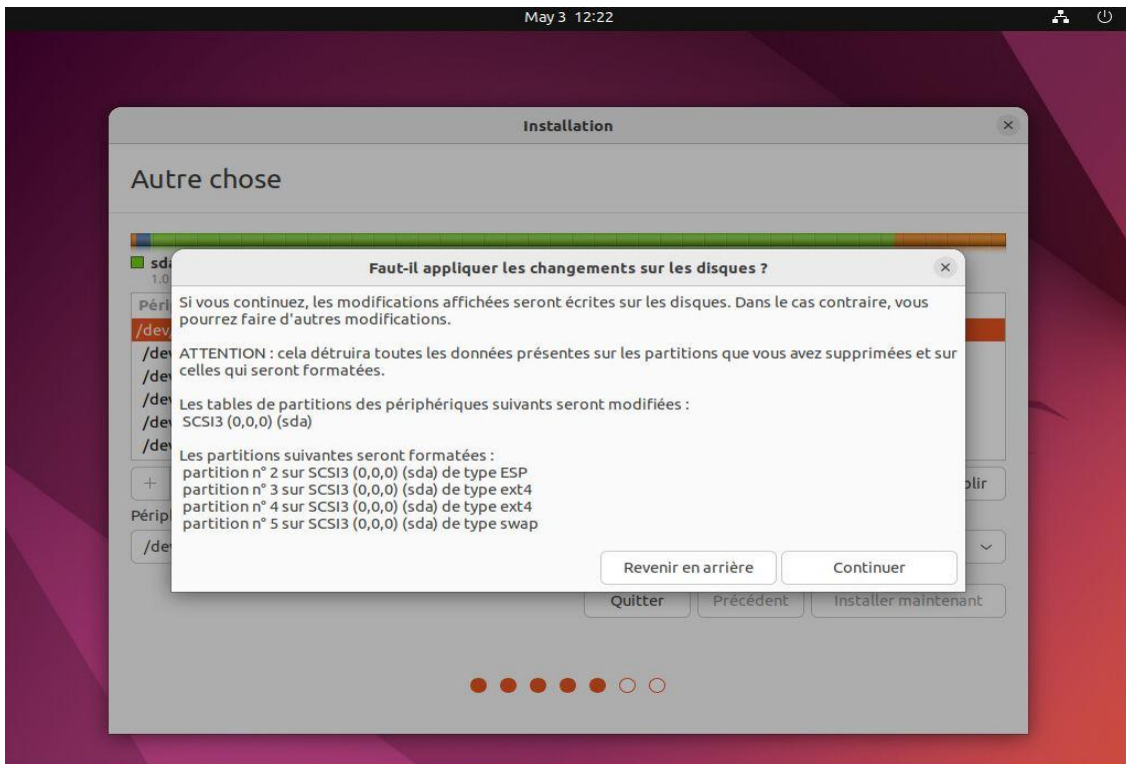
Choose your keyboard then **"Continue"**.



Select **"Continue"**.



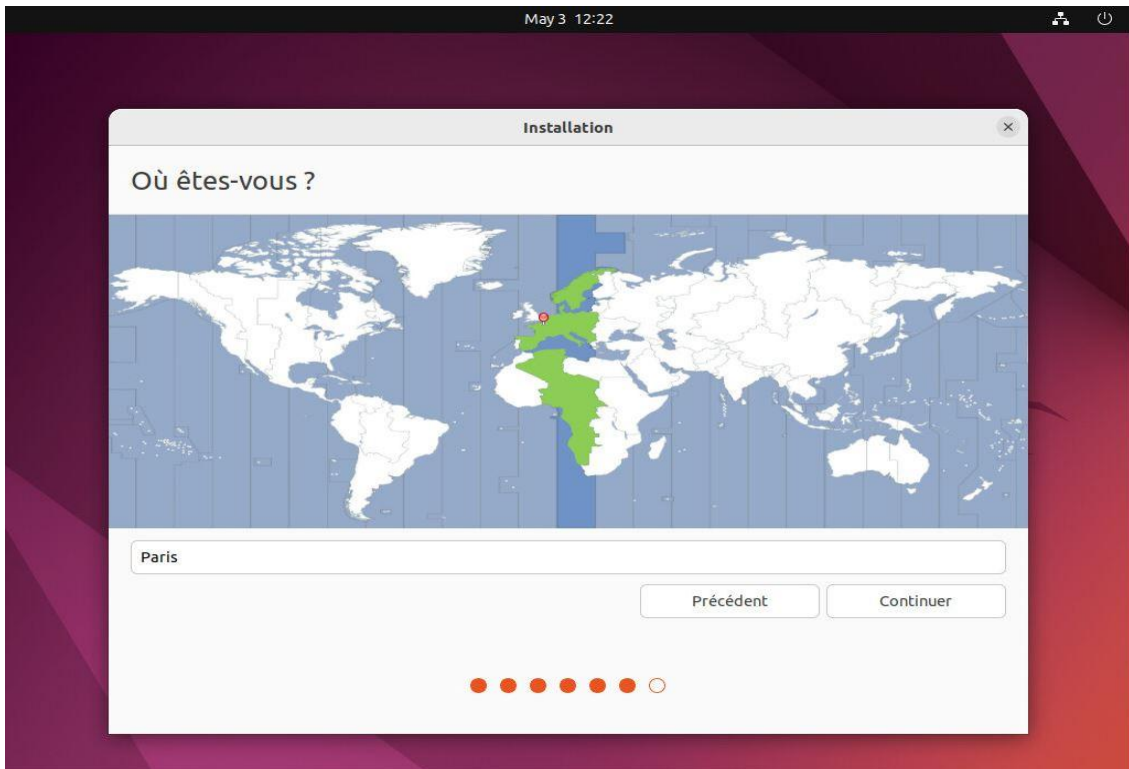
Choose "**Install now**", unless you want to change the proposed setting.



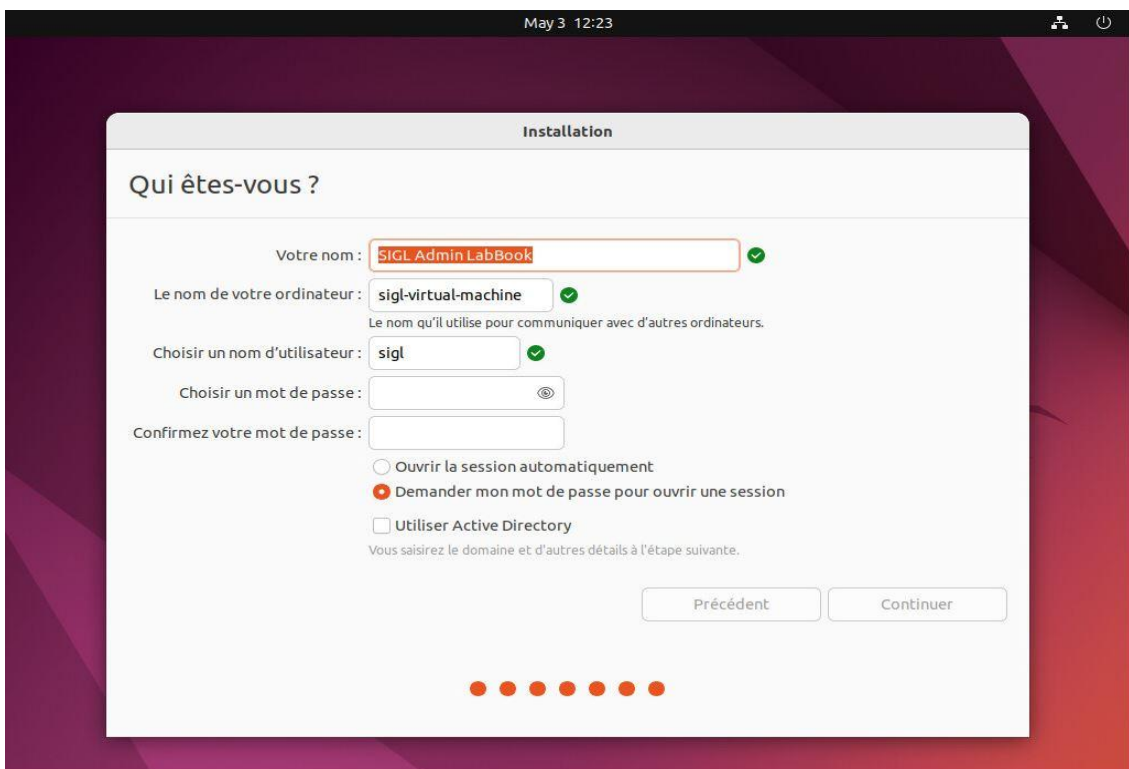
Select "**Continue**".





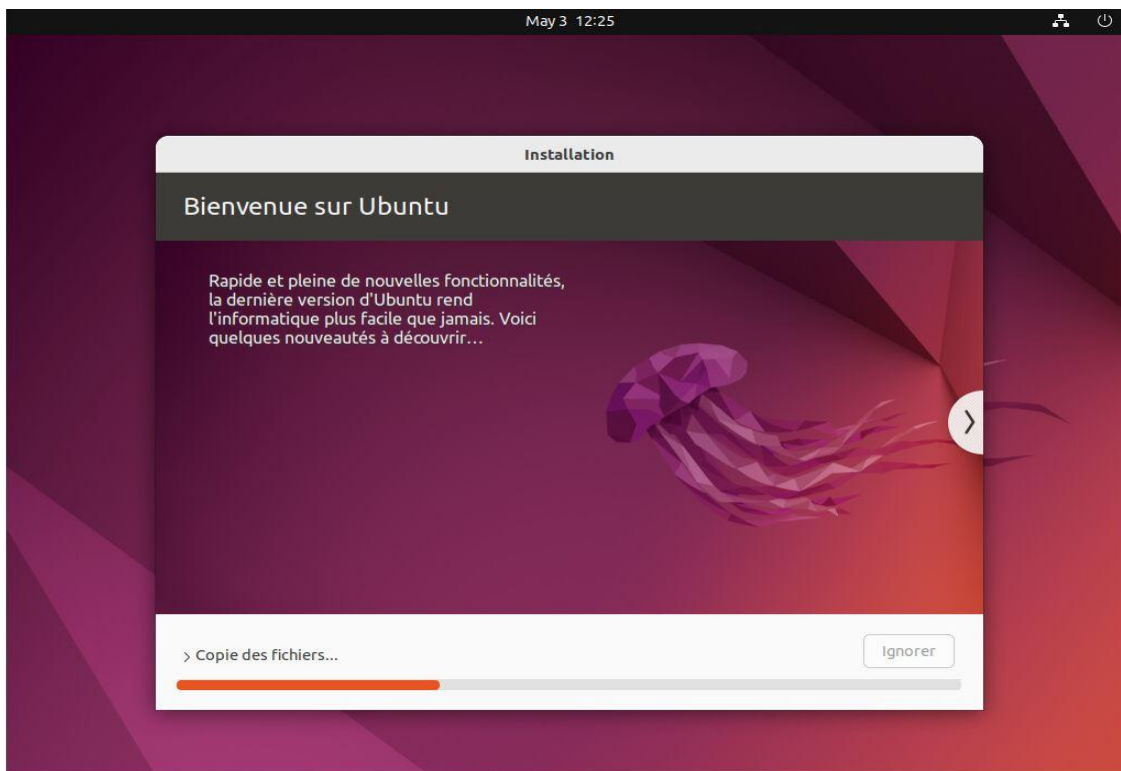


Choose your geographical position for the time setting and then "**Continue**".



Modify the information of the administrator account and your LabBook, then "**Continue**".

The system then installs itself and you have to wait for the suggestion to restart.



Select "**Restart Now**".

Remove the installation media from your computer (USB key or DVD or ...).

Press the "**Enter**" key to restart.

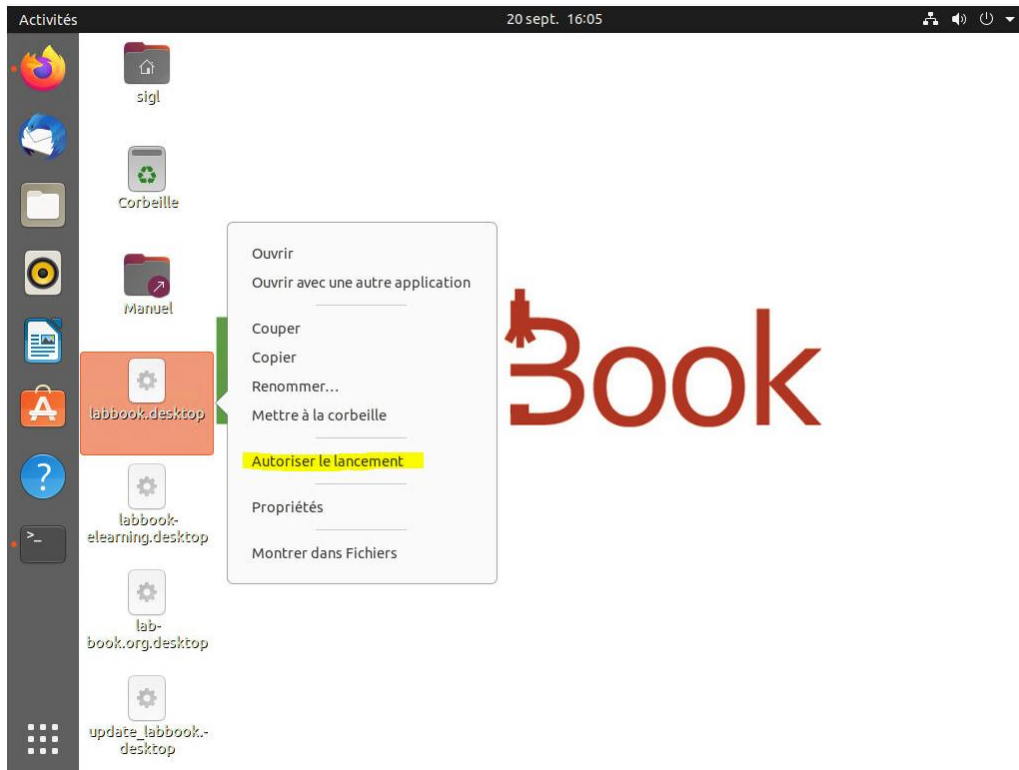
When you restart, you must enter the password for the "SIGL Admin LabBook" account.

The system will take a few minutes to finalize the installation and set up LabBook.

**Note 1:** At the first startup, the 4 launchers on the desktop are not active.

"LabBook eLearning" corresponds to the training module; "LabBook" to the LabBook software; "Update LabBook Software" triggers the update of the LabBook software from a USB key; and finally, "LabBook Website" is the public Internet site presenting LabBook.

To make these launchers active, it is necessary to perform the following operation on each of them: right click + "Allow launch". The image corresponding to the function appears and the application can be launched.

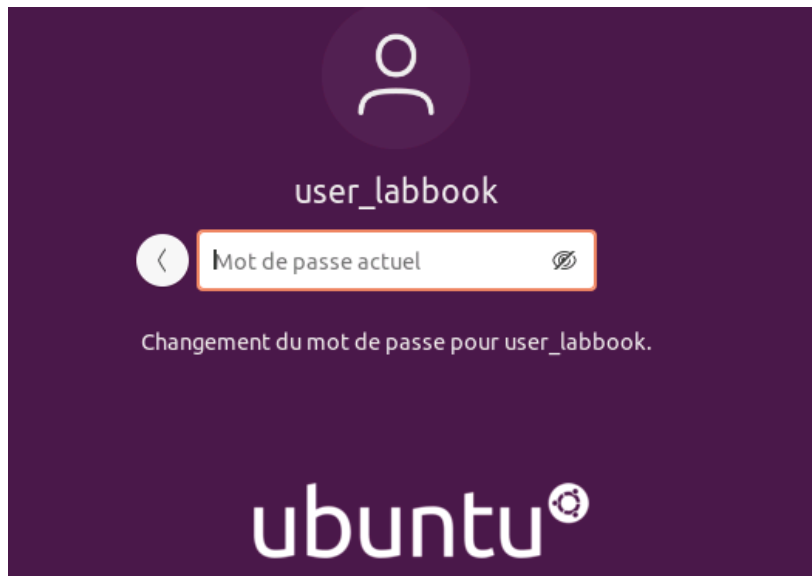


**Note 2:** LabBook takes longer to start up for the first time than for subsequent launches. Some initializations are done during this time and launching from the "LabBook" launcher systematically results in a https page that is inaccessible to the browser.

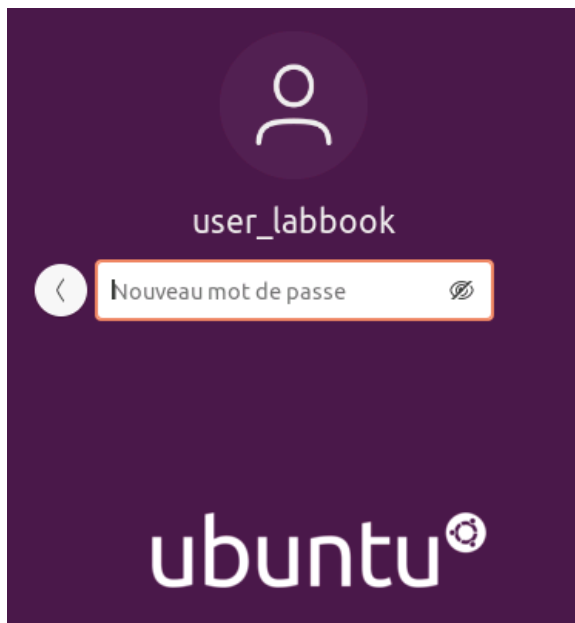
## Login to the user\_labbook account

During LabBook installation, "user\_labbook" user was created. This user is necessary to access the backup media connected to the LabBook server. You must log in as "user\_labbook" from your server's console. During the installation, a trivial password was assigned to "user\_labbook". This password must be changed upon first login.

Messages will guide you through this process, you will first need to enter the current password "user\_labbook" and repeat it.



Then enter and confirm the new password.



## LabBook software update

To update your LabBook software, you need:

- The update files












The updates are available on the LabBook website: <https://www.lab-book.org/telechargements/>. They are numbered, dated, and their sizes are also indicated.



<b>Package</b>	Means updates (iso means iso files for installation)
<b>3.4.11</b>	Indicates that this is an update for LabBook 3.4.11. NB: The version of the update is always higher than the version of the installed LabBook.
<b>Update</b>	Indicates that this is the update. Unlike Ubuntu, which indicates the LabBook image to install.
<b>704 Mo</b>	Specify the size of the update. This information helps you choose the size of the USB drive to use during the update.

- USB drive that can hold the update files.
- Copy the update files to the USB drive.

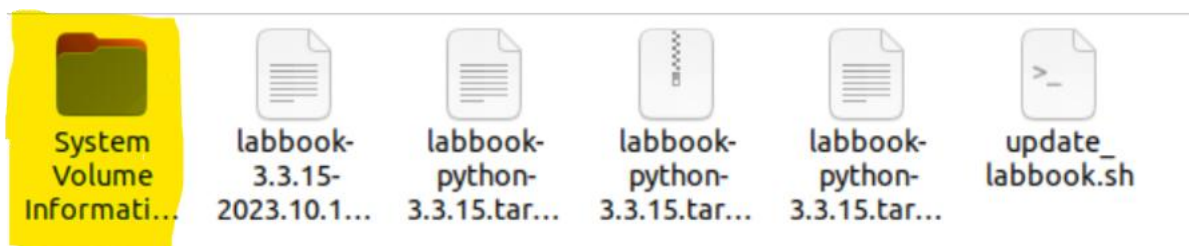
The update is downloaded in a zip format; you need to extract the files from the zipped document and copy the content directly onto the USB drive.

 labbook-3.3.15-2023.10.10-mises-a-jour	Update downloaded from the LabBook website
 labbook-python-3.3.15.tar.xz.md5sum  labbook-python-3.3.15.tar  labbook-python-3.3.15.tar.md5sum  labbook-3.3.15-2023.10.10-desktop-amd64.md5	Content after extraction
Ce PC > Lecteur USB (D:)    <input type="checkbox"/> Nom   update_labbook   labbook-python-3.3.15.tar.xz.md5sum   labbook-python-3.3.15.tar   labbook-python-3.3.15.tar.md5sum   labbook-3.3.15-2023.10.10-desktop-amd64.md5	Files contained in the USB drive  The USB drive should only contain the update files, and the files are pasted directly onto the drive.  The update_labbook files contains the update launch script, it must necessarily be present on the key.

- Log in with the SIGL Admin account
- Insert the key into one of the available USB slots on your LabBook.

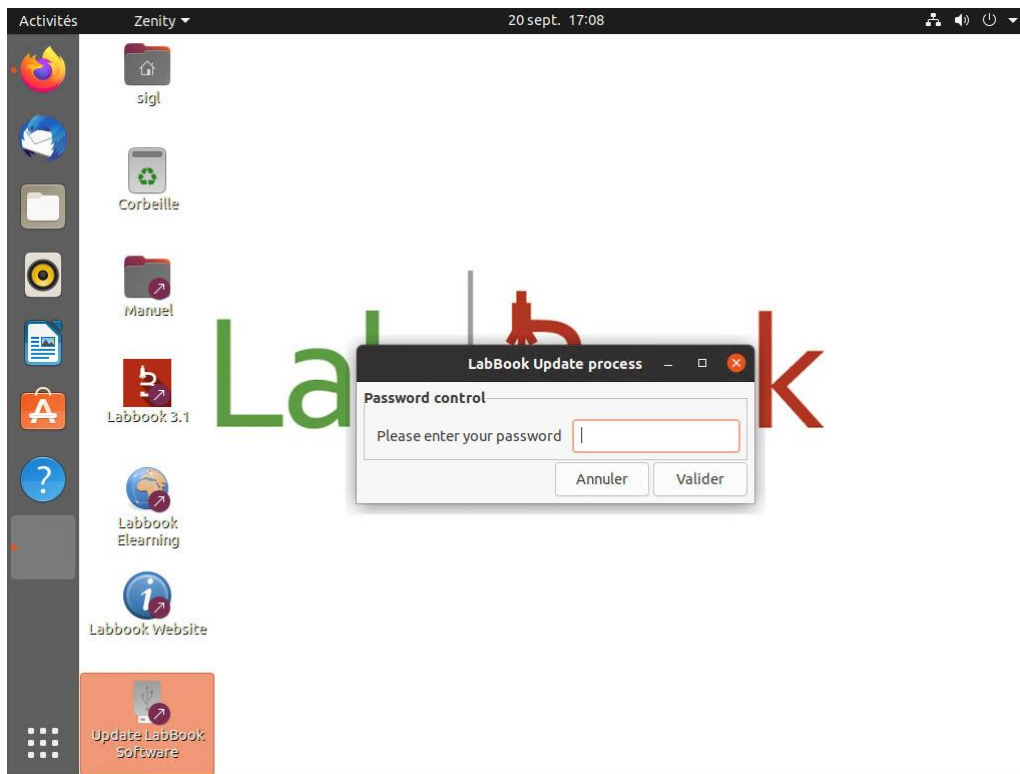
Note: There can only be one USB drive connected at a time.

Note: delete the non-required folders and files. In this example, you need to delete the folder "System Volume Information."

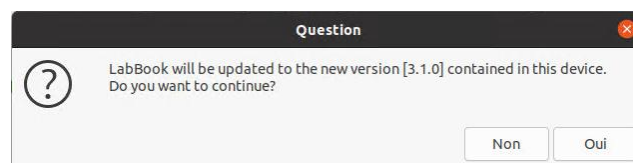


- Double-click on the **"Update LabBook Software"** icon.

The process starts and asks for the administrator password.

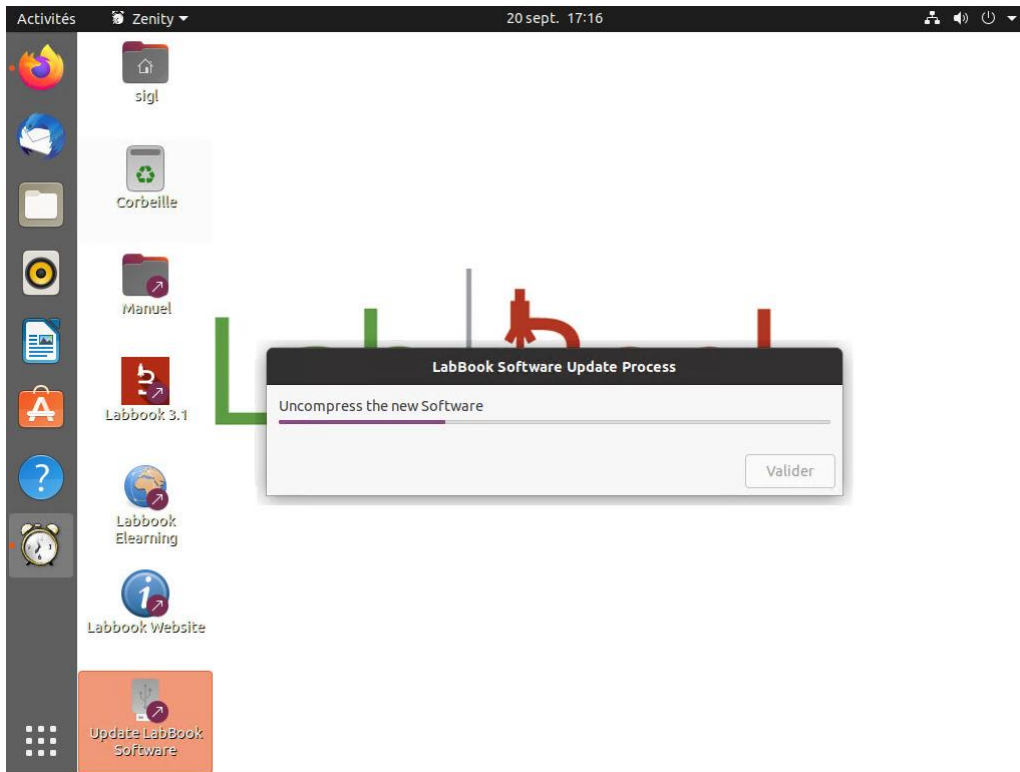


Once the CDM has been entered and checked confirmation that the procedure has been completed is requested.

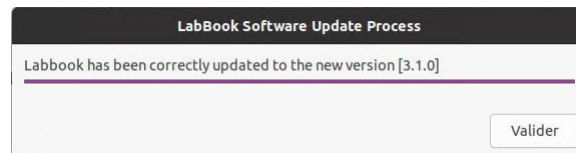


It is possible to abandon the procedure at this stage and no action is taken.

By clicking on "YES", the process continues. Consistency checks are then carried out (verification of the validity of the software, verification of the key...) and then the update is carried out. Several steps follow without the user being able to interrupt the process. Here is one of these steps:



At the end, a message indicates that LabBook has been updated and is now running with the new software version.



## LabBook User's Manual

For version 3.X, the user manuals for secretary, technician, biologist and administrator remain the same as for version 2.5.X.

Access is gained by double-clicking on the "Manual" shortcut on the desktop, then choosing the preferred language (French or English).