# Installing LaBB-CAT

LaBB-CAT is a web-browser based application, and is primarily designed to run on a central web server accessible over the internet, so that multiple collaborators can easily work on the same corpus data from different locations.

However, it is possible to have a 'private' installation of LaBB-CAT which runs directly on your personal computer. These instructions explain how to achieve that.



On Windows, before you can install LaBB-CAT, you first must have Java installed.

#### 1. Check Java

Use the following steps to check whether you already have Java installed.

- 1. Press the **Start** menu button.
- 2. Type Control Panel
- 3. Select the Control Panel option that appears.



4. Type Java

If a *Java* icon appears as shown in Figure 1, then you already have Java, and can skip section 2.



Figure 1: Java in the Control Panel

If there's no Java icon in the Control Panel, follow the steps in the next section to install it.

## 2. Install Java

- 1. Open the Java website in your browser: https://www.java.com/
- 2. Press the *Download Java* button.
- 3. Press the Download Java button on the next page and save the resulting installer file.
- 4. Click the installer to run it.

Java Setup - Welcome	_		×
Welcome to Java - Updated License Terms			
The terms under which this version of the software is licensed have change Updated License Agreement This version of the Java Runtime is licensed only for your personal (non-commercial) des use. Commercial use of this software requires a separate license from Oracle or from your s Click Install to accept the license agreement and install Java now or click Remove to unins system. No personal information is gathered as part of our install process. <u>Details on the inform</u>	d. ktop and oftware stall it fro ation we	d laptop vendor. om your e collect	
Change destination folder		Remove	

Figure 2: The Java installer

5. Press Install.



Figure 3: Java installation is complete

6. Press Close.

#### 3. Install LaBB-CAT

Once Java is installed, you can install LaBB-CAT:

- (1) Open the following page in your web browser: https://sourceforge.net/projects/labbcat/files/install/
   This page has all versions of the LaBB-CAT installer, both for personal computer installations and also for web-server installations. The the files are listed most recent first.
- (2) Download the first file named *install-labbcat\_yyyymmdd.jar* (where *yyyymmdd* are numbers).
- (3) Double-click on the file you just downloaded to open it.

You should see the LaBB-CAT installer program (Figure 4).

🛞 LaBB-CAT Installer	_		×
This will install, upgrade, or uninstall a local version of LaBB-CAT on your system.			
Please dick 'Start' to continue.			
Start Cancel			

Figure 4: LaBB-CAT Installer

(4) Press Start.

You should see a progress bar while components are installed and files are copied.

Once the installation is finished, the progress bar will be all blue, and there will be a button labelled *Finished* (Figure 15).



Figure 5: Installer finished

(5) Press Finished.

The LaBB-CAT Server application will appear, as shown in Figure 6.

Then your default web browser will open on your LaBB-CAT home page, as shown in Figure 7.



Figure 6: LaBB-CAT Server



Figure 7: LaBB-CAT is successfully installed and running

(6) If you are shown the LaBB-CAT Licence page, scroll to the bottom and press *I Agree*.

As seen in Figure 8, in your Start Menu, you will see that there is a LaBB-CAT app that can be used to start and access LaBB-CAT from now on.



Figure 8: Use Start/LaBB-CAT to open LaBB-CAT

This starts the LaBB-CAT Server app (Figure 6), which must be running when you're using LaBB-CAT. It can be closed once you've finished working with LaBB-CAT.



### Important

LaBB-CAT can only be installed on newer M-series Macs. These instructions will not work for older Intel-based Macs. Sorry!

On OS X, there are two prerequisites that must be installed before you can install LaBB-CAT:

- 1. Homebrew
- 2. Java

You may already have one or other of these installed; if so, you can skip the corresponding section below.

#### 1. Install Homebrew

Homebrew is a 'package manager' for Mac computers, which allows you to install other programes, including Java.

- 1. Open the following page in your web browser: https://github.com/Homebrew/brew/releases/latest
- 2. Scroll down to the *Assets* section.





- 3. Click the file called *Homebrew-n.n.n.pkg* (where *n.n.n* is the version number) to download the file.
- 4. Once the file has been downloaded, double-click on it to run the installer.

	🥡 Install Homebrew	8
	Welcome to the Homebrew Installer	
Introduction	This package will install to: - /opt/homebrew on Apple Silicon	
License	- /usr/local/bin/brew and /usr/local/Homebrew on Intel	
Destination Select		
Installation Type		
Installation		
Summary		
•		
She was		
m		
4		
	Go Back Continue	

5. Click *Continue, Continue, Agree* and *Install* to complete the installation.

## 2. Install Java

- I. Open *Launchpad* and type Terminal.
- 2. Double click *Terminal* to open a command shell.
- 3. Type in the following command:
- brew install openjdk
- 4. Press the return key on your keyboard to enter the command. Some text will appear in the *Terminal* window while Homebrew downloads everything it needs to install Java

Once it's finished, you'll see the % shell prompt again.

```
• • •
                            🚞 robertfromont — -zsh — 92×29
robertfromont@Roberts-M1 ~ % brew install openjdk
==> Downloading https://ghcr.io/v2/homebrew/core/openjdk/manifests/23-1
Already downloaded: /Users/robertfromont/Library/Caches/Homebrew/downloads/bdd3542a3b47d0b8b
==> Fetching openjdk
==> Downloading https://ghcr.io/v2/homebrew/core/openjdk/blobs/sha256:ababf9f922
Already downloaded: /Users/robertfromont/Library/Caches/Homebrew/downloads/ed160efe7c66c16be
e1fee18679d8bd549f8d4c488427a28f630604e5c12671b--openjdk--23.arm64_sequoia.bottle.1.tar.gz
==> Pouring openjdk--23.arm64_sequoia.bottle.1.tar.gz
==> Caveats
For the system Java wrappers to find this JDK, symlink it with
 sudo ln -sfn /opt/homebrew/opt/openjdk/libexec/openjdk.jdk /Library/Java/JavaVirtualMachin
es/openjdk.jdk
openjdk is keg-only, which means it was not symlinked into /opt/homebrew,
because macOS provides similar software and installing this software in
parallel can cause all kinds of trouble.
If you need to have openjdk first in your PATH, run:
 echo 'export PATH="/opt/homebrew/opt/openjdk/bin:$PATH"' >> ~/.zshrc
For compilers to find openjdk you may need to set:
 export CPPFLAGS="-I/opt/homebrew/opt/openjdk/include"
 => Summary
p /opt/homebrew/Cellar/openjdk/23: 602 files, 337.5MB
==> Running `brew cleanup openjdk`..
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
robertfromont@Roberts-M1 ~ %
```

Figure 9: brew install openjdk

#### 3. Install LaBB-CAT

Once Homebew and Java are installed, you can install LaBB-CAT:

- (7) Open the following page in your web browser: https://sourceforge.net/projects/labbcat/files/install/
   This page has all versions of the LaBB-CAT installer, both for personal computer installations and also for web-server installations. The the files are listed most recent first.
- (8) Download the first file named *install-labbcat\_yyyymmdd.jar* (where *yyyymmdd* are
- numbers).(9) Double-click on the file you just downloaded to open it.
- Most likely you will see a message that the files was "Not Opened" as show in Figure 10.



Figure 10: install-labbcat...jar Not Opened

- (10) Go to the Apple menu and select System Settings.
- (11) Select the section labelled *Privacy and Security*.
- (12) Scroll to the bottom and under the Security heading you will see a message saying that *install-labbcat\_yyyymmdd.jar* "was blocked to protect your Mac." as shown in Figure 11
- (13) Press *Open Anyway*.You will see another warning message as shown in Figure 12

Search	halytics & Improvements	>
Battery	(I) Apple Advertising	>
General		
C Accessibility	Security	
Appearance	Allow applications from App Sto	ore & Known Developers 🗘
Control Center		
Desktop & Dock	"install-labbcat_20240702.jar" was blocked t protect your Mac.	Open Anyway
🔀 Displays	Apple could not verify "install Jabbaat 20240702 iar	" is free of malware that may
Screen Saver	harm your Mac or compromise your privacy.	is nee of maiware that may
🕽 Siri	Custom as thusan from doubles on #UD los # ho	- h
😚 Wallpaper	System software from developer "HP Inc." has	s been updated.
3 Notifications		Allow
0) Sound	Allow accessories to connect A	sk for New Accessories 🗘
J Focus		
Screen Time	TileVault	On 🗦
Lock Screen	🖐 Lockdown Mode	Off
Privacy & Security		

Figure 11: Privacy and Security: Open Anyway



Figure 12: Open Anyway (again)

## (14) Press Open Anyway.

You may see a request for Java to access your Downloads folder like in Figure 13.

"java" would li in your Dow	ke to access files Inloads folder.
Don't Allow	Allow

Figure 13: Allow Java access to Downloads

(15) If so, press *Allow*.

You should see the LaBB-CAT installer program (Figure 14).

• • •	LaBB-CAT Installer
This will install, up	grade, or uninstall a local version of LaBB-CAT on your system.
	Please click 'Start' to continue.
	Start Cancel

Figure 14: LaBB-CAT Installer

(16) Press Start.

You should see a progress bar while components are installed and files are copied.

Once the installation is finished, the progress bar will be all blue, and there will be a button labelled *Finished* (Figure 15).

will install, upg	rade, or uninstall a local version of LaBB-CAT on your system
	Installation complete.
	Start Finished

Figure 15: Installer finished

### (17) Press *Finished*.

Your default web browser will open on your LaBB-CAT home page, as show in Figure 16.

(18) If you a shown the LaBB-CAT Licence page, scroll to the bottom and press *I Agree*.

As seen in Figure 17, in your *Applications* folder, you will see that there is a LaBB-CAT entry that can be used to access LaBB-CAT from now on.



Figure 16: LaBB-CAT is successfully installed and running



Figure 17: Use Applications/LaBB-CAT to open LaBB-CAT

## Uninstalling LaBB-CAT

In future you may want to uninstall LaBB-CAT, in which case you can use the same installer you used to install it.

If you run *install-labbcat\_yyyymmdd.jar* and LaBB-CAT is already installed, after pressing *Start* it will offer further options.

👸 LaBB-CAT Insta	Installed	×	$\times$
This will install, upgra	LaBB-CAT is already installed. What would you like to Upgrade Replace Uninstall Cancel	do?	

Figure 18: Running *install-labbcat\_yyyymmdd.jar* when LaBB-CAT is already installed

The options are:

- Upgrade Install this version of LaBB-CAT, keeping all your corpus data intact.
- **Replace** Install LaBB-CAT afresh, deleting all your existing corpus data and leaving you with an empty LaBB-CAT installation.
- Uninstall Remove LaBB-CAT from your personal computer.
- **Cancel** Close the installer without taking any action.