

Our application uses the “wxWidgets” library, which has dependencies that need to be installed. Please see the below installation instructions for the dependencies needed **based on your OS**

## Dependencies

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### LINUX:

- Install meson and ninja by running the following commands  
    `sudo apt-get install meson ninja-build`
- Install GTK3 (GTK 3 is an old release, unknown if wxWidgets is compatible with GTK4)  
    `sudo apt-get install libgtk-3-dev`

### MAC OS X:

- Smile, you don't have anything to do. Way to go Steve Jobs

### WINDOWS:

Smile, you don't have anything to do. Way to go Bill Gates

## Clone the repository: Below are common instructions for cloning our repository

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- Once cloned, clone the Unoptimized repository  
    `git clone https://ramennoodle.me.cmu.edu/Bonobo.Git.Server/Unoptimized.git`
- Navigate into wxWidgets subdirectory
- Run the following command (this will take some time)  
    `git submodule update --init`
- Run the same command to update the submodules again  
    `git submodule update --init`

## Build the application: Below are common instructions for building the application

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- Create build directory  
    `mkdir Unoptimized_build`
- Navigate to build folder  
    `cd Unoptimized_build`
- Generate project make files  
    `cmake .`
- Build application (this will take some time)  
    `cmake --build . --config Release --target main`
- Start the application  
    `src/main`