

# UltraCanvas Demo

## macOS Installation Instructions (x86)

This is the first version with macOS support.

Subscribe our newsletter for updates or check our website every week for new updates.

**Important:** This compiled version is for x86 processors. ARM version will follow.

## Required Libraries

You need to have the following libraries installed:

```
brew install cairo  
brew install pango  
brew install libvips  
brew install tinyxml2
```

## Quick Install (All at Once)

```
brew install cairo pango libvips tinyxml2
```

## What These Libraries Do

<b>Library</b>	<b>Purpose</b>
cairo	Vector graphics library for rendering 2D graphics
pango	Text layout and rendering for internationalized text
libvips	Fast image processing library with low memory usage
tinyxml2	Lightweight C++ XML parser for reading/writing XML files

## Verify Installation

After installation, verify the libraries are installed correctly:

```
brew list | grep -E "cairo|pango|libvips|tinysql2"

# Or check individual versions:
pkg-config --modversion cairo
pkg-config --modversion pango
pkg-config --modversion vips
pkg-config --modversion tinysql2
```

*Next version will follow in 7 days.*