TECHNICAL INSTALLATION MANUAL

Blix - AI Photo Editor

The Spanish Inquisition

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Contents

Introduction

Blix is a native cross-platform desktop application designed to provide users with a powerful and intuitive photo editing experience.

General Installation

Download the packaged app from our GitHub release page by using the following link.
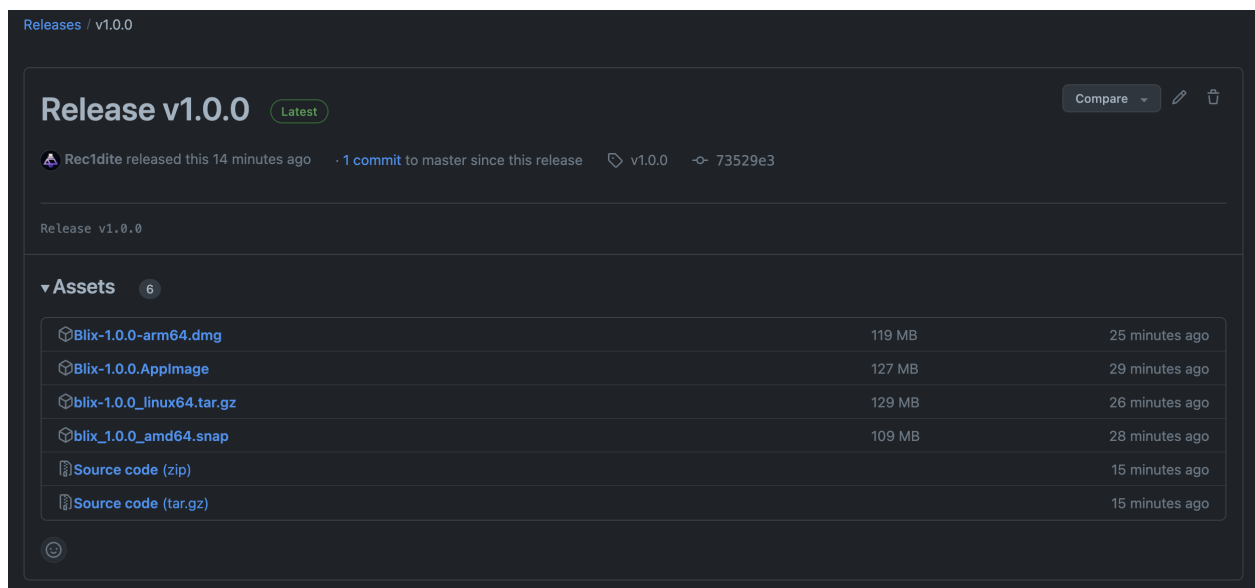
Linux

- **Install Prerequisites**:

  Open your Linux terminal and install `libvips` a requirement for image processing.

  ```
  sudo apt-get install libvips
  ```

  Then install the required python libraries to interact with the AI. Install `langchain` and `openai`. Python3 or higher is required.

  ```
  sudo apt install python3-pip
  pip3 install langchain
  pip3 install openai
  ```

- **Download the app from GitHub releases for Linux**:

  Download the `Blix-1.0.0.AppImage` file which includes Blix as a packed app.

  Open your Linux terminal again change directories to the same directory as where the app was downloaded. Then set the permissions of the app so that it can be executed as follows

---

```
chmod +x Blix -1.0.0. AppImage
```

While in the same directory, launch the app as follows:

```
./Blix -1.0.0. AppImage
```

MacOS (Apple Silicon)

- **Install Prerequisites**:

Open your terminal and install `libvips` a requirement for image processing. `Homebrew` is required to install it, if you don't have it installed on your machine then install it as follows first:

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/
install/HEAD/install.sh)"
```

You may be prompted to enter your user password. The installation process will begin. Homebrew will download and install the necessary files. After it is installed run the following command to install `libvips`:

```
brew install vips
```

Then install the required python libraries to interact with the AI. Install `langchain` and `openai`. Python3 or higher is required.

```
brew install python
pip3 install langchain
pip3 install openai
```

- **Download the app from GitHub releases for MacOS**:

Download the `Blix.1.0.0-arm64.dmg` file which includes Blix as a packed app.

Go to the folder where the app was downloaded and then run the installation by double clicking the app.
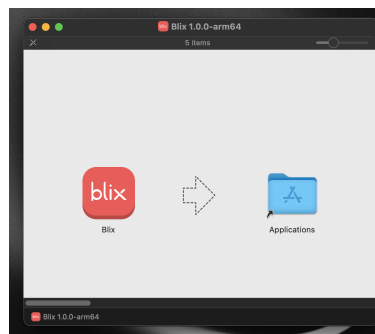
Windows

- **Install Prerequisites**:

  You will need to install **libvips** for the image processing and compilation of the app. To install libvips on Windows, you can follow these steps:

  - Download libvips: Go to the libvips releases page on GitHub: https://github.com/libvips/libvips/releases Scroll down to the "Assets" section of the latest release. Download the Windows installer package with a filename like vips-dev-w64-web-xxx.exe, where xxx represents the version number.

  - Add libvips to the System Path: After installation, you need to add the libvips binary directory to your system's PATH environment variable to make it accessible from the command line. Right-click on "This PC" (or "My Computer") and select "Properties." Click on "Advanced system settings" on the left sidebar. In the "System Properties" window, click on the "Environment Variables" button. Under the "System variables" section, find and select the "Path" variable, then click on "Edit." Click "New" and add the path to the libvips binary directory (usually something like `C:\Program Files\vips\bin`).

  - Test the Installation (Optional): Open a new Command Prompt or PowerShell window. Type vips –version and press Enter. This should display the libvips version information if the installation was successful.

  ```
    /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/
  install/HEAD/install.sh)"
  ```

- **Download the app from GitHub releases for Windows**:

  Download the `Blix Setup 1.0.0.exe` file which is the installer for windows.

  Go to the folder where the app was downloaded and then run the installer by double clicking the app.

  The installer will automatically install blix on your device. You can now simply click on the blix icon on your desktop to launch the app.
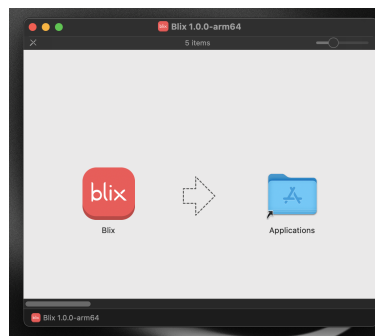
General Usage

After installing and launching the app check the app you should see the following home page as seen below. For detailed instructions for how to use the app see our user manual.