



Barcode Label Printing Program

Project Scope and Purpose

- Resolve workflow bottlenecks from centralized label printing
- Decentralize access to label retrieval and printing
- Provide local redundancy during server or network issues

Key Features

- Barcode-based label retrieval using standardized filenames
- Simple GUI for scanning or entering barcode and selecting quantity
- Customizable paths for label library, and printer



Project Goals

- Streamline label printing across multiple team members
- Reduce interruptions and improve label turnaround time
- Ensure resilience against network / server outages
- Scalable for venues of all size

Current Status and Future Vision

Current Version (v 0.1.0)

- Windows-based local program with GUI
- Prints from local barcode-named PDF library
- Packaged as installer with dependencies and setup configuration

Long-Term Vision

- Remote server database integration
- Customizable label library management
- Direct integration into Linux-based kiosks

The background of the image is a top-down view of various citrus fruit slices. There are several large, thick slices of orange and grapefruit, showing their internal segments and white pith. Interspersed among these are many smaller, thin slices of lime and lemon, which are bright green and yellow respectively. The slices are arranged in a somewhat random pattern on a light-colored surface.

THANK YOU!