



Beta Tester Setup Guide: Regal Reactive Pro

Welcome to the Beta test! This guide will help you set up the application on your computer. You do not need to know how to code; just follow these steps in order.

1. Install Python

Python is the "engine" that runs this program.

1. **Download:** Go to python.org/downloads.
 2. **Run Installer:** Open the downloaded file.
 3. **⚠️ CRITICAL STEP:** On the first screen of the installer, check the box that says "Add Python to PATH".
 4. **Install:** Click **Install Now**.
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2. Download the Project from GitHub

1. Visit the [GitHub repository](#).
 2. Click the green "<> Code" button.
 3. Select **"Download ZIP"**.
 4. **Extract:** Open your "Downloads" folder, right-click the ZIP file, and select **Extract All**. Move this folder to your Desktop for easy access.
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3. Open the "Terminal" (Command Line)

To talk to Python, you need to use your computer's terminal.

- **Windows:** Press the Windows Key, type "**cmd**", and press Enter.
- **Mac:** Press Cmd + Space, type "**Terminal**", and press Enter.

Navigate to your folder: Type the following and press Enter (assuming the folder is on your Desktop):

```
cd Desktop/regal-pro-main
```

4. Install Required Libraries

The app needs a few "tools" to calculate distances and talk to the Regal website. In your Terminal, copy and paste this command and press Enter:

```
pip install -r requirements.txt
```

Wait for the text to stop scrolling. This usually takes about 30–60 seconds.

5. Run the Application

Now you are ready to launch! In the same Terminal window, type:

```
streamlit run regal_pro.py
```

What happens next?

1. Your web browser should automatically open to a new tab at `http://localhost:8501`.
 2. The **Regal Reactive Pro** interface will appear.
 3. **To stop the app:** Go back to the Terminal and press `Ctrl + C` on your keyboard.
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What to Look For (Testing Checklist)

Please try the following actions and report any issues:

- ☐ **Search:** Can you find your local theater by Zip Code? Does it load for different dates?
 - ☐ **Filters:** Do the "Recliners" or "Closed Caption" filters work?
 - ☐ **Sort and Grouping:** Do the "Sort by Showtime" or "Group by Auditorium" work?
 - ☐ **Scheduler:** Try selecting 3 movies. Does "Option 1" include your first choice?
 - ☐ **Scheduler Options:** Try changing values for various options and observe results?
 - ☐ **Timezones:** Is the "App thinks it is..." time in the sidebar accurate to your current time?
 - ☐ **Upcoming:** Scroll to the bottom of the Explorer. Are the "Other Upcoming Titles" sorted by date?
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Troubleshooting

- **"Command not found":** This usually means Python wasn't added to your "PATH" (Step 1). Try reinstalling Python and ensure that box is checked.
- **403 Error:** If you see "Access Denied" while running locally, ensure you aren't using a VPN, or try forcing a manual refresh using the button on the sidebar.
- **ModuleNotFoundError:** Run the command in **Step 4** again to ensure all tools were installed.
- **Report Bugs:** Use [Github issues page](#) for reporting bugs.