Ignitron Preset Tools ■

Standalone Python tools for working with **Ignitron guitar pedal presets**.

This branch currently provides the **Live Capture Tool**:

a serial-based dumper that captures all presets directly from your pedal, saves them as JSON files, and builds a UUID index.

■ Features

- Connects to an Ignitron pedal over serial (USB).

- Dumps each preset as a **JSON file**.

- Generates a `PresetListUUIDs_TIMESTAMP.txt` file with:

FileName.json UUID-IN-UPPERCASE

- Two pull modes:

1. **Only active presets** in the pedal's `PresetList.txt`

2. **All presets** on the pedal

- Guitar-themed splash screen ■

- Optional **fast mode** (`--fast`) skips splash delays.

■ Output Example

After a capture, you'll get a folder like:

```
presets_20250915_230901/
■■■ PresetListUUIDs_20250915_230901.txt
■■■ SweetChildOfMine.json
■■■ SlashAFD.json
■■■ NovemberRainSolo.json
■■■ ComfortablyNumbSolo.json
```

`PresetListUUIDs_20250915_230901.txt` contains lines like:

```

SweetChildOfMine.json C6CC85D6-A6F5-4302-AFF6-0060D996A3B1

SlashAFD.json E476C555-23B8-437F-B870-727E3B3F4E6B

NovemberRainSolo.json 26D19176-2730-458E-8D8B-2566B6D10E52
```

■ Installation

Clone the repo:
```

git clone https://github.com/mpkottawa/ignitron-preset-tools

cd ignitron-preset-tools
```

Install dependencies:
```

pip install -r requirements.txt
```

■■ Usage

Run normally:
```

python live_capture.py
```

Run in fast mode (skip splash delays):
```

python live_capture.py --fast
```

■ Steps

1. Start the tool.

2. Choose pull mode:

- `1` = only active presets from pedal's `PresetList.txt`

- `2` = all presets

3. Choose COM port (e.g., `COM3` on Windows, `/dev/ttyUSB0` on Linux).

4. **Hold PRESET 1 on the pedal** before continuing.

5. Press Enter → tool captures and saves presets.

■ Requirements

- Python **3.8+**
- `pyserial` (`pip install pyserial`)

■ License

MIT License. See LICENSE for details.

■ Credits

Built for Ignitron pedal users who don't just play presets — they **collect them**.