

Fast Python Bulk Loader

Load files from a source folder to a Box folder. Build to support python versions prior to 3.8.x. Tested with python 3.7.9. Will run on Windows, Linux and MacOS on Intel. Will *not* run on Apple Silicon.

Prerequisites

- Python 3.7.9
- Properly scoped Box JWT App Config file. App Service Account (or user when `--as-user` is used) must have and least Uploader permissions on target folders.

Installation Instructions

To be run in installation folder.

On Windows using Powershell. For Windows CMD use `.\venv\Scripts\activate.bat` or source `./venv/Scripts/active` on Linux.

```
> python -m venv .venv
> .\venv\Scripts\activate.ps1
> pip install -U pip setuptools wheel
> pip install -r requirements-37.txt
```

Usage

```
usage: fast-load.py [-h] [--jwt-config JWT_CONFIG] [--as-user AS_USER]
                  [--workers WORKERS] [--retries RETRIES]
                  [--backoff BACKOFF] [--chunk CHUNK]
                  local_folder box_folder_id
```

Upload a folder to Box using legacy boxsdk[jwt] with concurrency and retries

positional arguments:

local_folder
box_folder_id

optional arguments:

<code>-h, --help</code>	show this help message and exit
<code>--jwt-config JWT_CONFIG</code>	Path to Box app JWT JSON (or set JWT_CONFIG_BASE_64)
<code>--as-user AS_USER</code>	Act-as user ID (optional)
<code>--workers WORKERS</code>	
<code>--retries RETRIES</code>	
<code>--backoff BACKOFF</code>	
<code>--chunk CHUNK</code>	Chunk size for large files