

Just in time open files.

This package provides a way to delay opening files until the something is written to the file handle. This can be convenient when opening a large number of files of which most of them will not be frequently used. To deal with resource limits a queue is used from which, when full, the least frequent file is closed.

Installation

The software is distributed via PyPI, it can be installed with `pip`:

```
pip install jit_open
```

From source

The source is hosted on GitHub, to install the latest development version, use the following commands.

```
git clone https://git.lumc.nl/j.f.j.laros/jit-open
cd jit_open
pip install .
```

Usage

In the following example, only the file `used.txt` is created.

```
>>> from jit_open import Handle, Queue
>>>
>>> queue = Queue()
>>> used = Handle("used.txt", queue)
>>> unused = Handle("unused.txt", queue)
>>>
>>> used.write("line 1\n")
>>> used.write("line 2\n")
```

Library

The library provides the `Handle` and `Queue` classes.