Post Frontier ← **Seeds**

new post

Post Frontier → Fetcher Thread

Fetcher Thread ↔ **Post Map**

Fetcher Thread ↔ **Rate Limiter** (clock)

Creates worker every rate limit
Workers requests data and passes to JSON

Worker Thread → **JSON frontier**

Sends to JSON frontier

JSON frontier → **Saver Thread**

Saver Thread → **JSON**

Saves account

Saver Thread ↔ **File Counter**

Save posts + details to JSON file
until max then go to new JSON file

Shared Counter for file Selection

$$file = \text{"reddit\_"} + str(counter) + \text{".json"}$$

If file + post_info <= Max Size :

    file.write (post_Info)

else:

    Counter ++

$$file = \text{"reddit\_"} + str(counter) + \text{".json"}$$

    file.write (Post_info)

Save posts + details to JSON file
until max then go to new JSON file