

# Fetcher Thread

Global Queue Post frontier  
Global Queue JSON frontier  
Timer Politeness Policy  
dict Postmap

Crawler Swe thread

While frontier:

If postlink from frontier in postmap:

Continue

else:

Wait / check timer

Worker thread (Post Link)

Postmap.add(Post Link)

fetch running = false

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# Worker Thread

Process request into JSON

Add into JSON frontier

Add links into Post Frontier  
etc

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## Server Thread

Counter = 0

file = "reddit\_" + str(counter) + ".json"

While fetch running:

Pop JSON frontier

If file + post\_info <= Max Size:

file.write(post\_info)

else:

Counter++

file = "reddit\_" + str(counter) + ".json"

file.write (Post\_info)

die

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