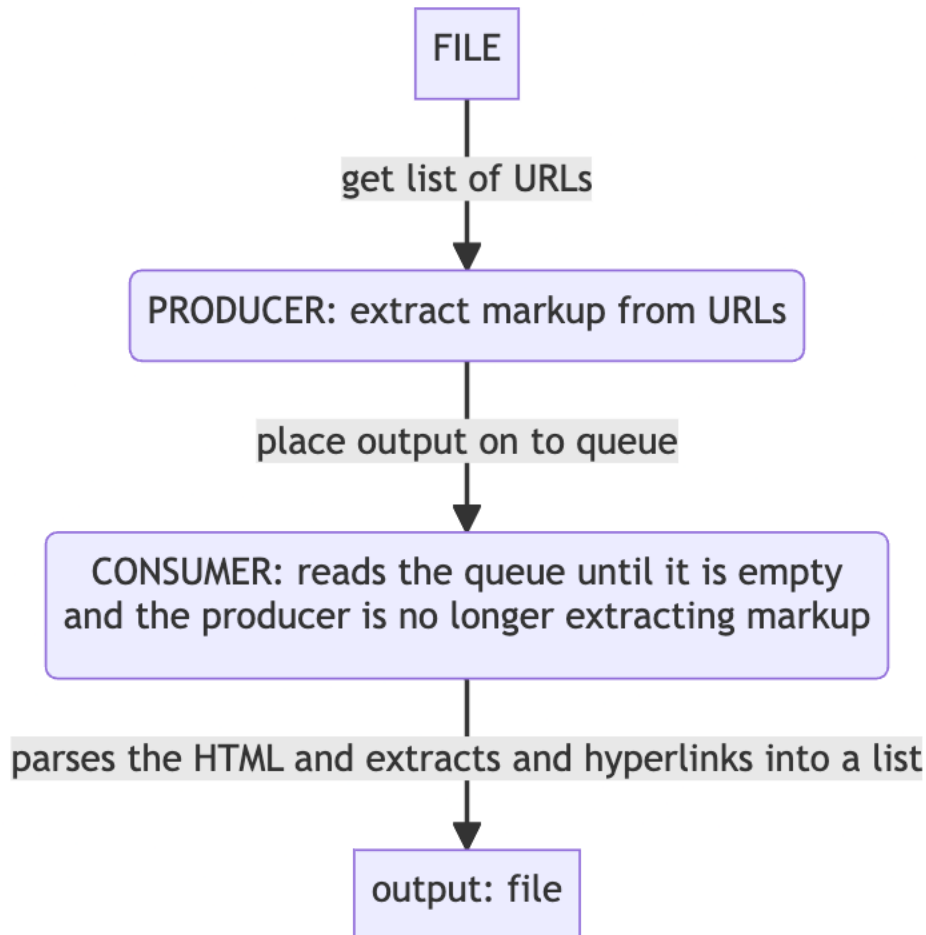


PRODUCTION

Realised that the producer consumer is a design pattern for multithreaded applications.

Created a rough use case diagram.



Started by writing a simple unit test for the `fetch_url` function.

Realised that i would have to implement mocking.

Ditched writing the tests and jumped straight to coding.

Implemented the function without threading.

Wanted to add threading so had to read threading docs to figure out how to use it

Wrote the unit tests after getting the code to work.

Realised I was already close to three hours done. Decided to leave the one failing test and move on to deployment for submission.