

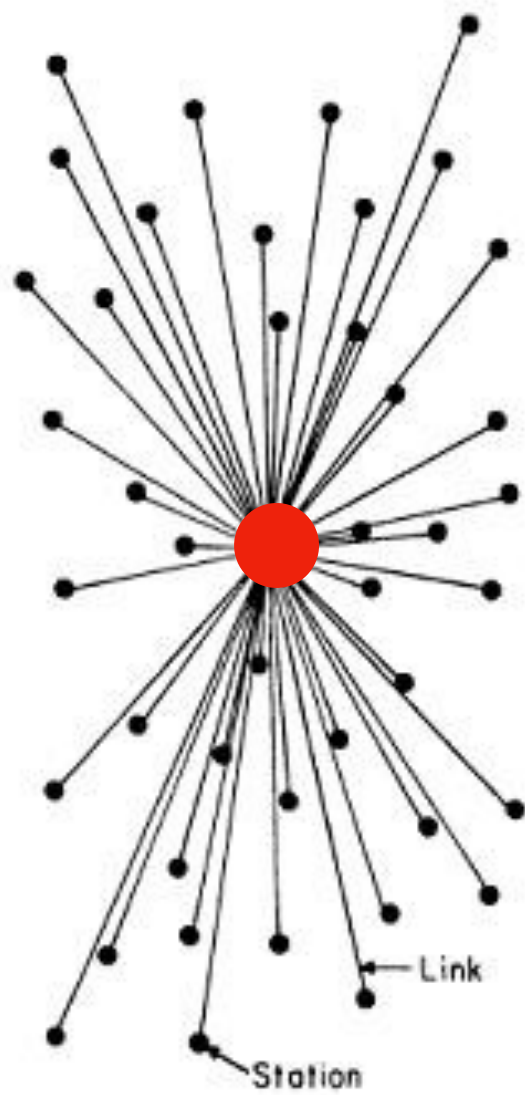
Squishy Amoeba-like Objects

Darius Kazemi

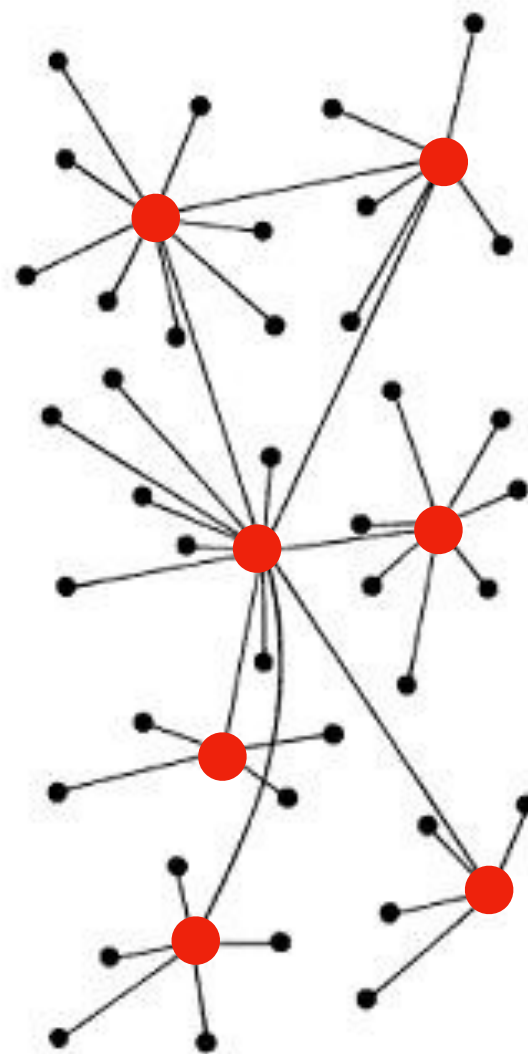
Mozilla Fellow

tinysubversions.com

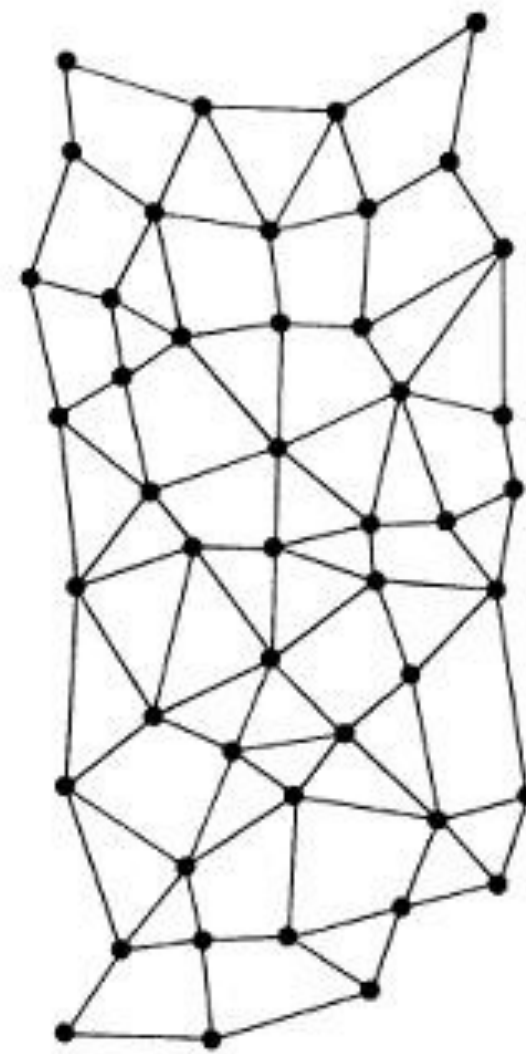
[friend.camp/@darius](mailto:friend.camp@darius)



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(A)

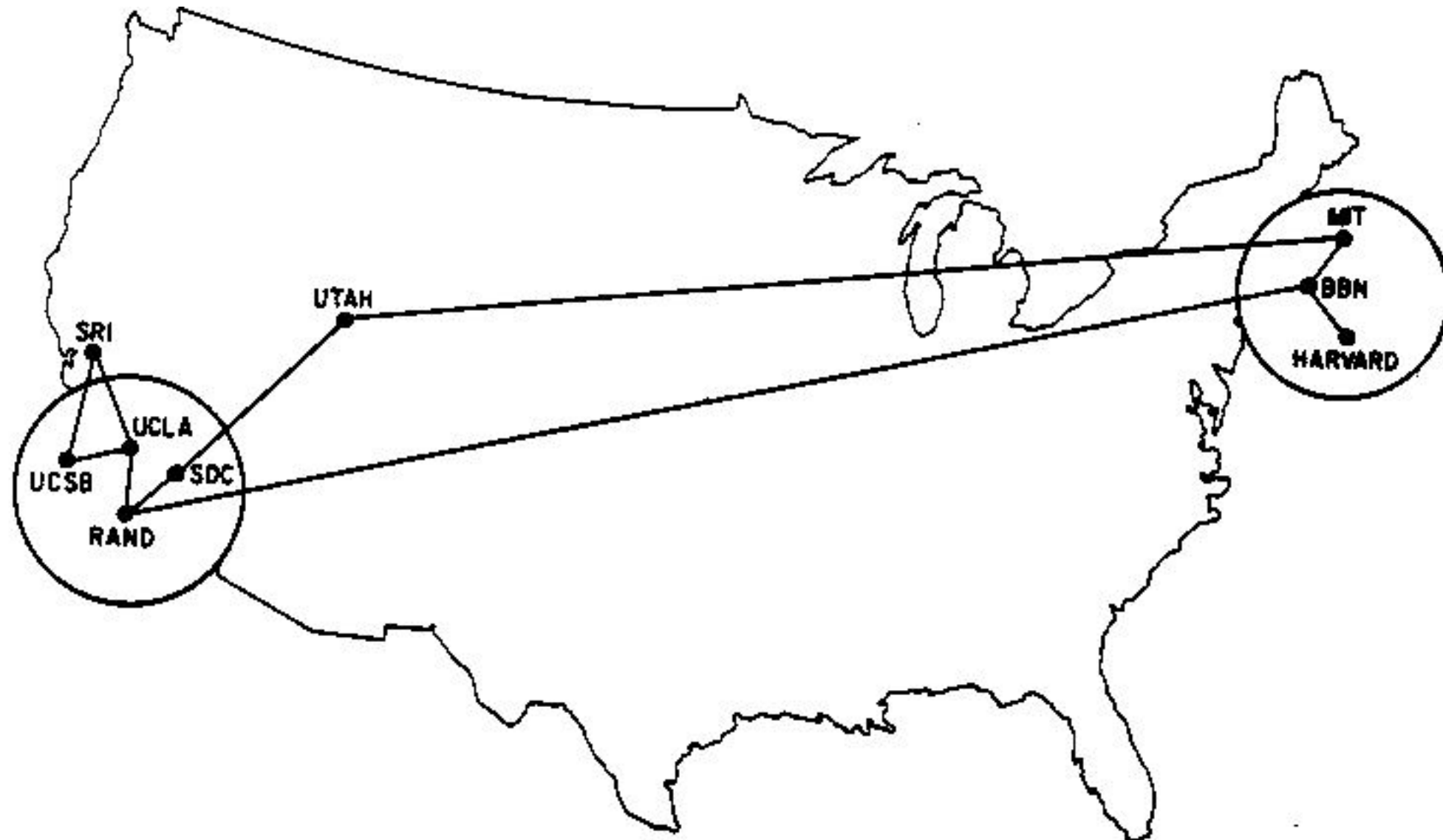


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(B)



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ARPANET June 1970





Network Working Group
Request for Comments: 55

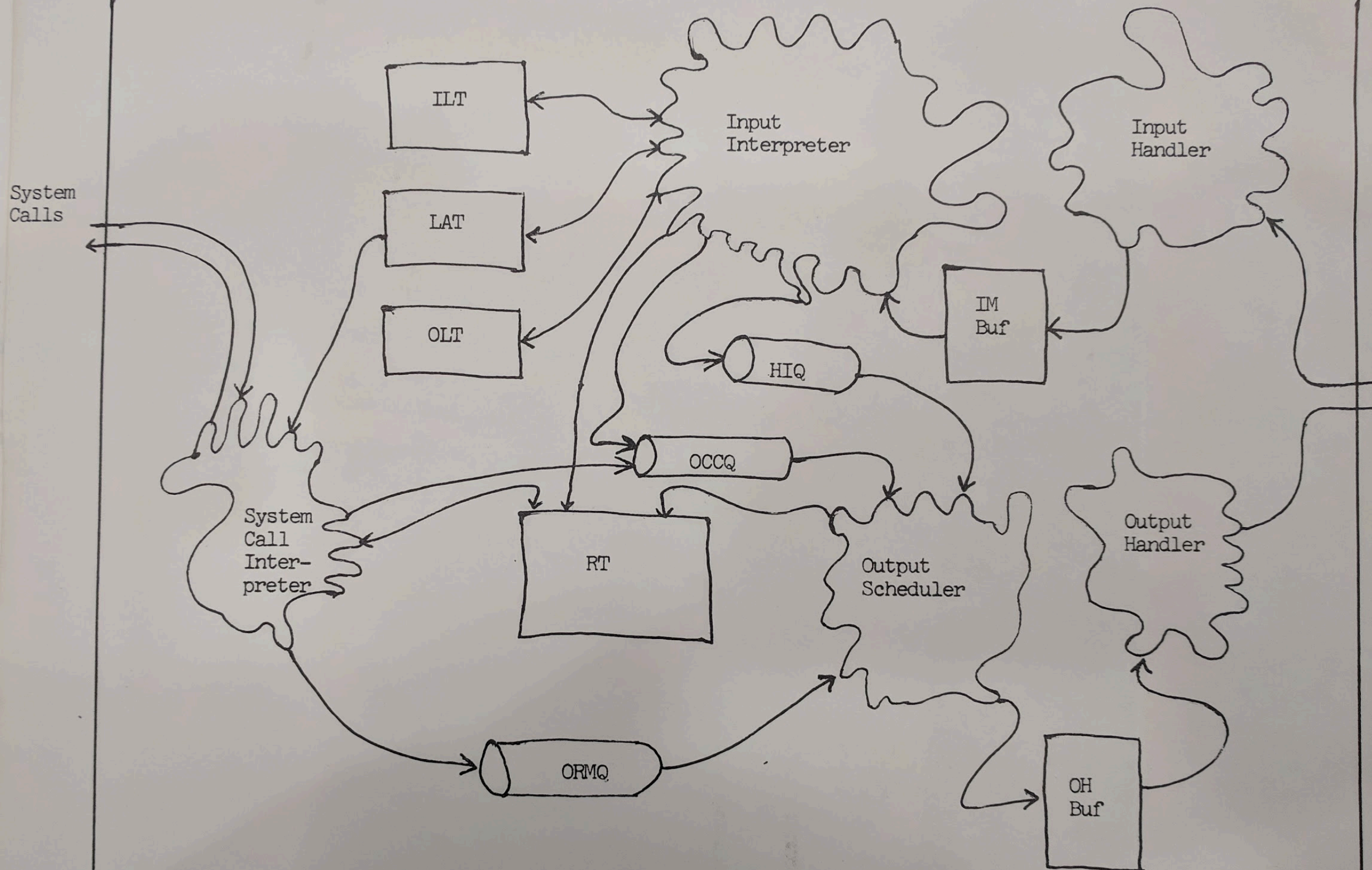
J. Newkirk
M. Krale
Harvard
J. Postel
S. Crocker
UCLA
19 June 1970

A Prototypical Implementation of the NCP

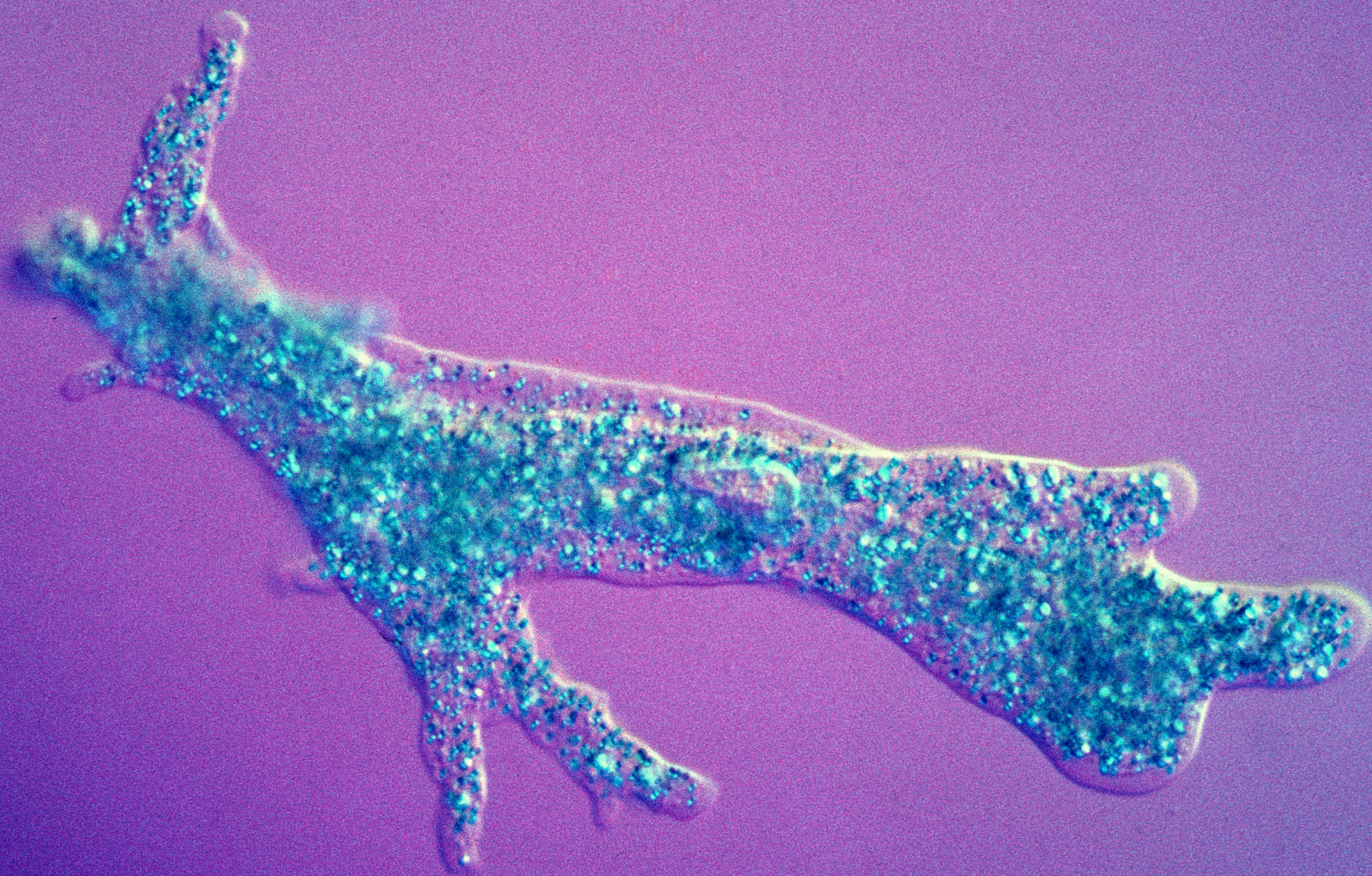
While involved in attempting to specify the formal protocol, we also attempted to formulate a prototypical NCP in an Algol-like language. After some weeks of concentrated effort, the project was abandoned as we realized that the code was becoming unreadable. We still, however, felt the need to demonstrate our conception of how an NCP might be implemented; we felt that this would help suggest solutions for problems that might arise in trying to mold the formal specifications into an existing system. This document is that attempt to specify in a prose format what an NCP could look like.

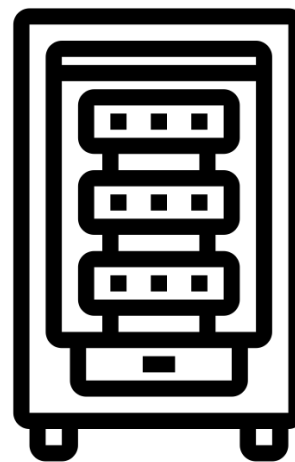
There are obvious limitations on a project of this nature. We do not, and cannot, know all of the quirks of the various systems that must write an NCP. We are forced to make some assumptions about the environment, system calls, and the like. We have tried to be as general as possible, but no doubt many sites will have completely different ways of conceptualizing the NCP. There is great difficulty involved in conveying our concepts and the mechanisms that deal with these concepts to people who have wholly different ways of looking at things. We have, however, benefited greatly by trying to actually code this program for our fictitious machine. Many unforeseen problems surfaced during the coding, and we hope that by issuing this document we can help to alleviate similar problems which may arise in individual cases.

There is, of course, absolutely no requirement to implement anything which is contained in this document. The only rigid rules which an NCP must conform to are stated in NWG/RFC#54. This description is intended only as an example, not as a model.



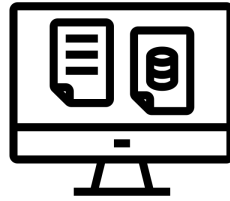
The Network Control Program





a server

person



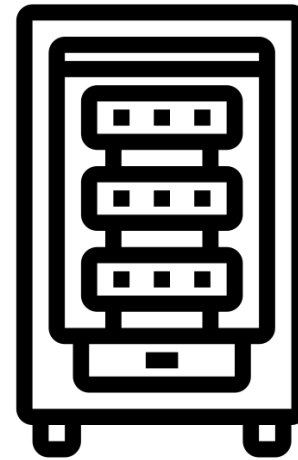
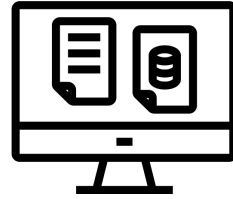
person



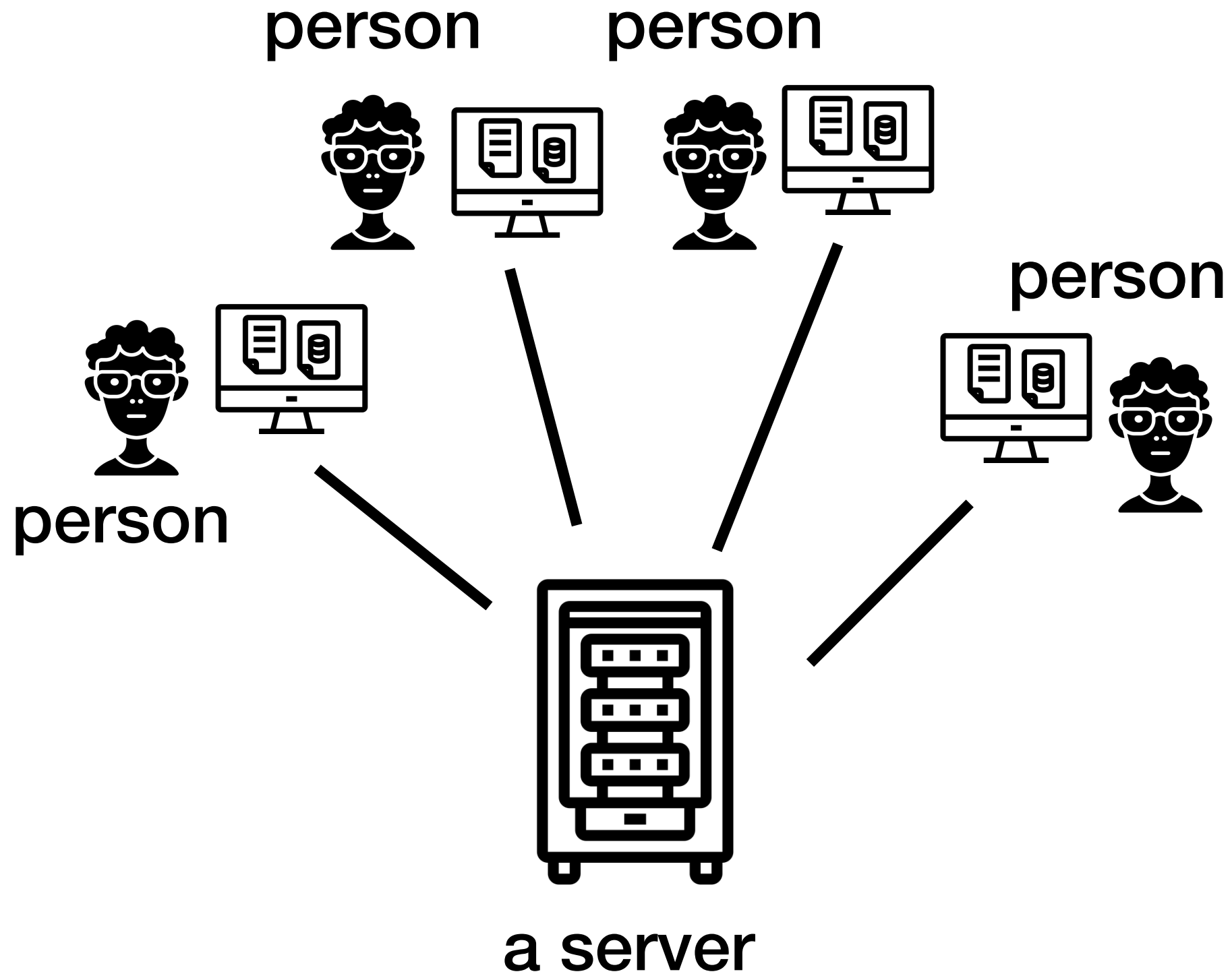
person

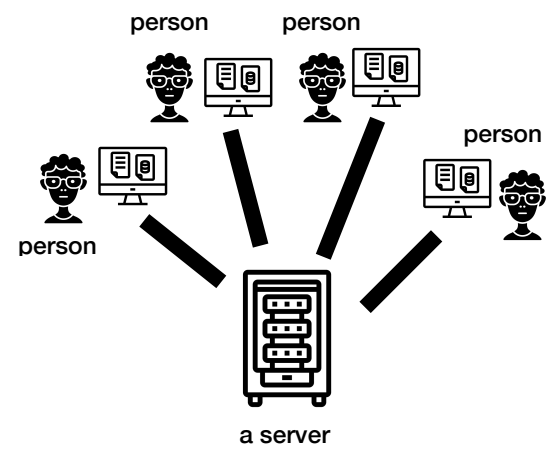


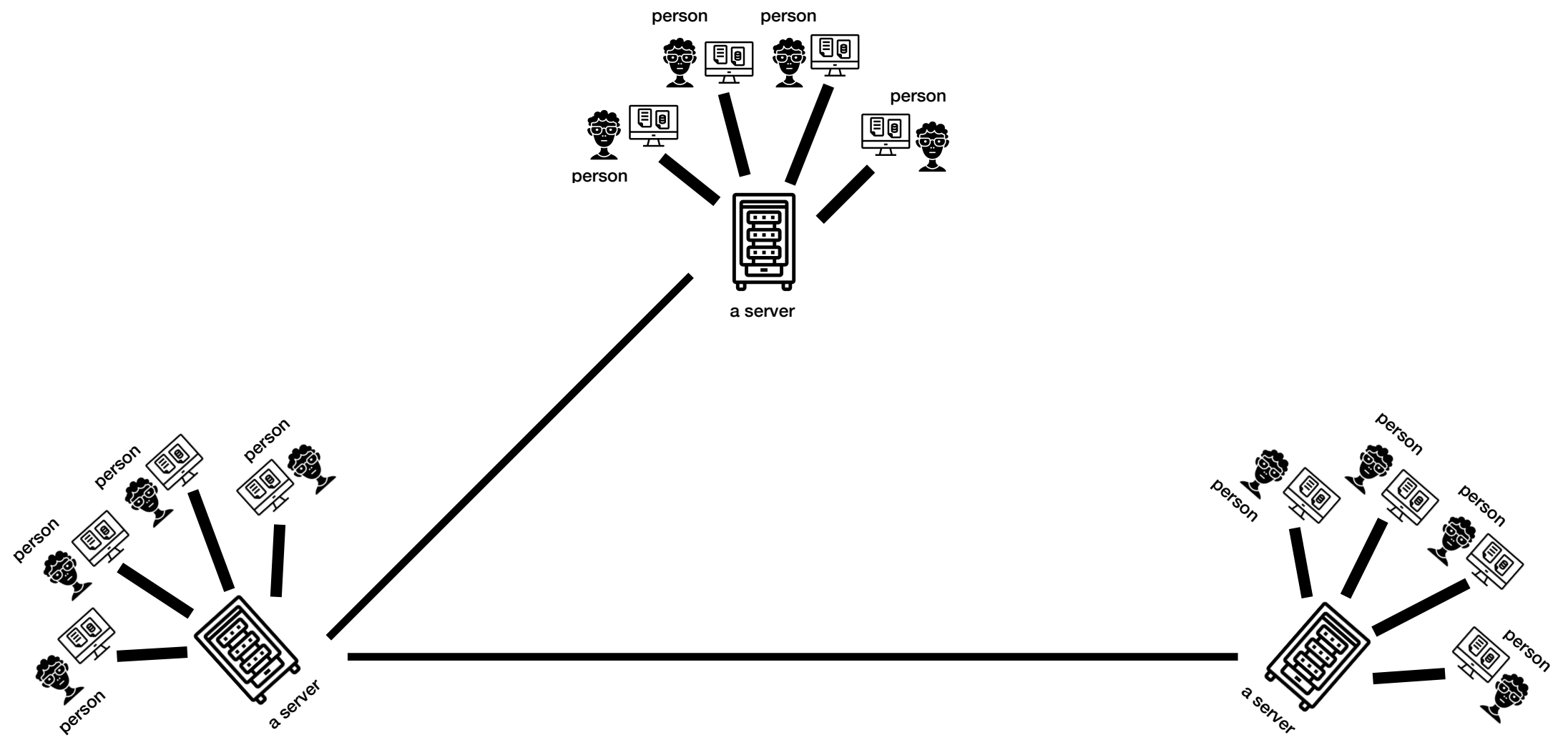
person

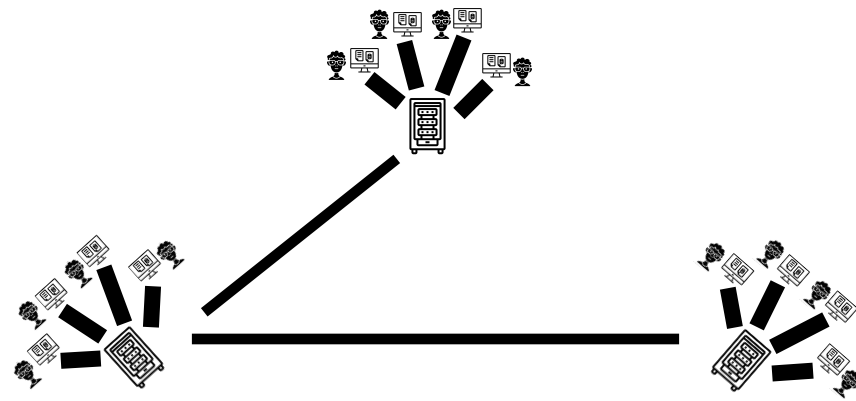


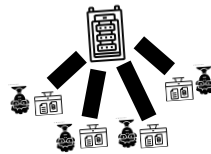
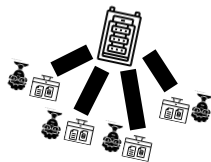
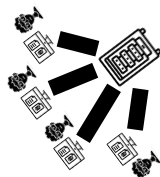
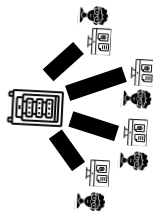
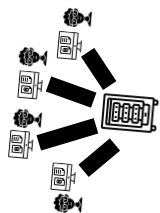
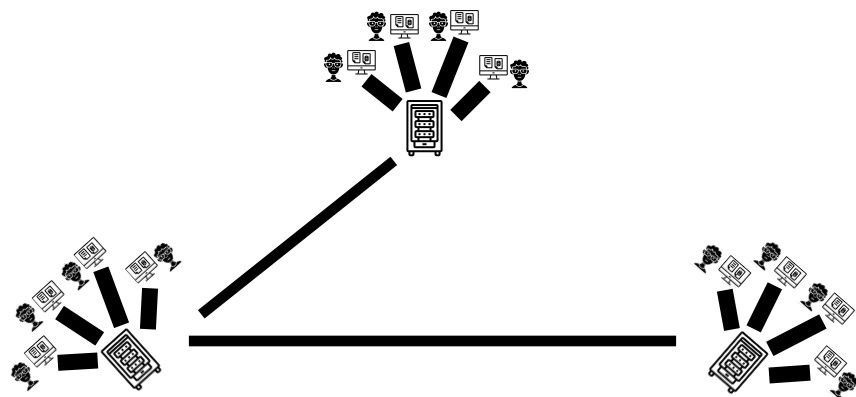
a server

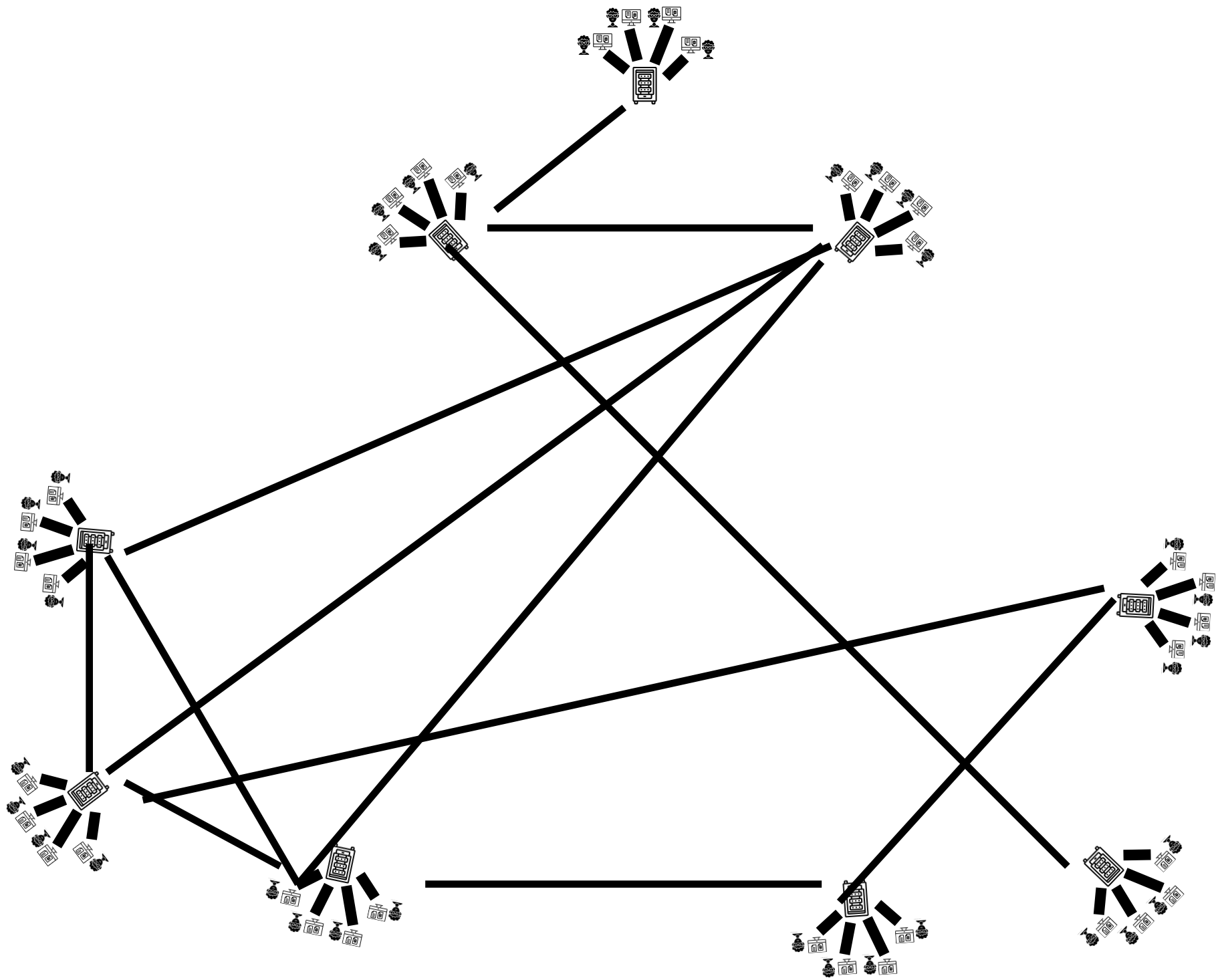




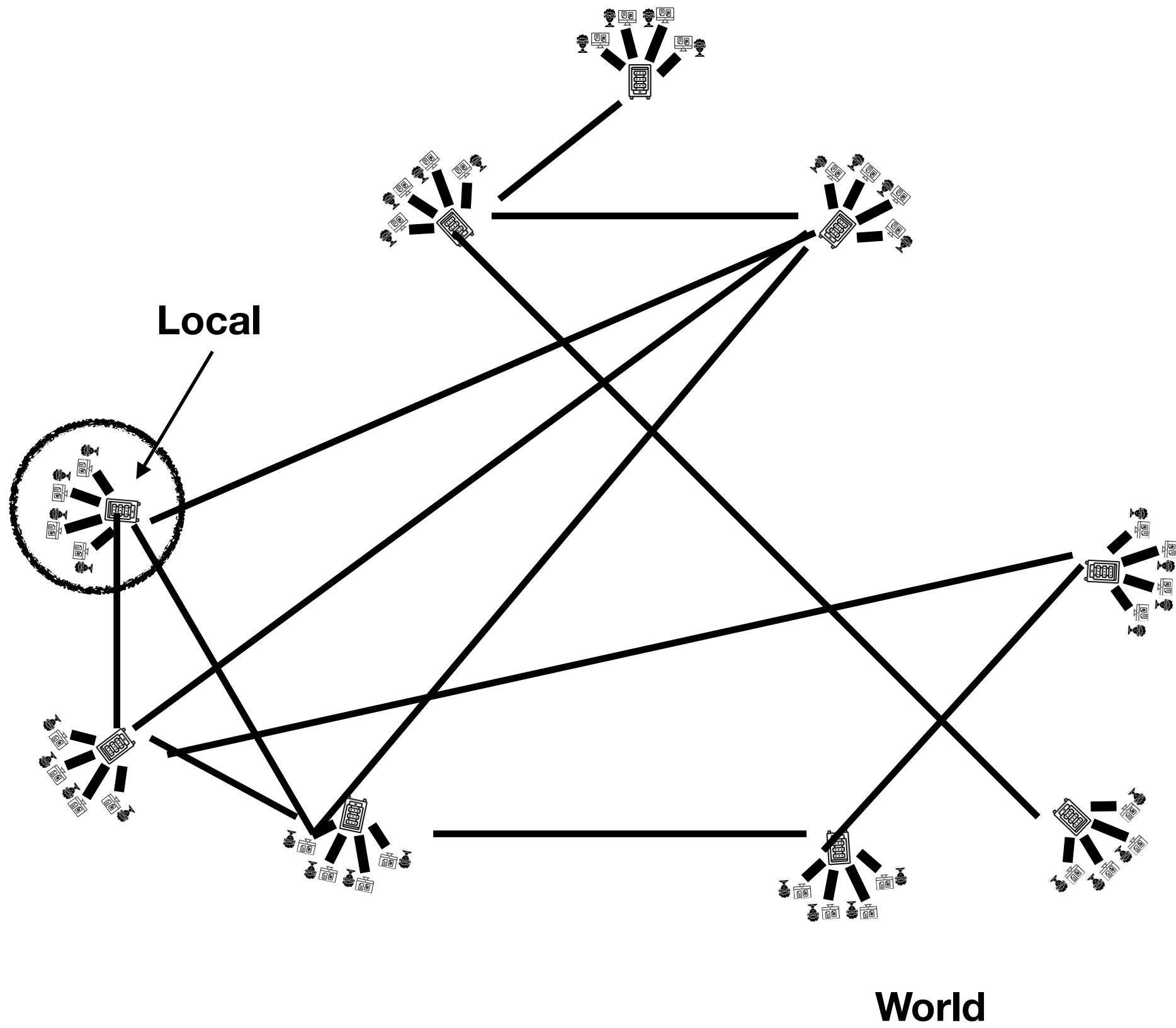


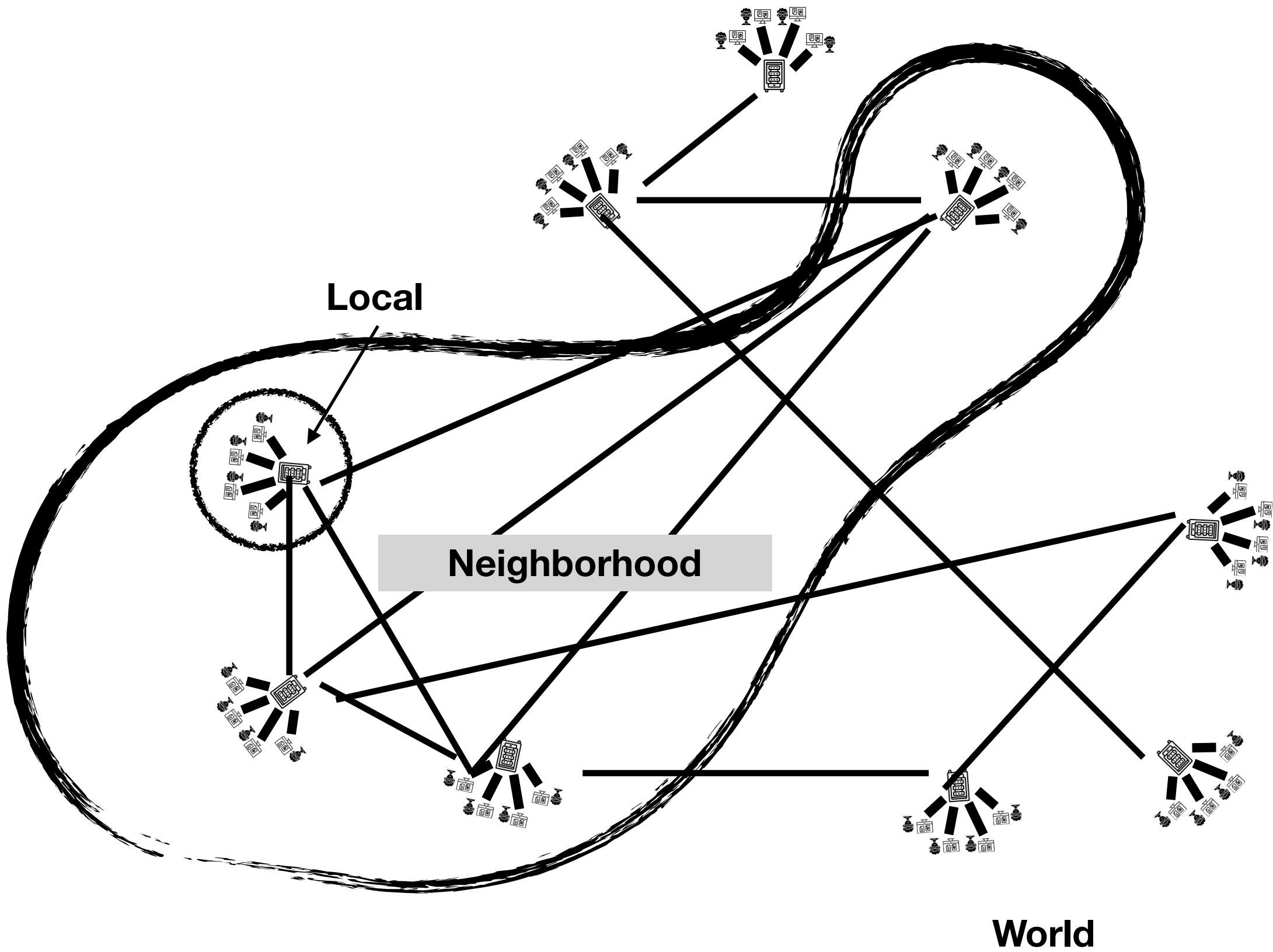


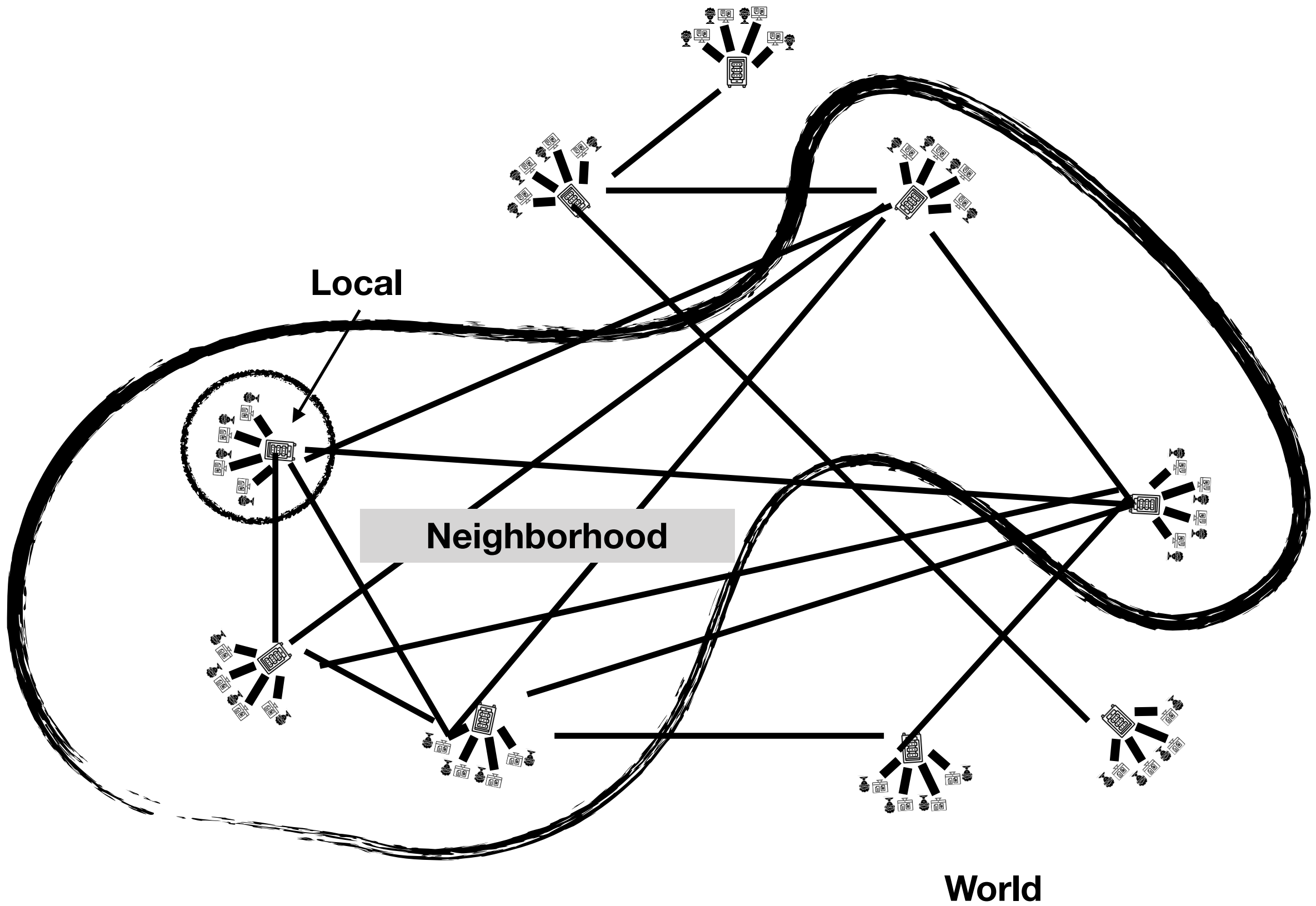




World







Thanks!

Darius Kazemi
Mozilla Fellow
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friend.camp/@darius

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- Loading by Fauzan Adiima from the Noun Project (CC BY)
- Face by Maxim Kulikov from the Noun Project (CC BY)
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