Structures

at the same time both <u>continuity and</u>
<u>discontinuity</u>

A structure is contained
in another node

How its different

Node

Node

Node

whats
in
Common

whats
different
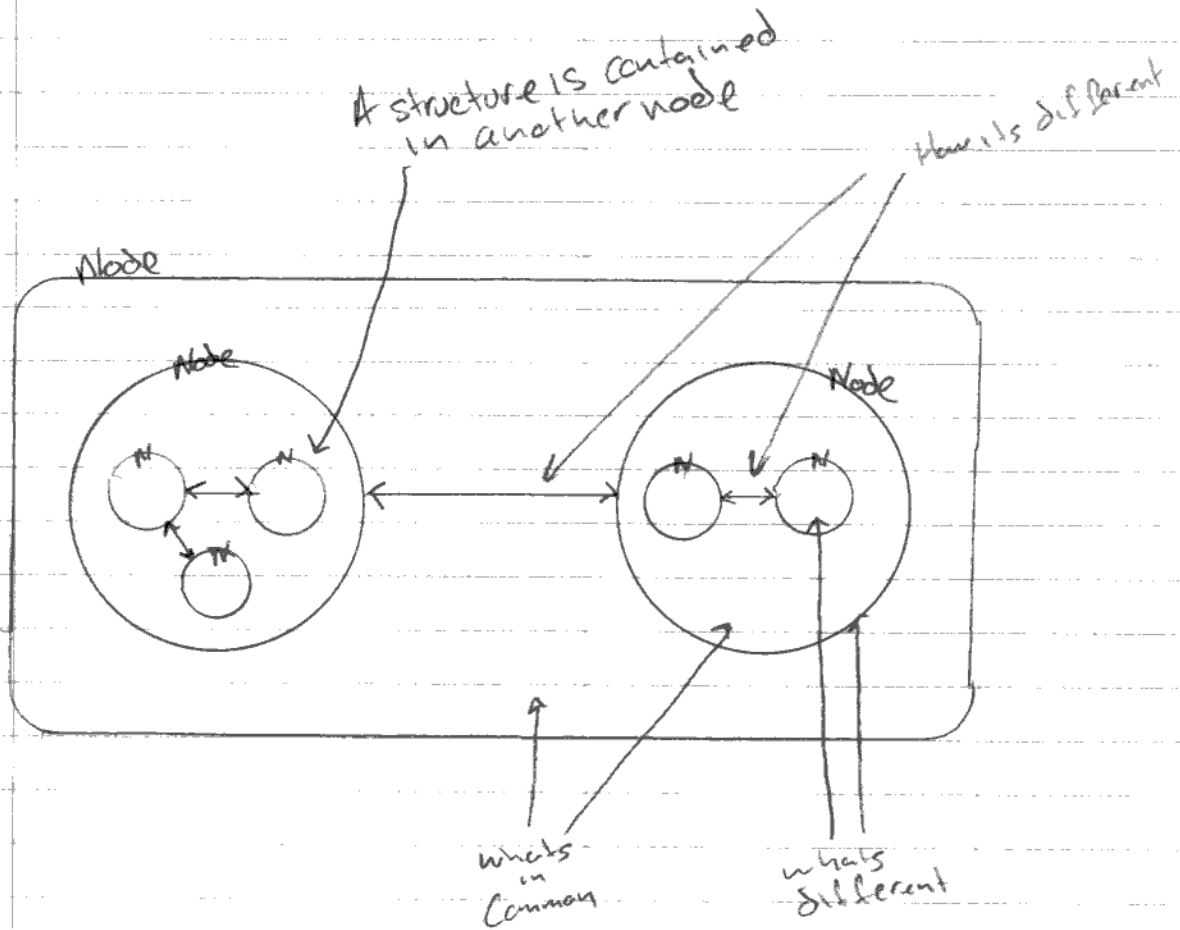
A structure is encapsuleted in a meta node

The meta node describes the <u>continuity</u>
The internal structure represents the <u>discontinuity</u>
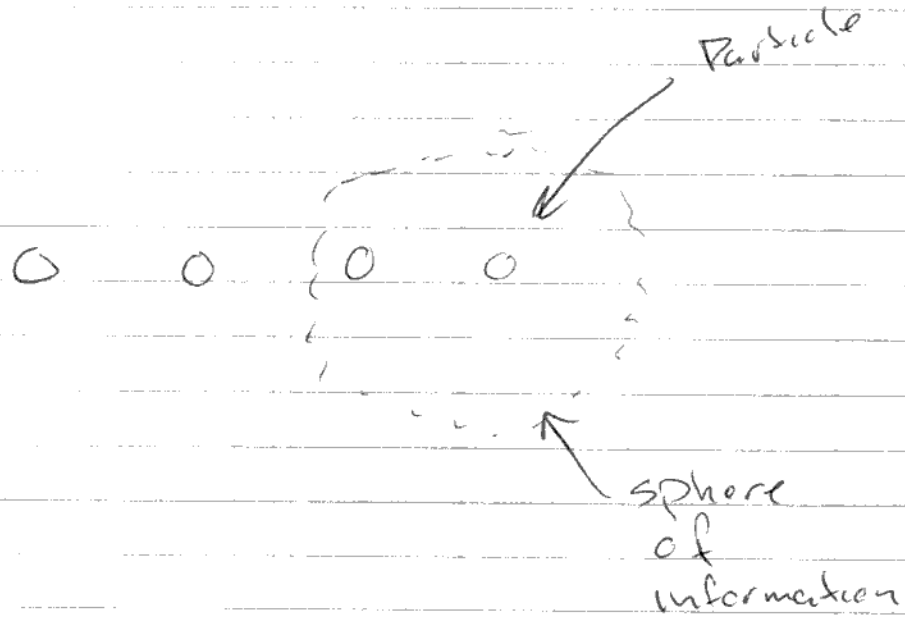
Examples of structure

- Chain of command

General

major   major

Sargent Sargent   Sargent Sargent

ALL Part of
Army
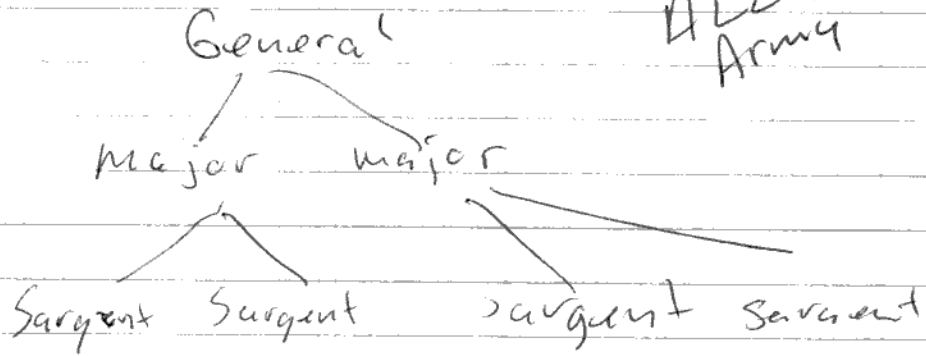
Different
Responsibilities

- Software dependencies

Same but different

for each object
    what is same
    what is different

Particle

O   O   (O   O

sphere
of
information

How to create a space
- Particles w/ sphere of information
- Limitation on connectivity
- 2 spheres of info = 2 dimensions
- Shared info between particles such
  that the particles continuously
  re orient themselves to stay connected

Resiliency?
Scalable?
Adaptive?
More Compute Nodes?

Stable States

Particle
model

Feedback

Replication

Structure   Fold
Transforms / unfold

Computational
model

De Compression

Structure
Generation