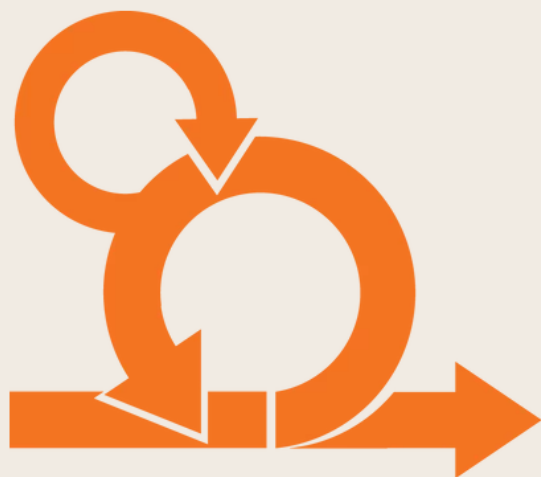




AGILE SOFTWARE DEVELOPMENT



(Agile) Problem Solving
seminar



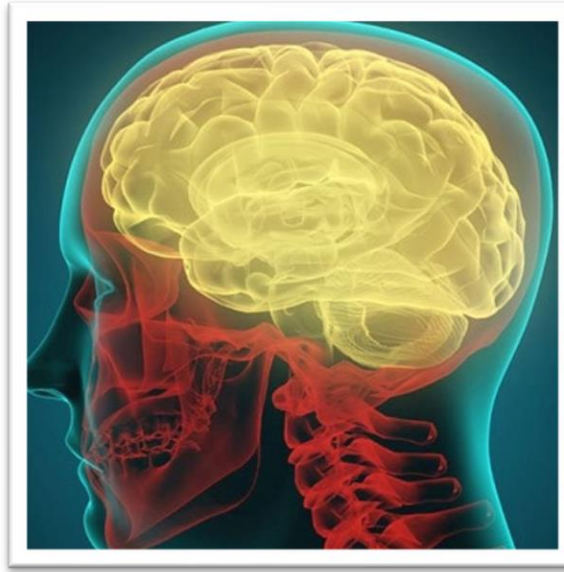
Dave Snowden

Cynefin Framework

It is a *decision making framework!*



Ordered



Complex



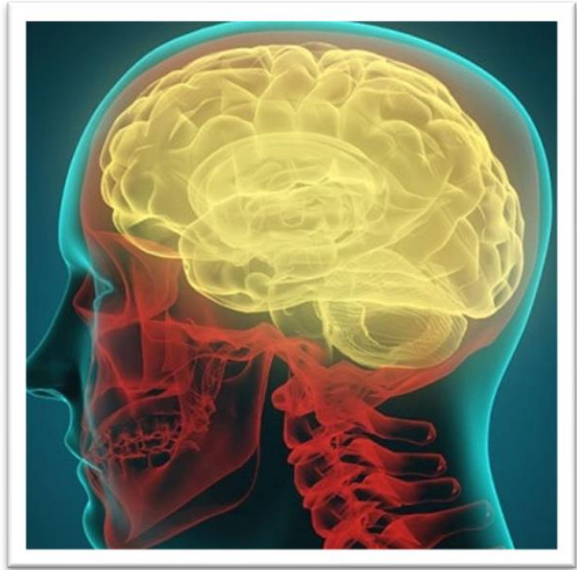
Chaotic



Ordered

Cause $\leftrightarrow$ Effect

- Exists
- Repeatable
- Predictable



Complex

Cause $\leftrightarrow$ Effect

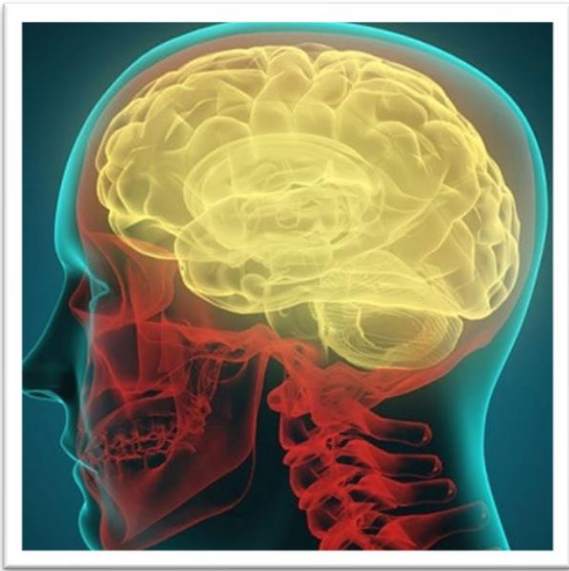
- Exists
- Unpredictable
- Unknowns



Chaotic

Cause $\leftrightarrow$ Effect

- Indeterminate
- Scope undefined



Complex



Complicated



Chaotic



Obvious

COMPLEX

Cause and effect seen in retrospect,
and do not repeat

Emergent practice
(Probe-Sense-Respond)
Pattern management
Heuristics
“More stories like this, less like this”

Sensemaking; stories;
monitor coherence

COMPLICATED

Cause and effect separated
over time and space

Good practice
(Sense-Analyse-Respond)
Predictive planning
Rules
Expert Analysis

Data provides options; experts interpret;
measure goodness

Disorder

CHAOS

Cause and effect not usefully perceivable

Novel practice
(Act-Sense-Respond)
Act to bring stability
Crises management

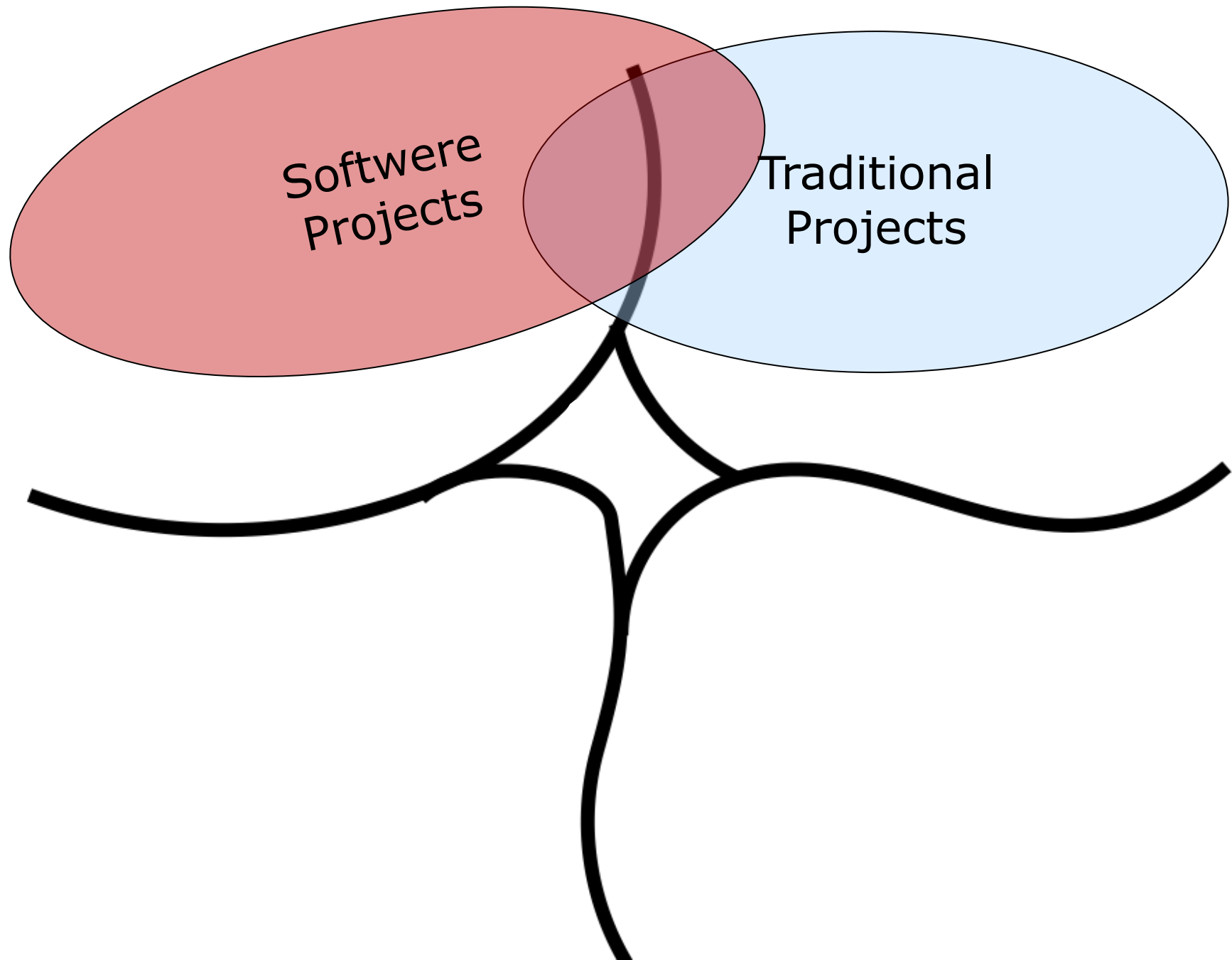
Experience informs decisions; action is required;

OBVIOUS

Cause and effect repeatable
known and predictable

Best practice
(Sense-Categorize-Respond)
Standard operating procedure
Automation

Data provides answers; anyone can interpret;
measure best





Neal Ford

*"Yesterday's Best Practice
is
Tomorrow's Anti-Pattern"*