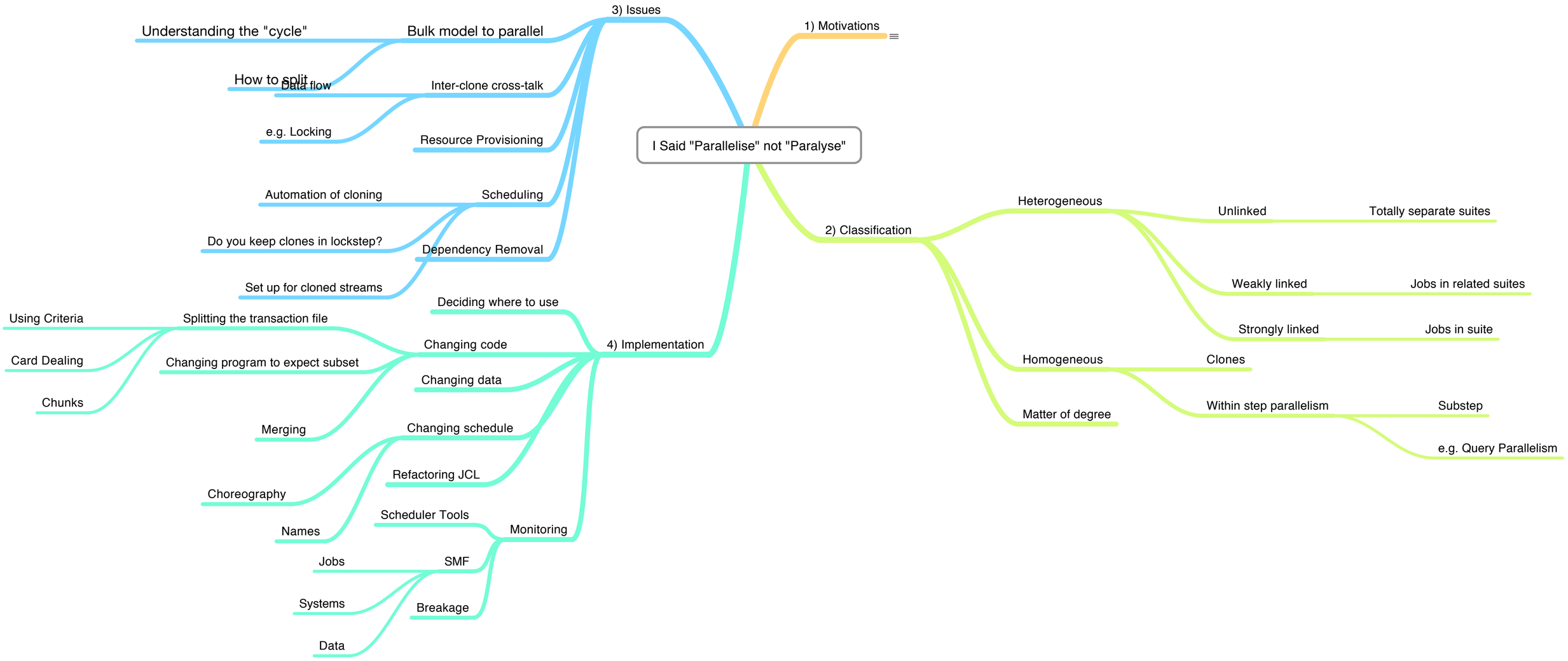
I Said "Parallelise" not "Paralyse"
1) Motivations
2) Classification
Heterogeneous
Unlinked
Totally separate suites
Weakly linked
Jobs in related suites
Strongly linked
Jobs in suite
Homogeneous
Clones
Within step parallelism
Substep
e.g. Query Parallelism
Matter of degree
3) Issues
Bulk model to parallel
Understanding the "cycle"
How to split
Inter-clone cross-talk
Data flow
e.g. Locking
Resource Provisioning
Scheduling
Automation of cloning
Dependency Removal
Do you keep clones in lockstep?
Set up for cloned streams
4) Implementation
Deciding where to use
Changing code
Splitting the transaction file
Using Criteria
Card Dealing
Chunks
Changing program to expect subset
Changing data
Changing schedule
Merging
Refactoring JCL
Choreography
Names
Monitoring
Scheduler Tools
SMF
Jobs
Breakage
Systems
Data