

RandomFruitDB

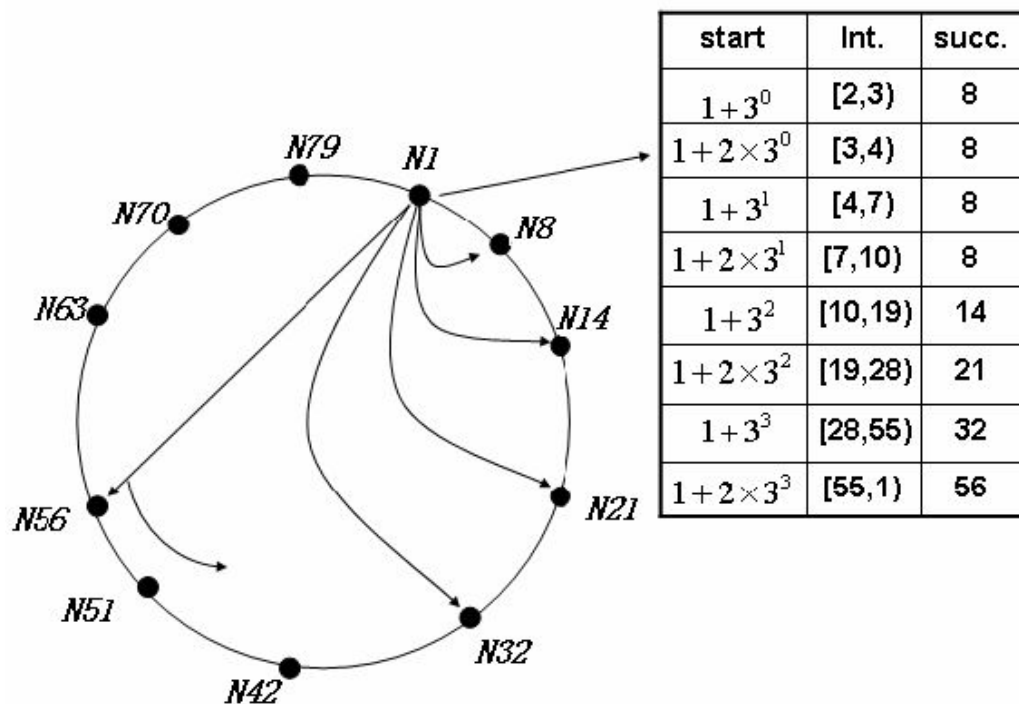
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Chord system

Distributed system

Use hash table

Keep valid state and data



Database systems

- SQL/NoSQL
- Shared/Disk shared/not shared
- Data replication/availability

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Plan:

- Based on Chord
- Uses simplification (no hash, dispatcher, no state verification, ...)
- Simple but could be developed

Issues:

- File manipulation with Elixir
- Connection between front and backend

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Outcome:

- Not a working system
- Chord ring created
- No file

Further development:

- Connection with frontend and file compatible (working system)
- Chord related (hash, no dispatcher, ...)

Demonstration

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Stored documents:

ChordAlgorithm.png

RandomFruitDB.pdf

Concurrent_and_Distributed_Computing__Project_description.pdf

Any question?

Thanks for your time