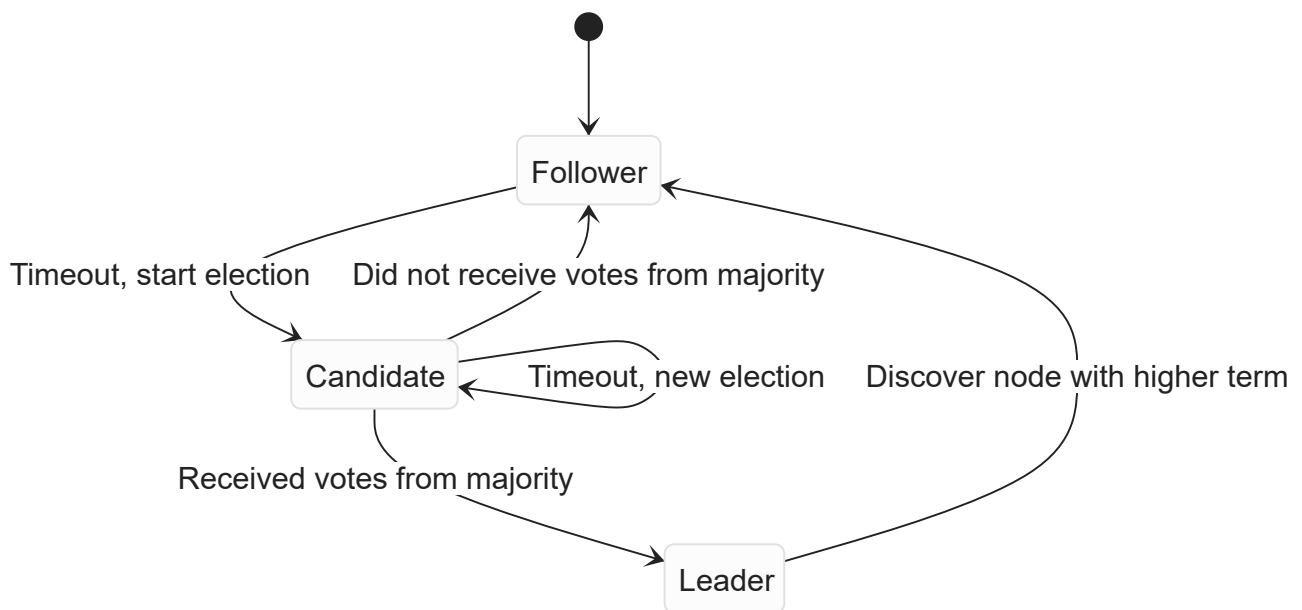


Elves cluster diagram

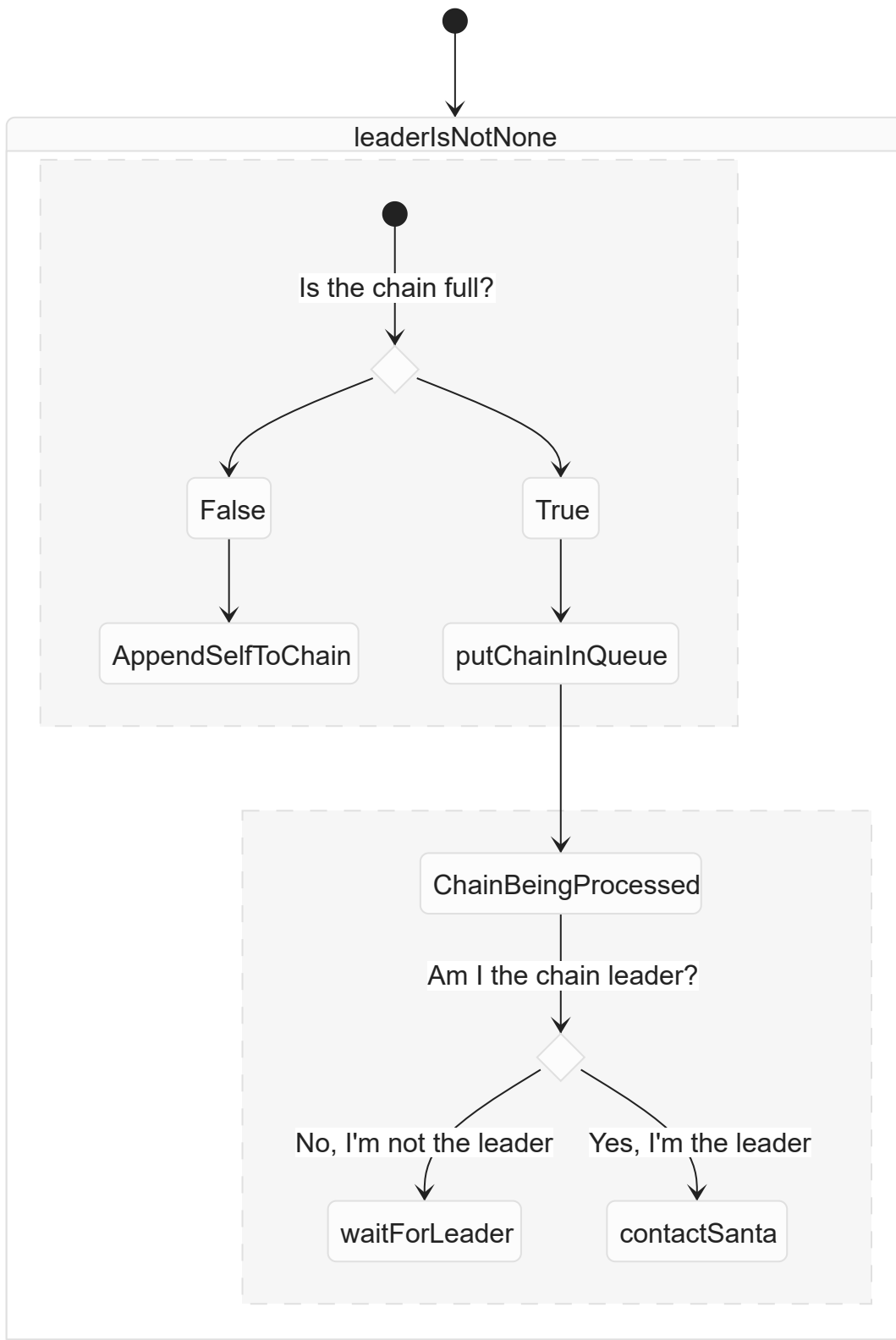
Election Process Diagram

In the context of achieving consensus among elves using the Raft algorithm, this diagram depicts the process of selecting a leader through voting.



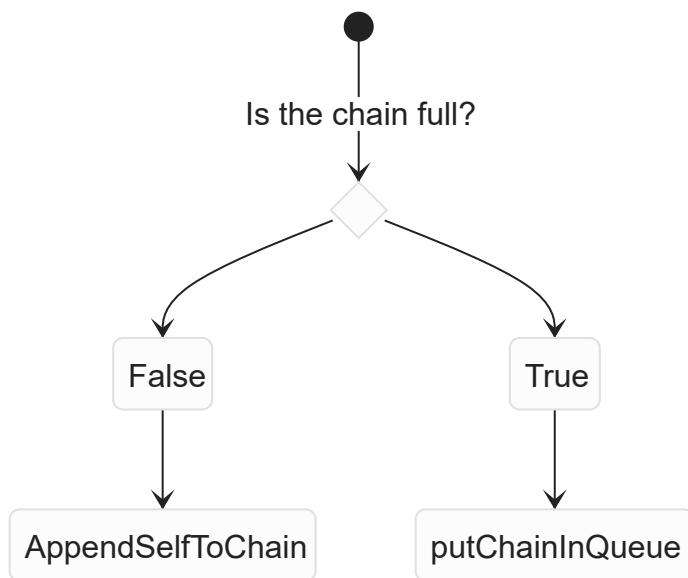
Leader State Diagram

This diagram illustrates the state transitions once a leader has been established within a cluster of elves. Note that these processes occur concurrently.



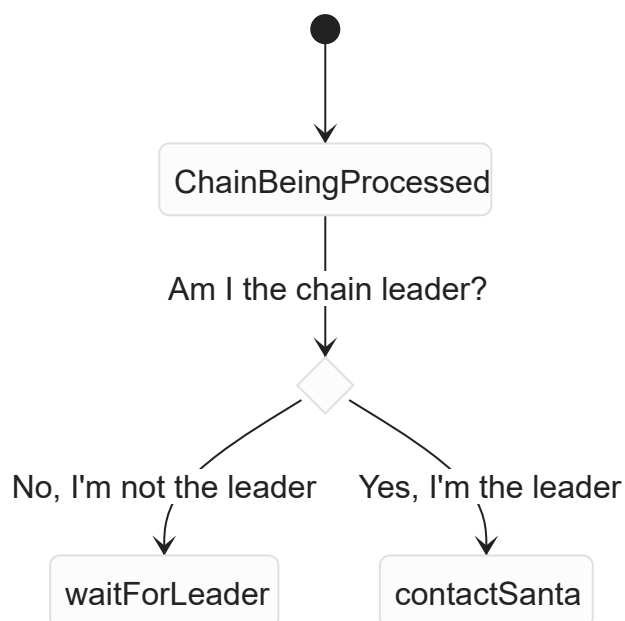
Chain Space Management

This diagram outlines the procedure for handling chain space constraints. If the chain is full, the entire chain is queued for processing; otherwise, an elf appends itself to the chain.



Chain Processing

This diagram clarifies the responsibilities of the chain leader and the actions taken by peers within the chain during processing.



Elf Communication Sequence Diagram

This sequence diagram showcases the communication flow between an elf encountering an issue and Santa. Note that Santa remains inactive until prompted.

