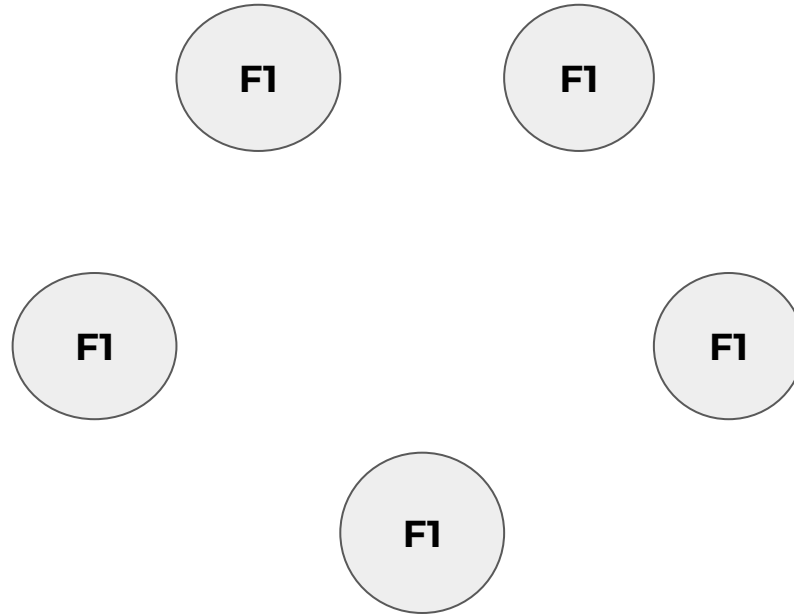


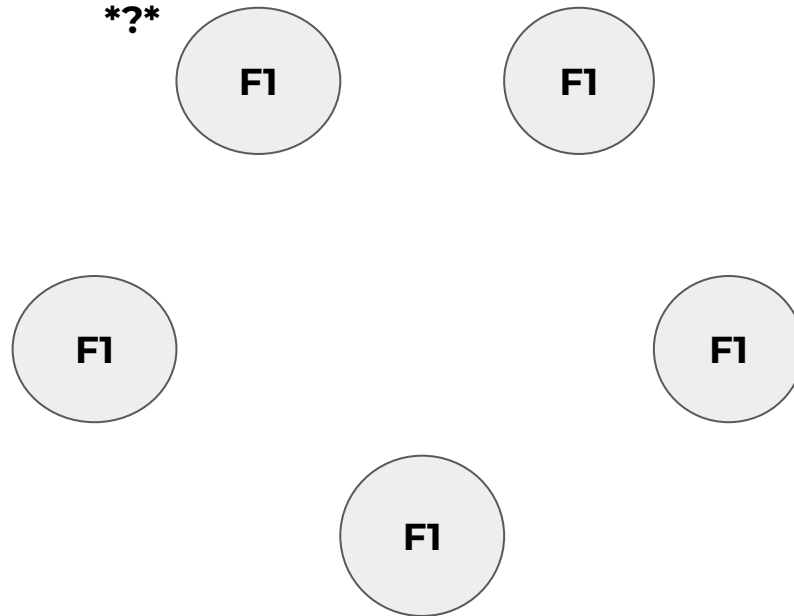
# RAFT

- Algorithme de consensus
- Non byzantin
- Fail safe
- Asynchrone

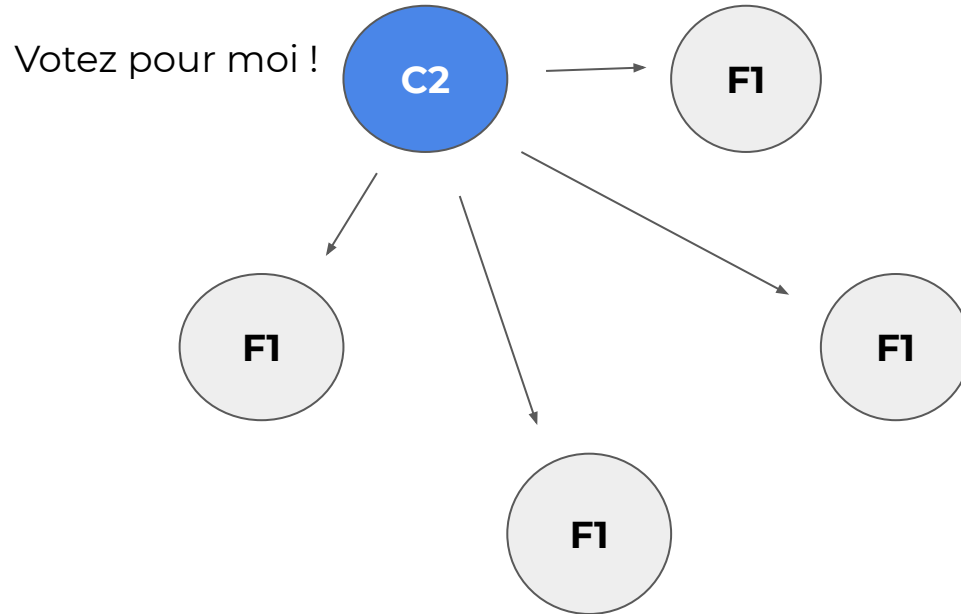
# Election du leader



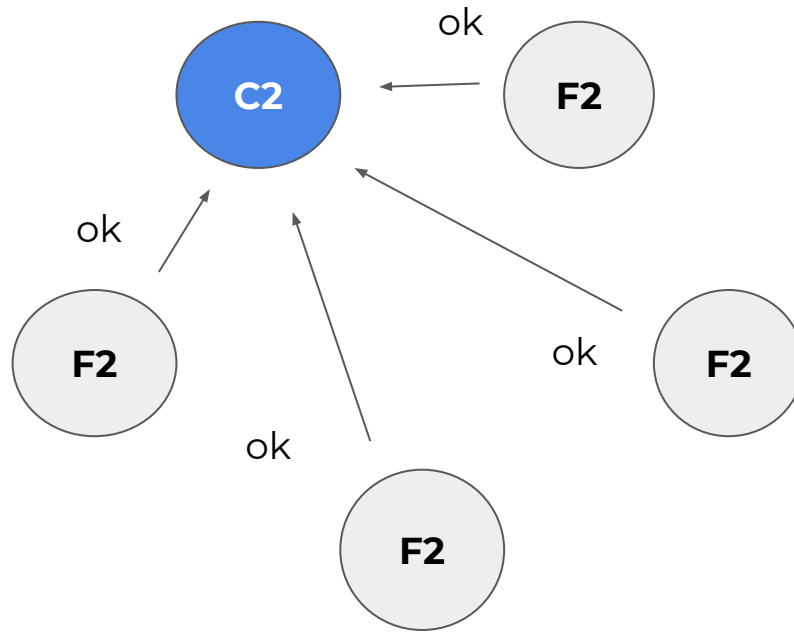
# Election du leader



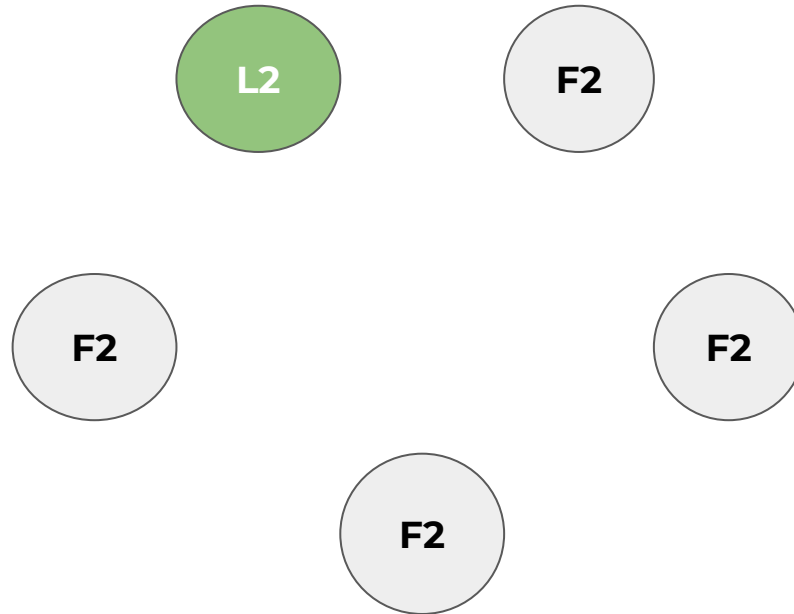
# Election du leader



# Election du leader

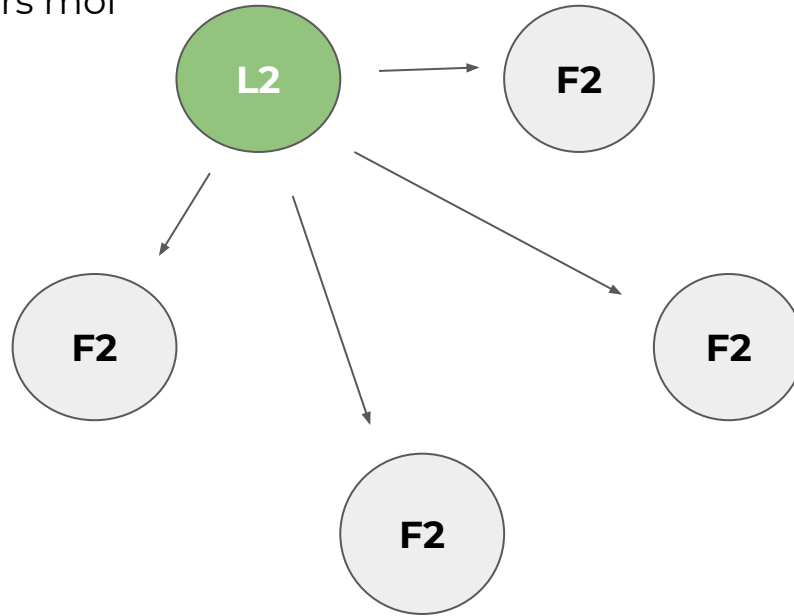


# Election du leader

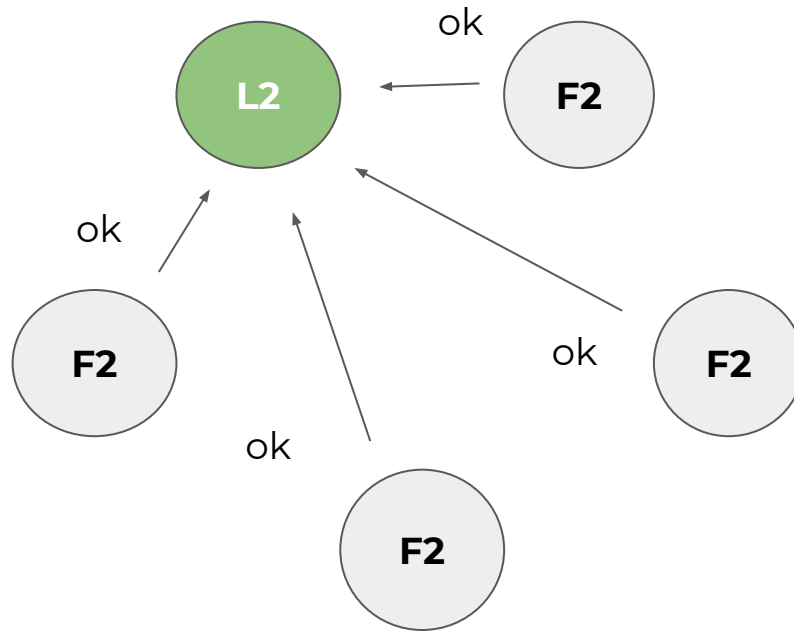


# Election du leader

C'est toujours moi  
le chef !

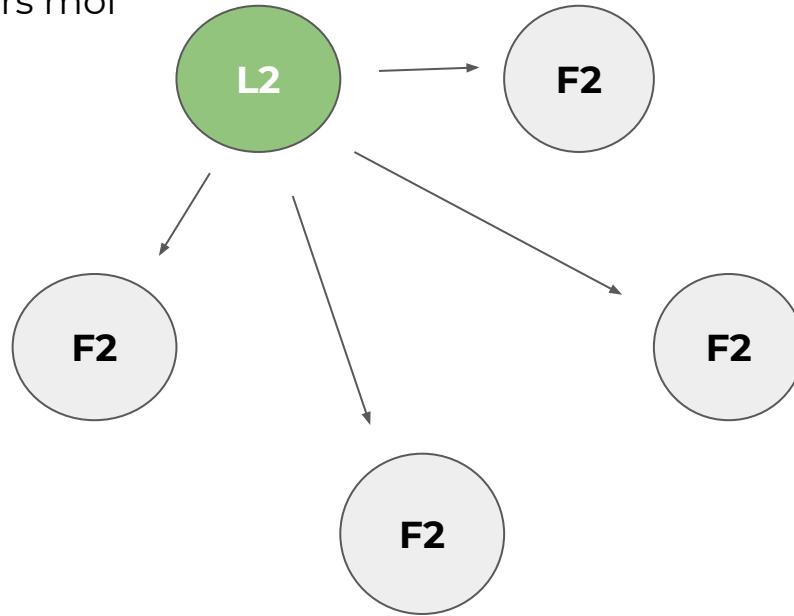


# Election du leader

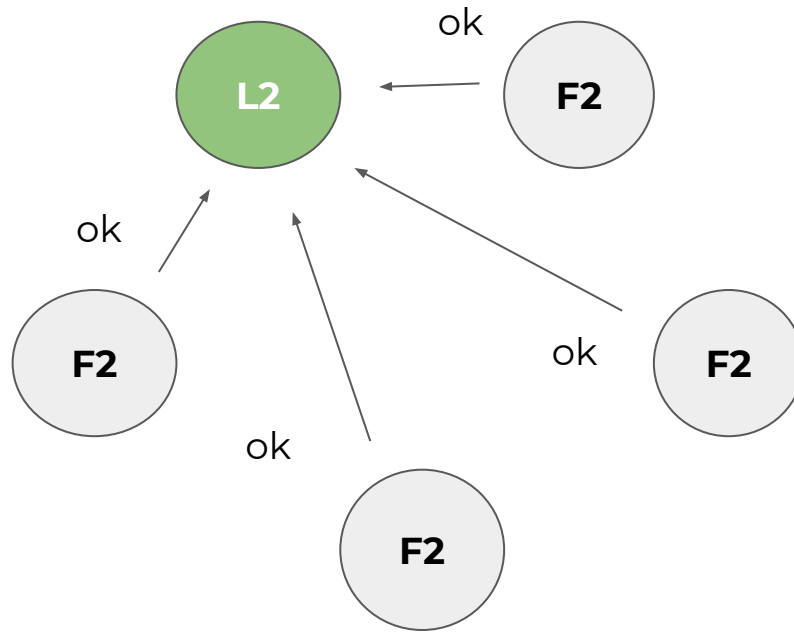


# Election du leader

C'est toujours moi  
le chef !

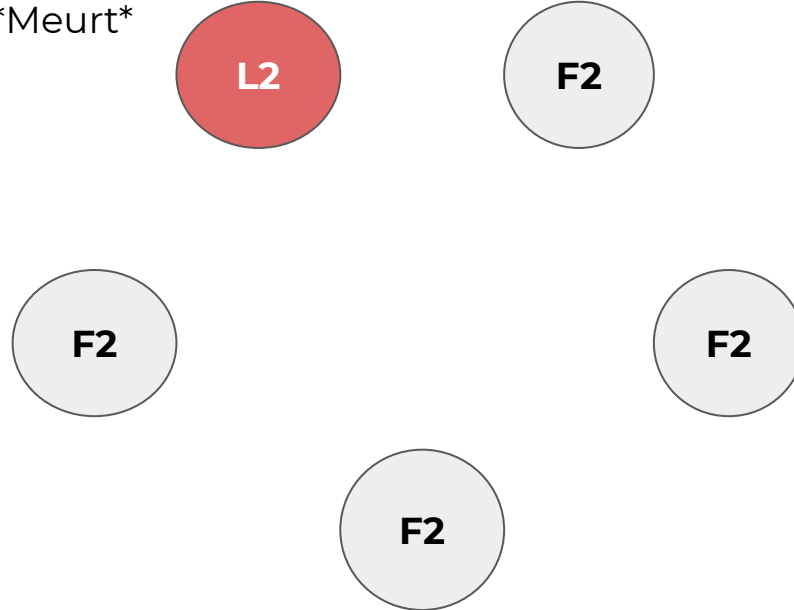


# Election du leader



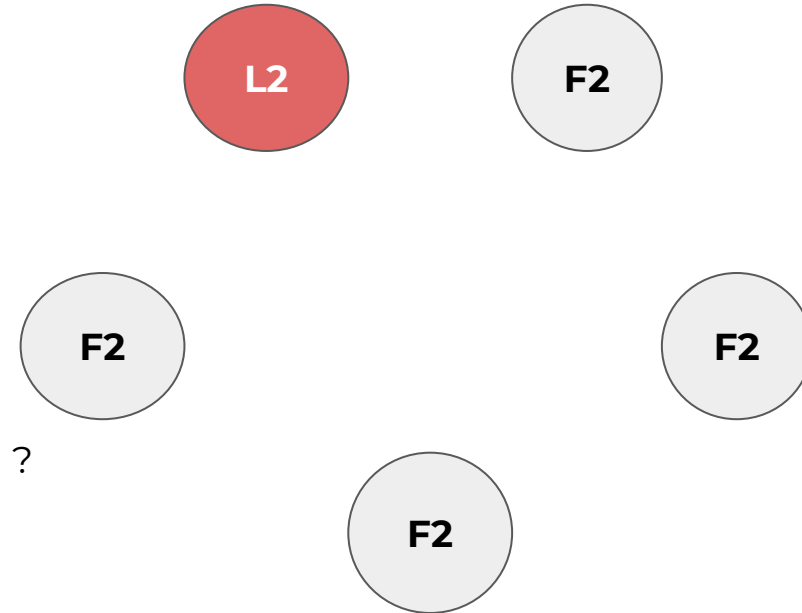
# Election du leader

\*Meurt\*

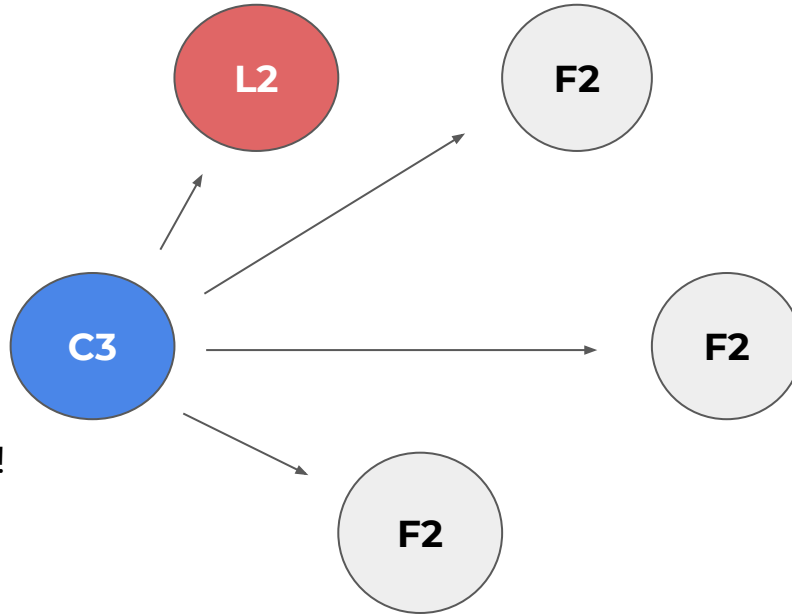


# Election du leader

Timeout aléatoire pour chacun des noeuds (entre 150 et 300ms).

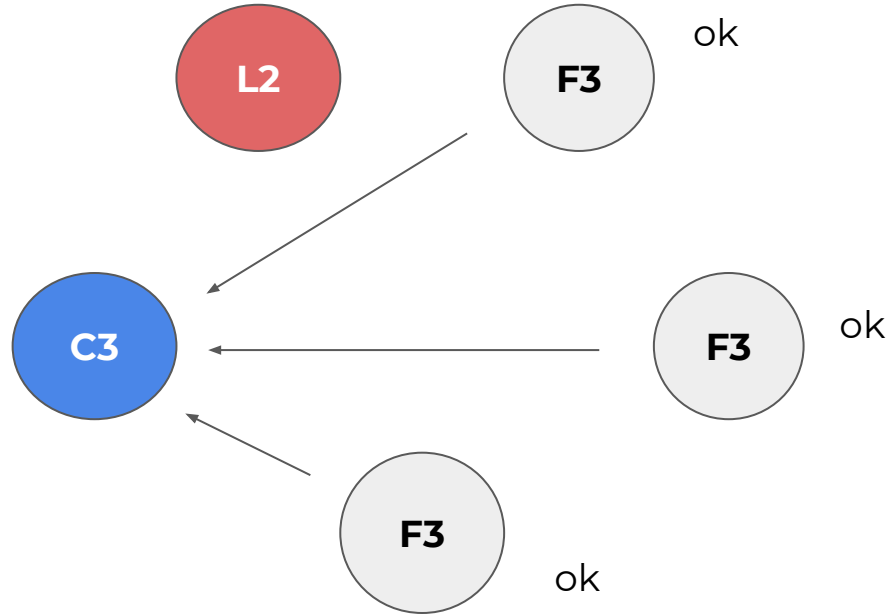


# Election du leader

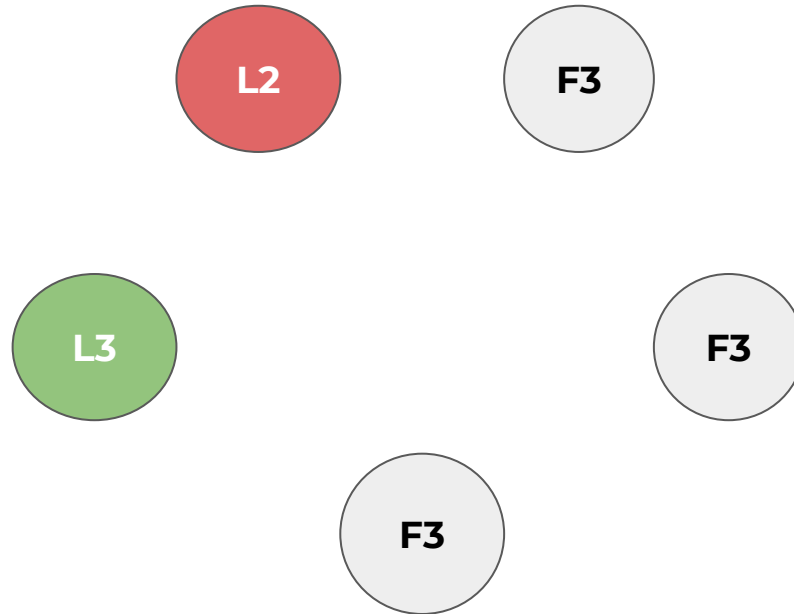


Votez pour moi !

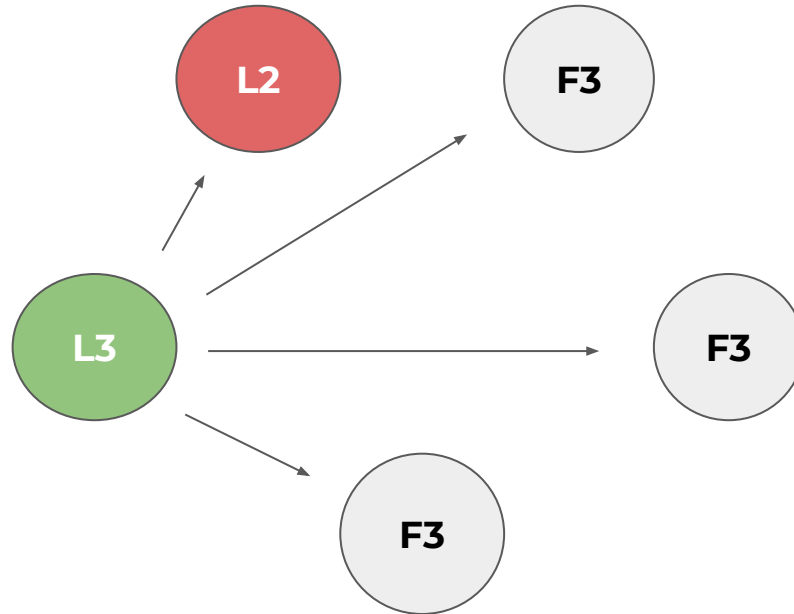
# Election du leader



# Election du leader

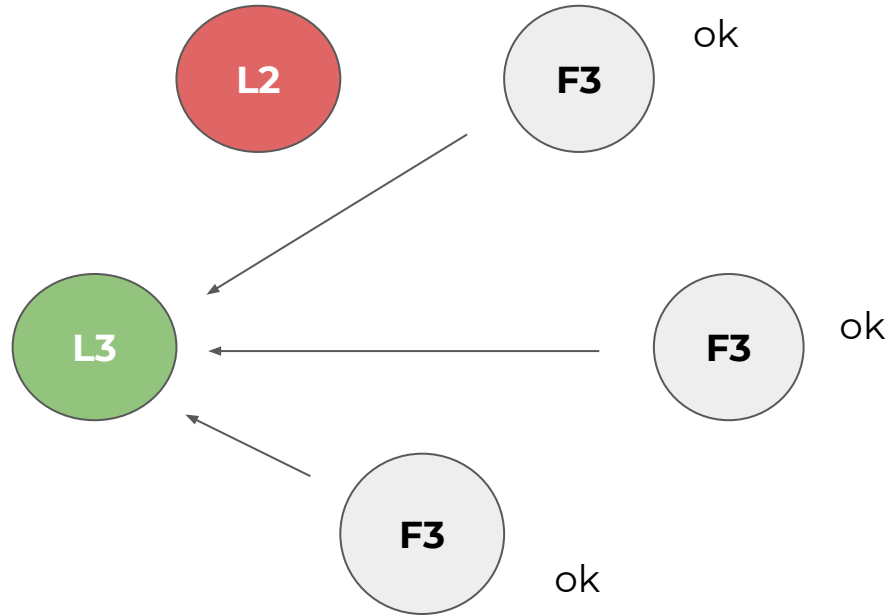


# Election du leader

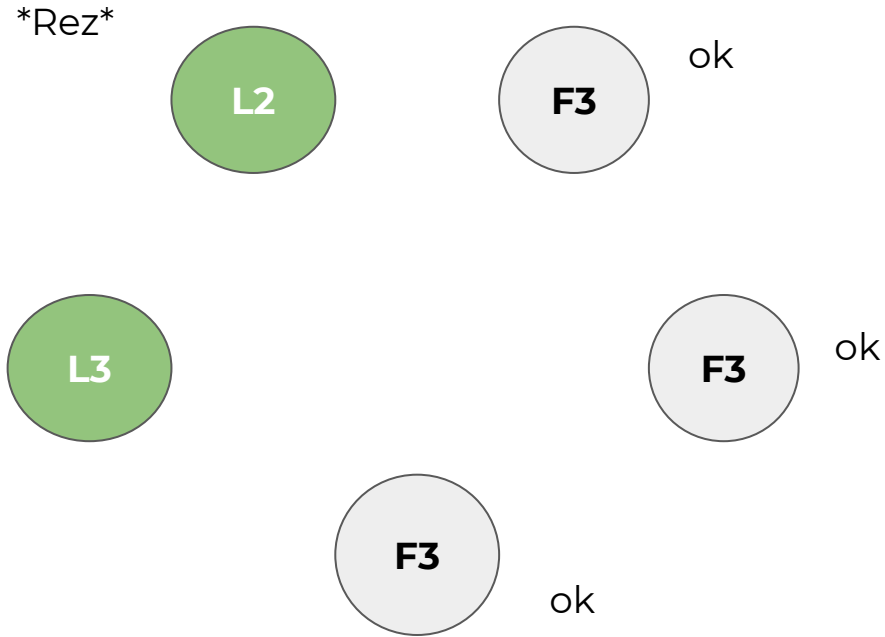


C'est toujours moi  
le chef !

# Election du leader

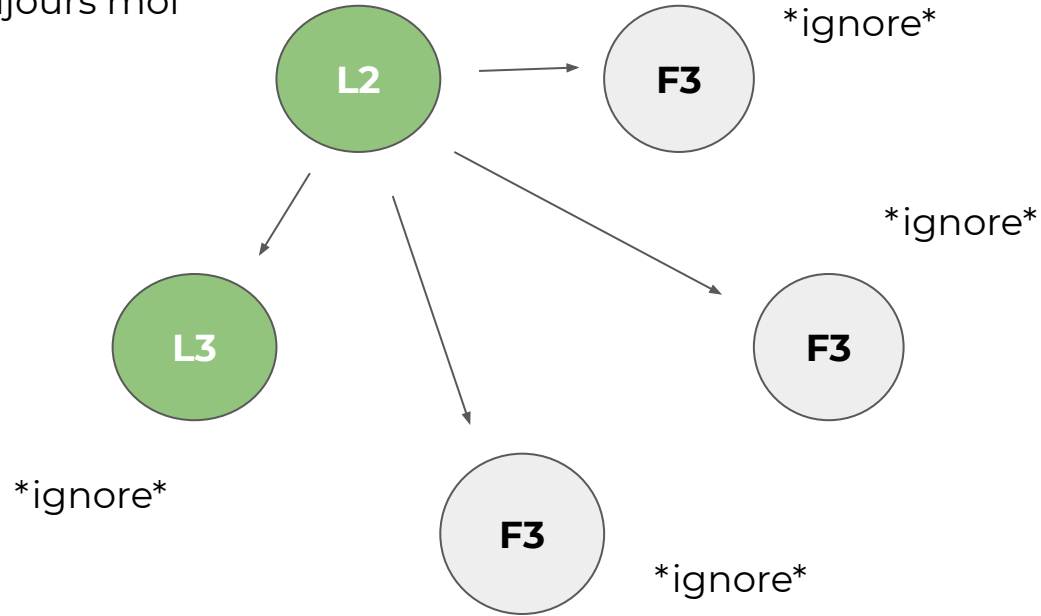


# Election du leader

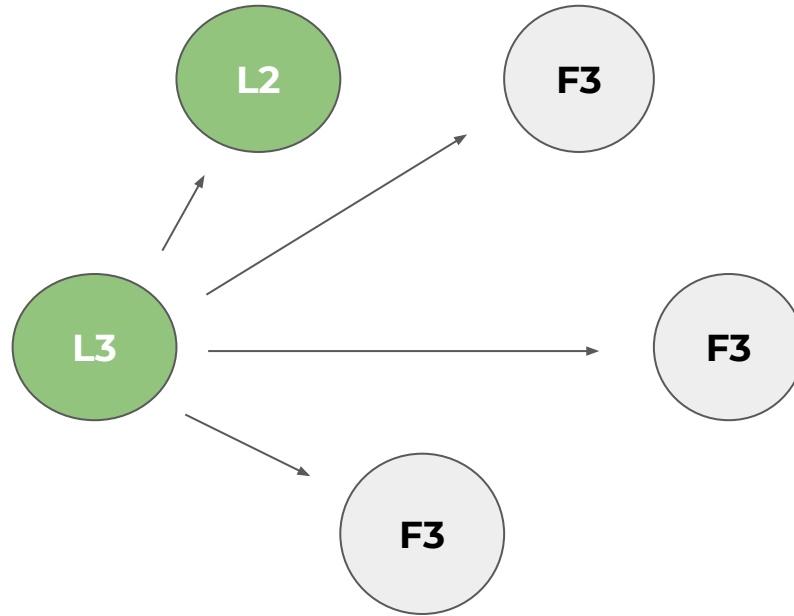


# Election du leader

C'est toujours moi  
le chef !

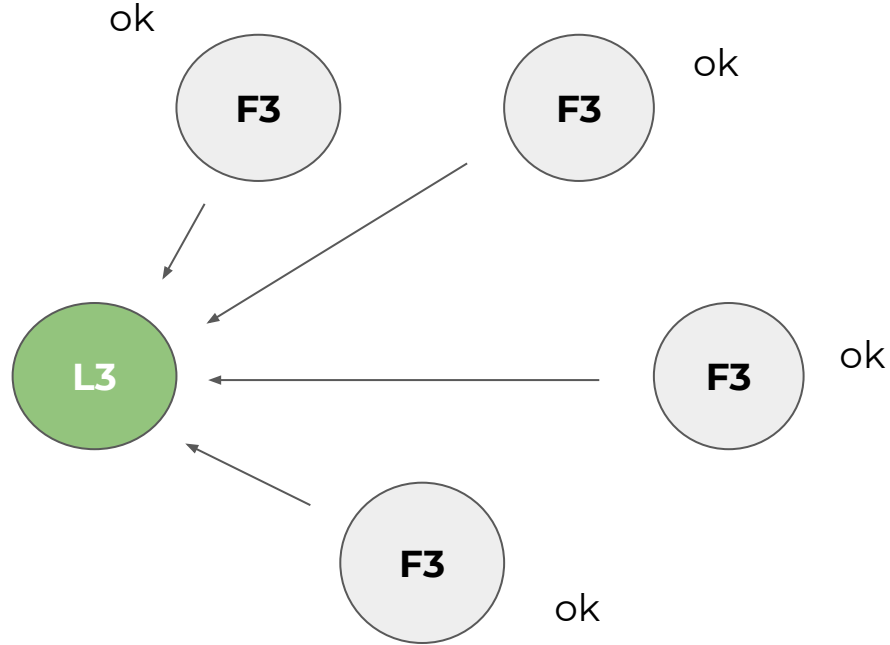


# Election du leader



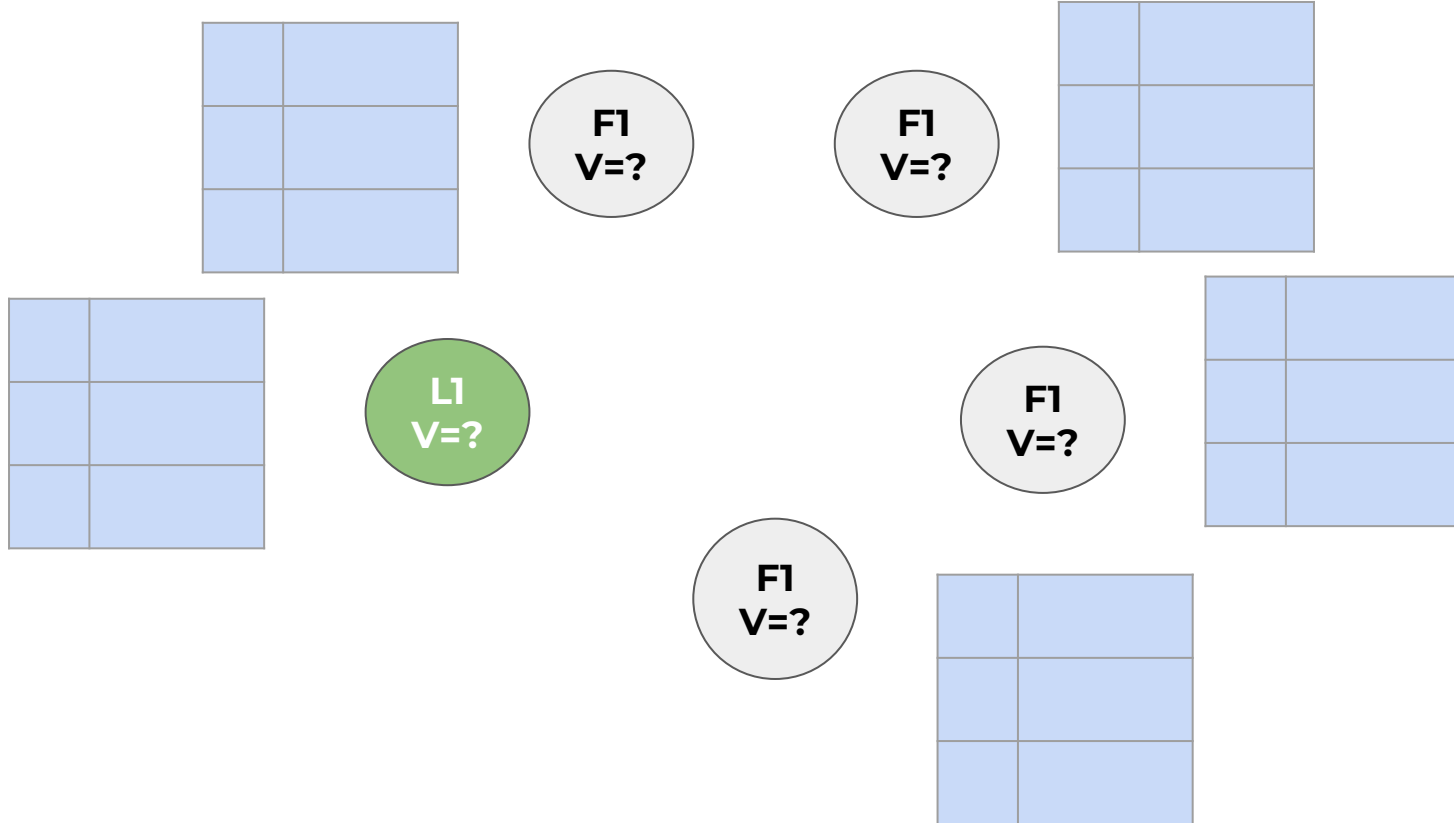
C'est toujours moi  
le chef !

# Election du leader

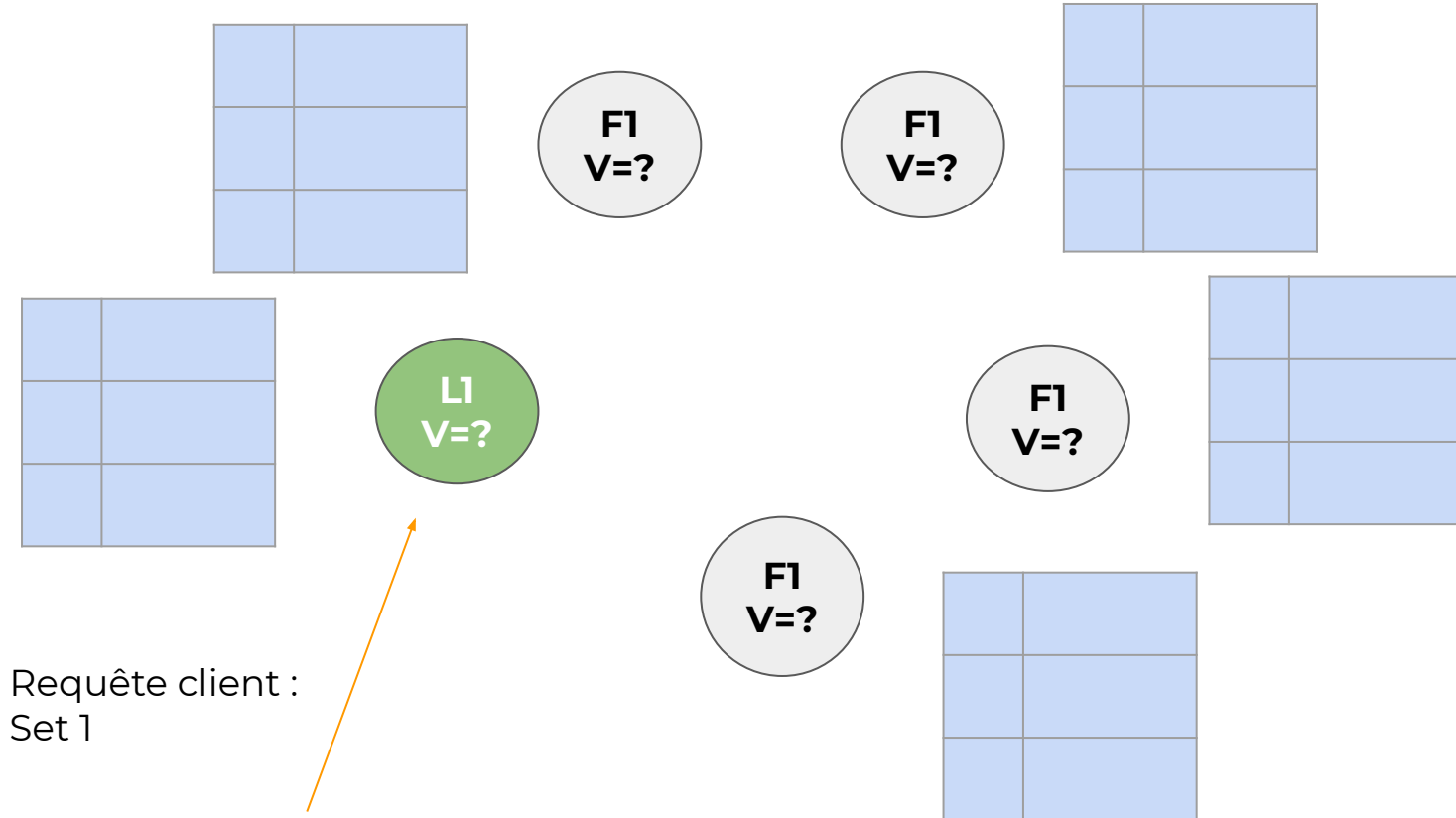


C'est toujours moi  
le chef !

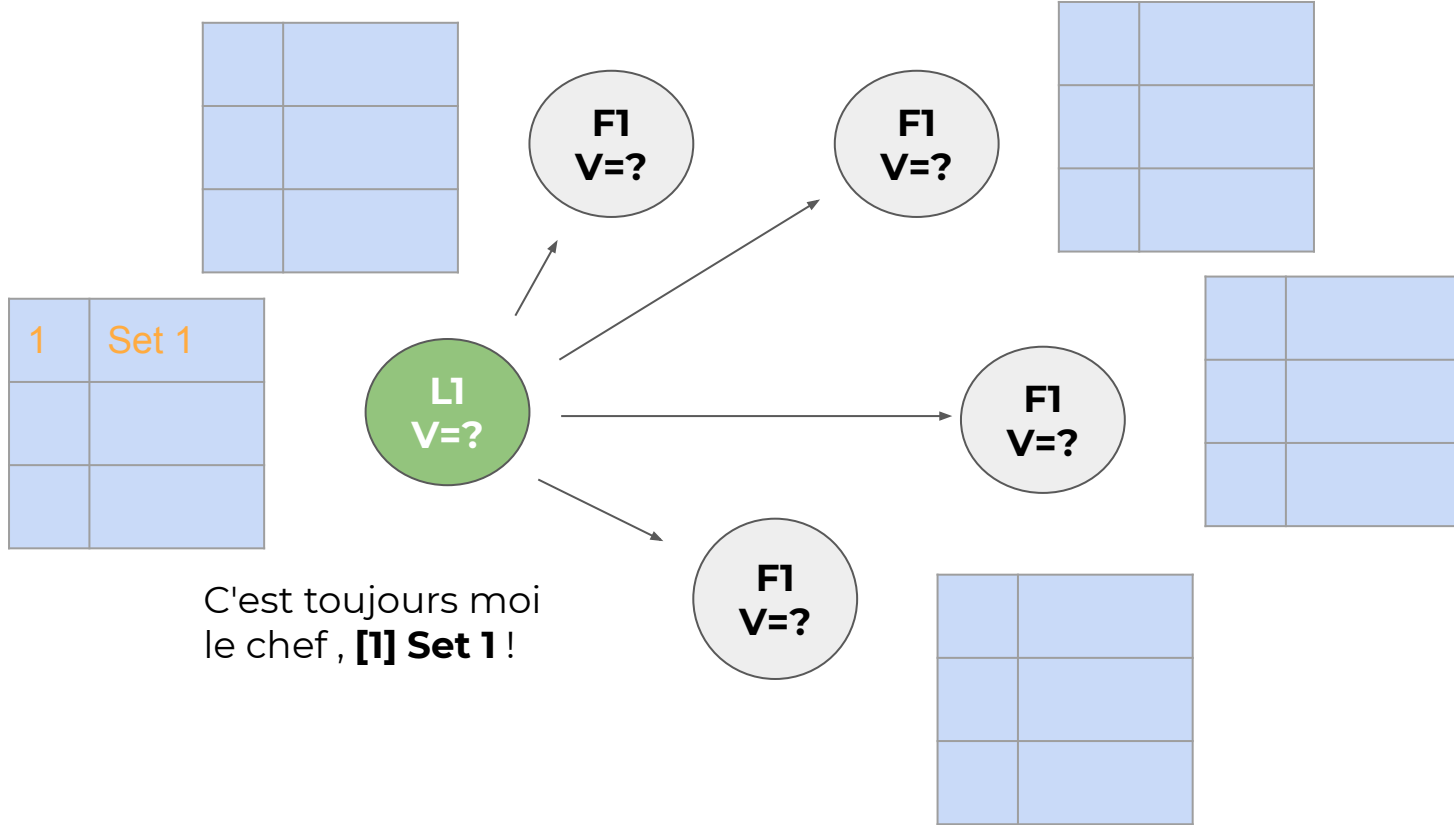
# Réplication de logs



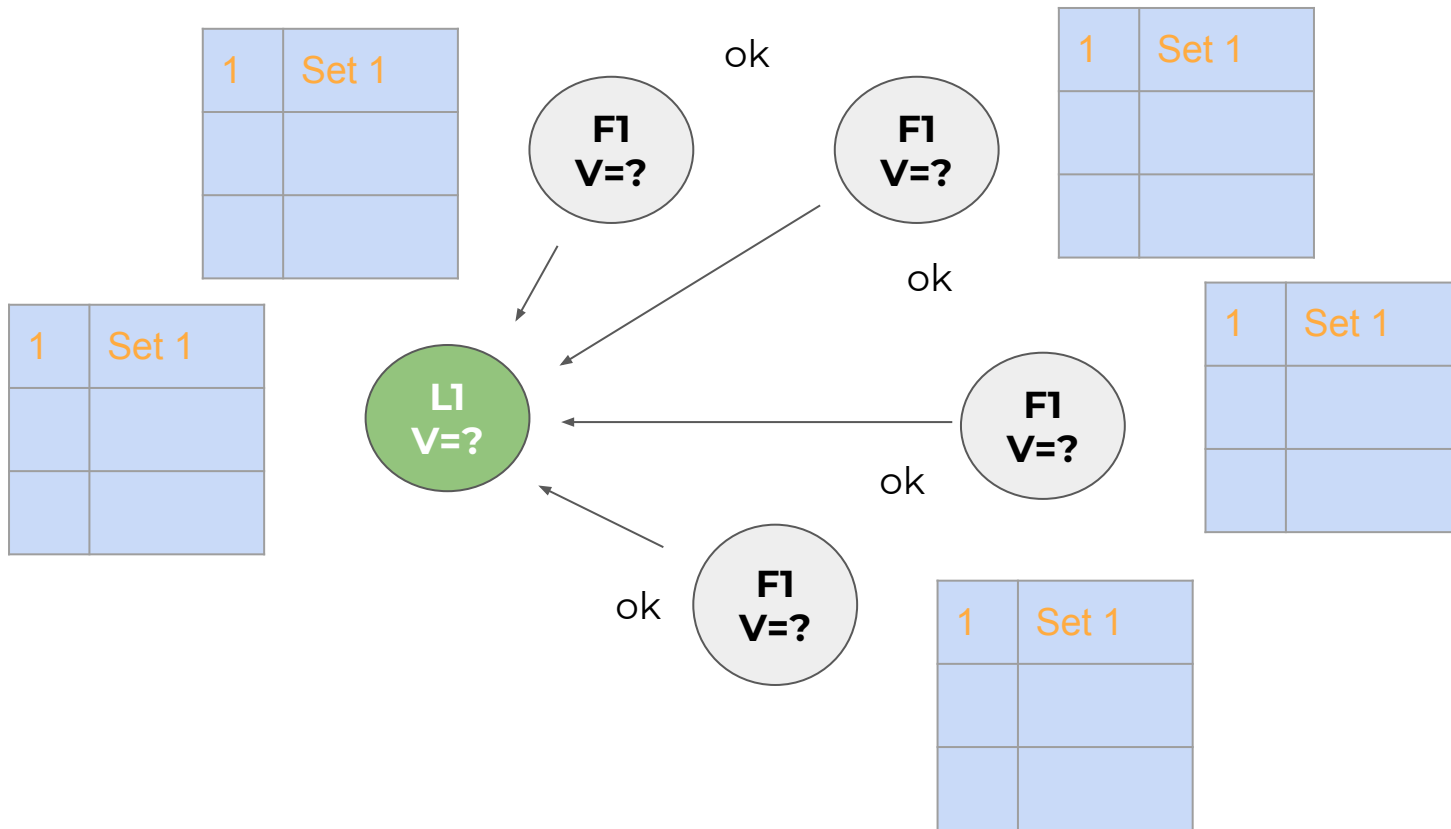
# Réplication de logs



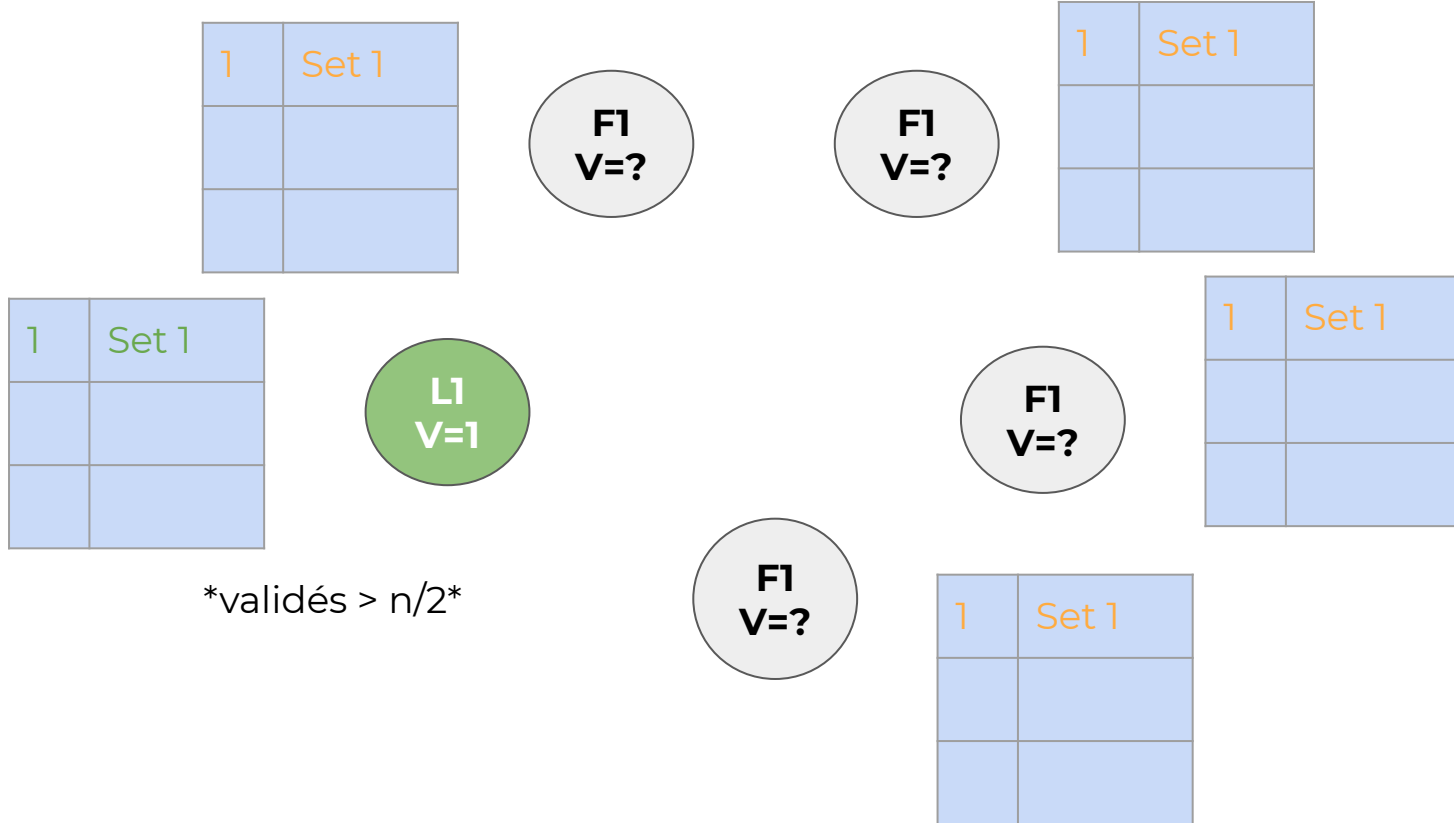
# Réplication de logs



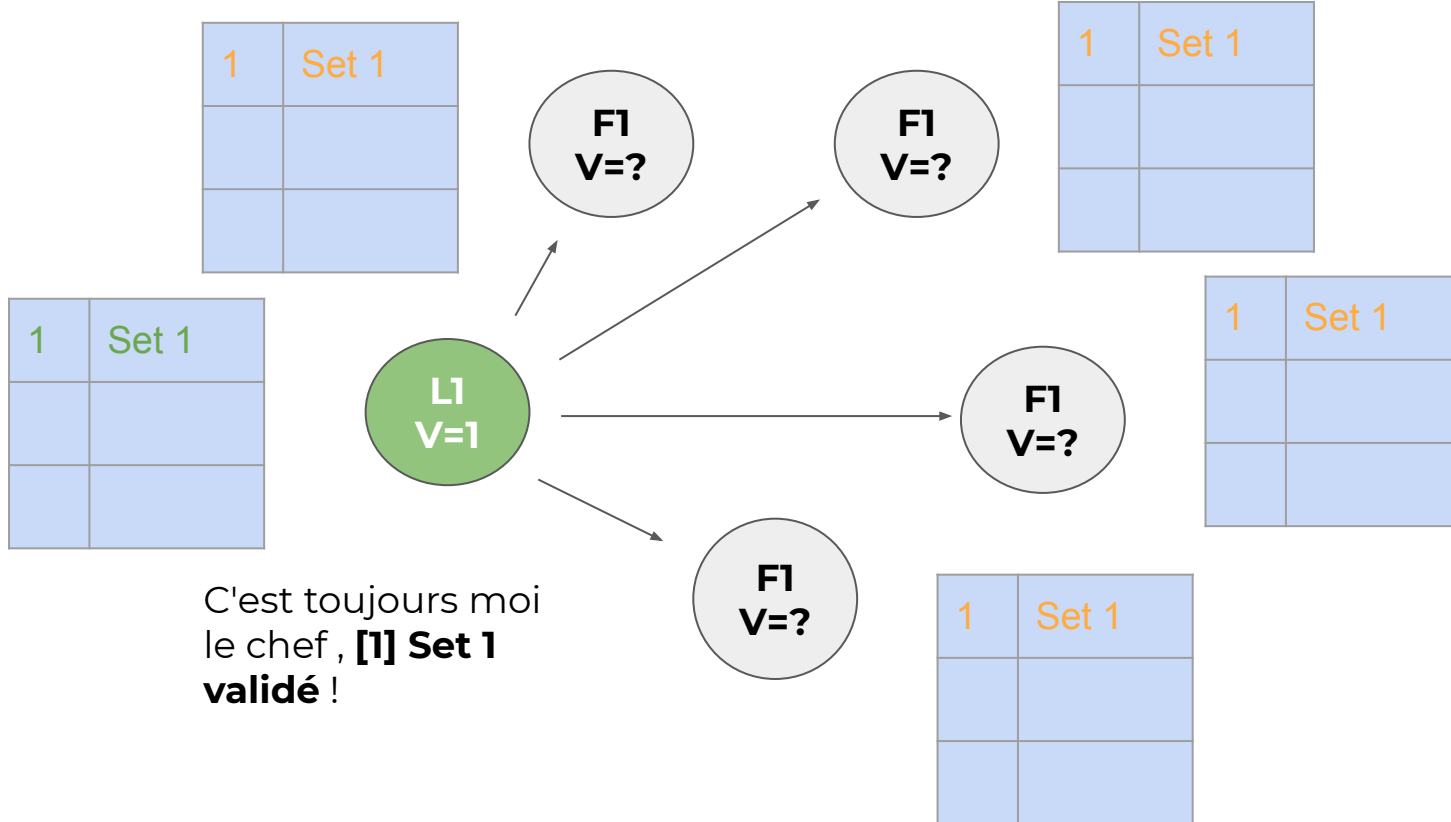
# Réplication de logs



# Réplication de logs

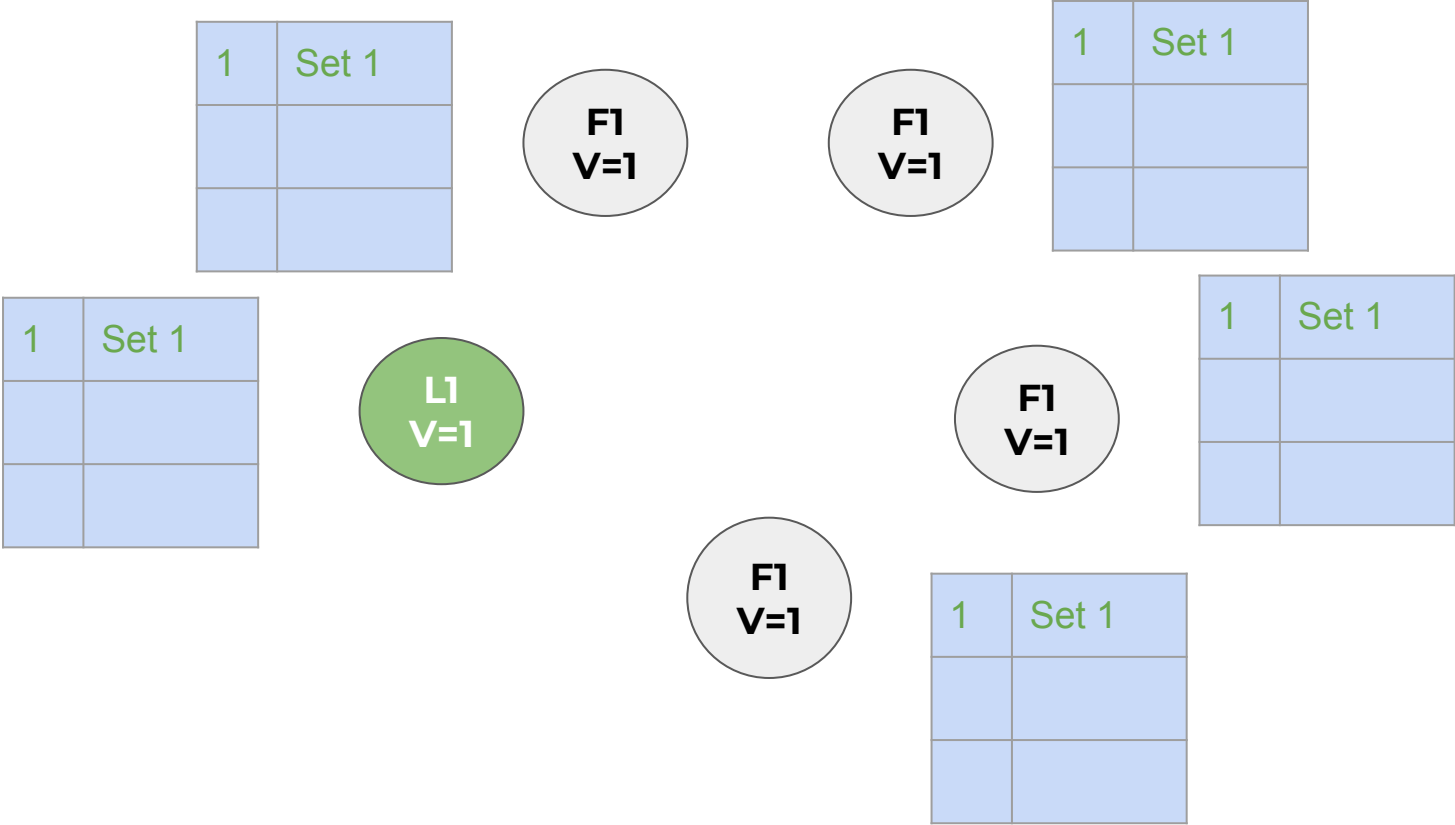


# Réplication de logs

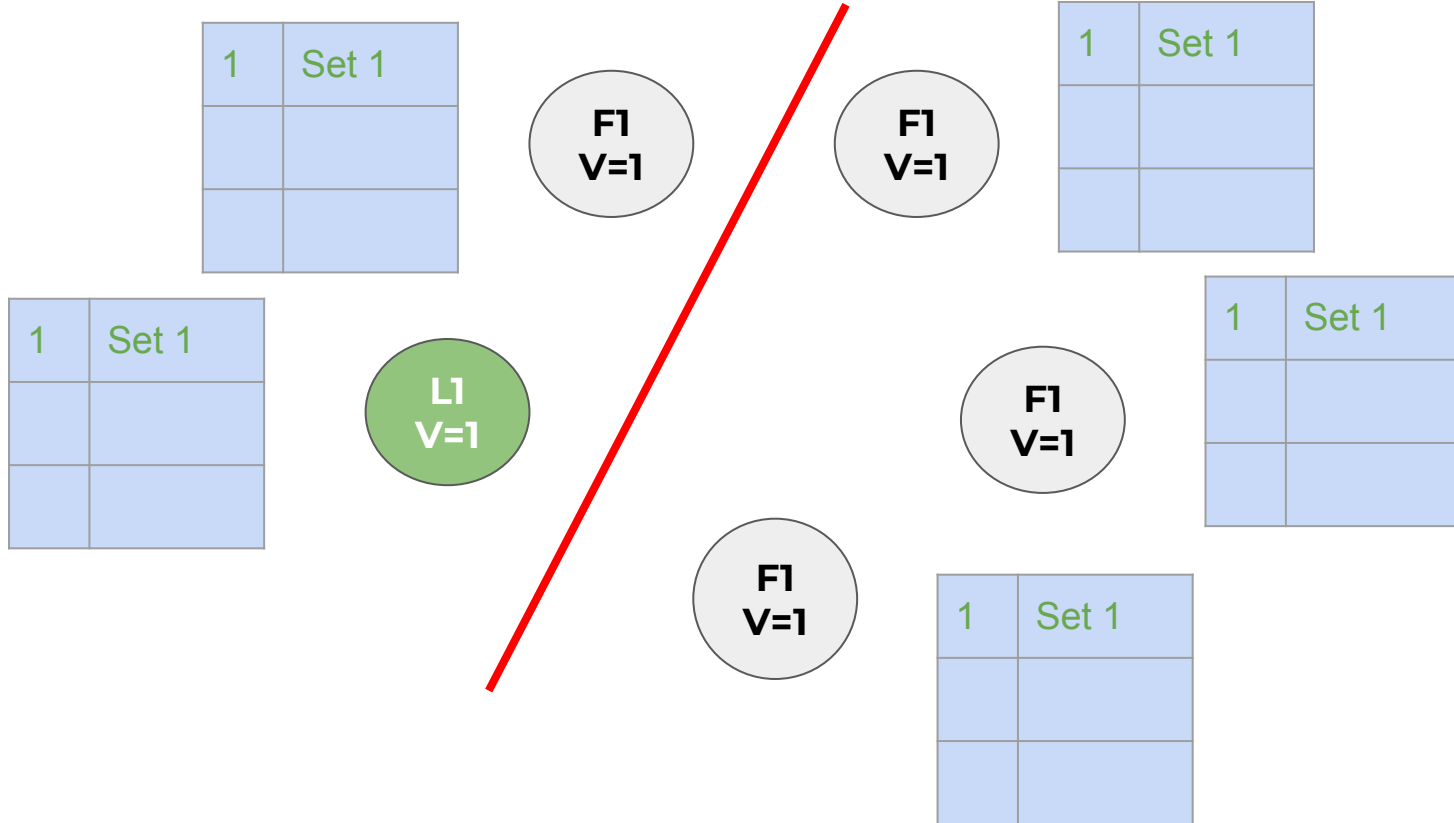


C'est toujours moi  
le chef, **[1] Set 1**  
**validé !**

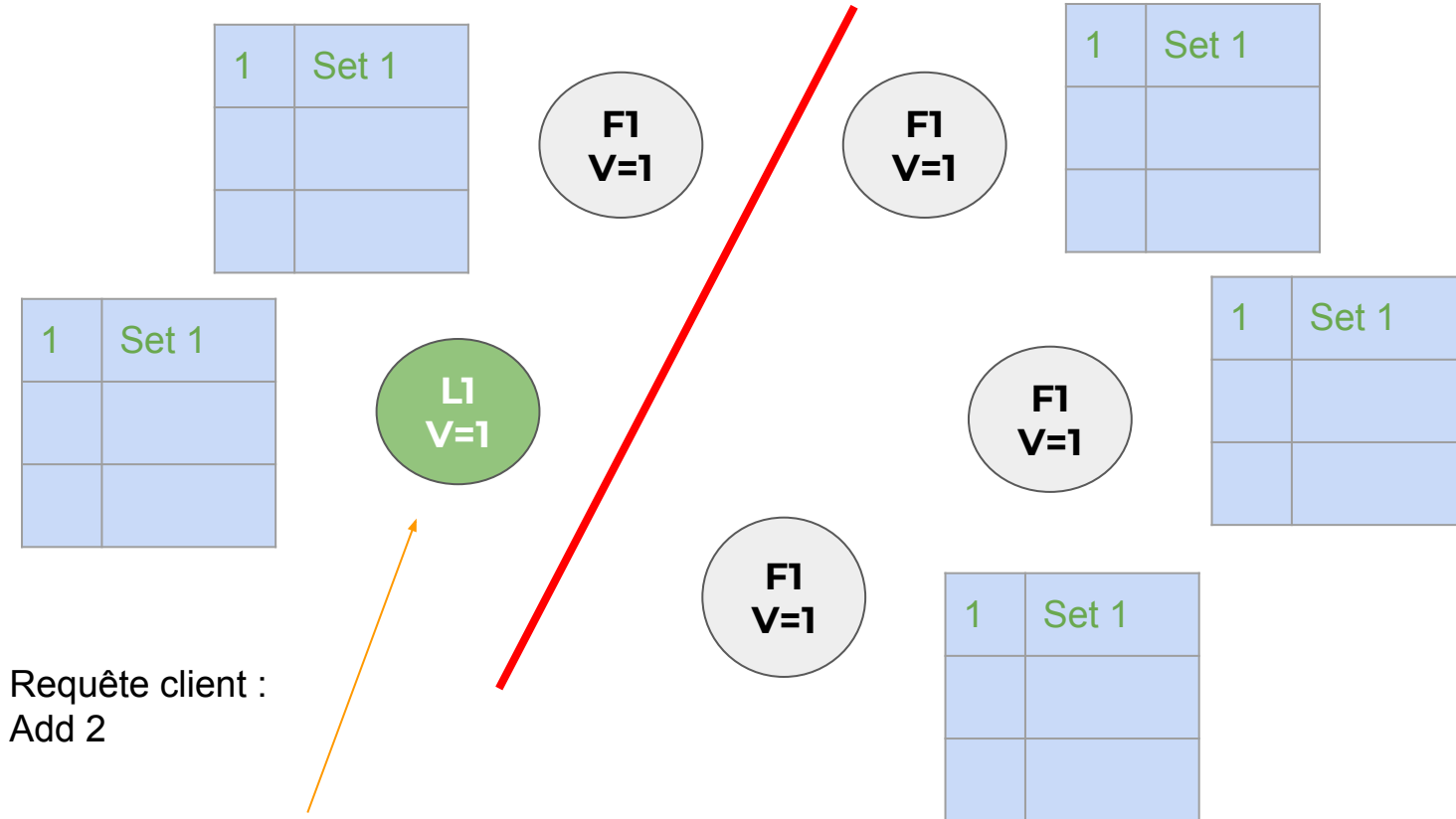
# Réplication des logs



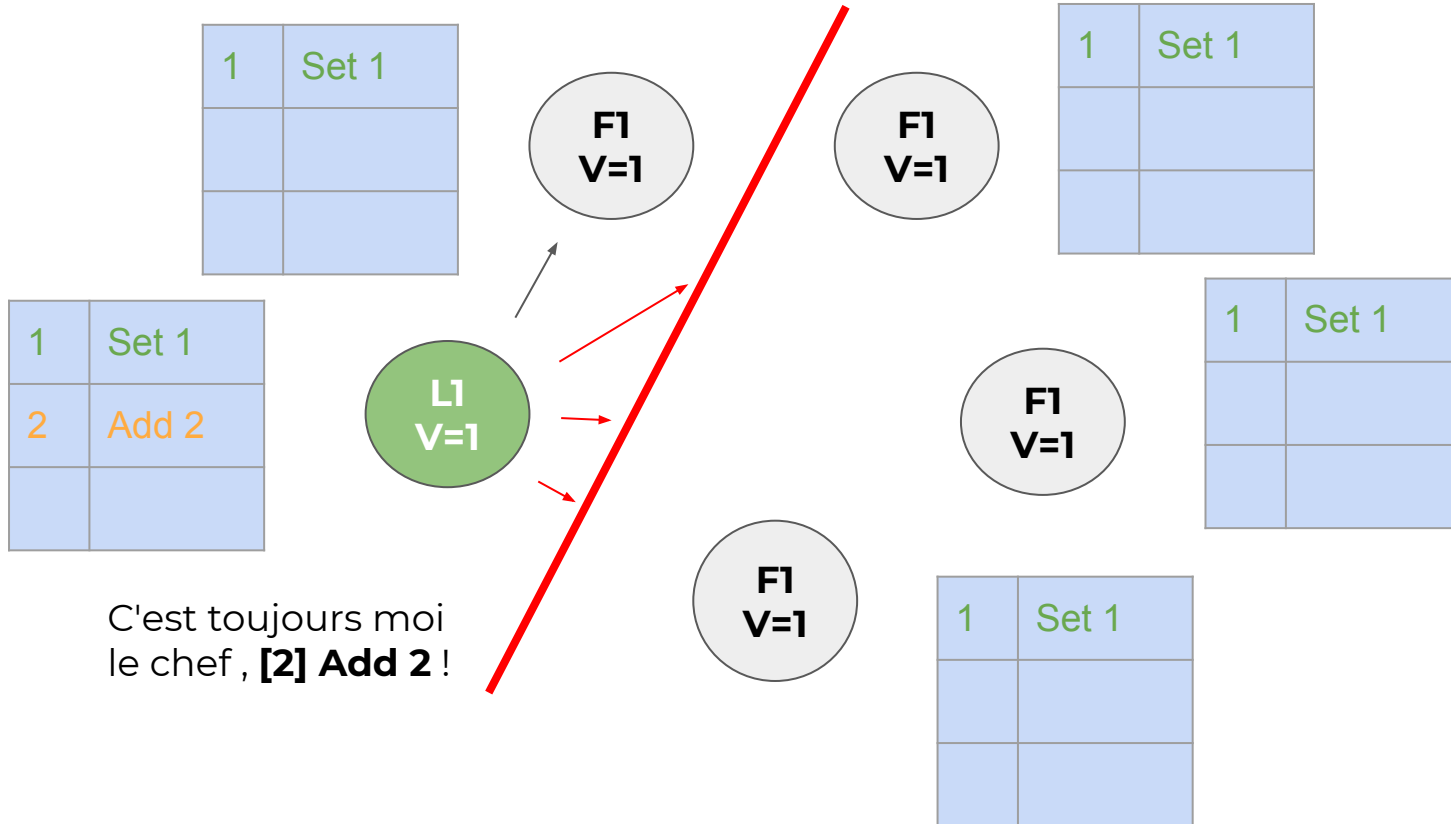
# Scission !



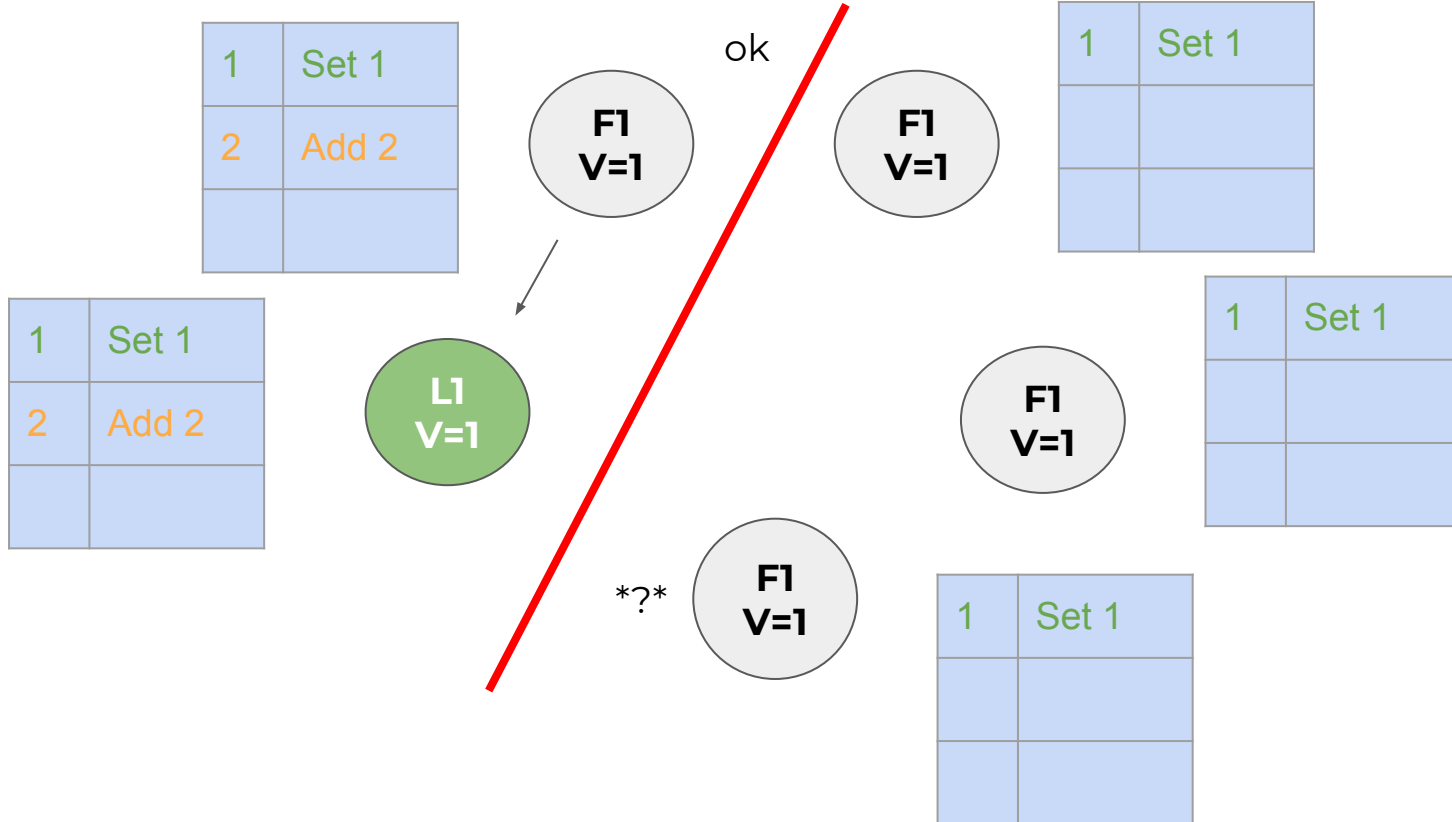
# Scission !



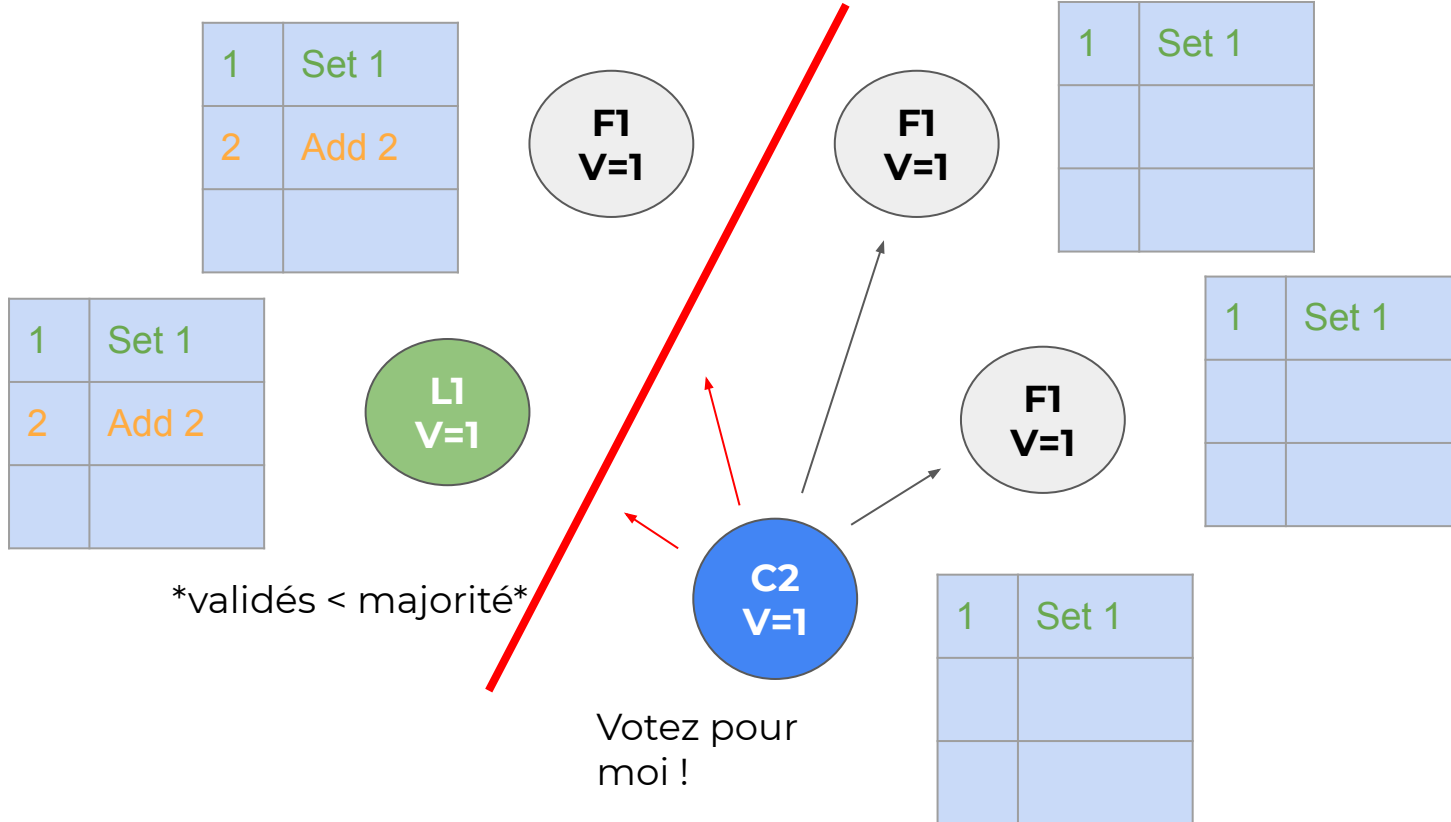
# Scission !



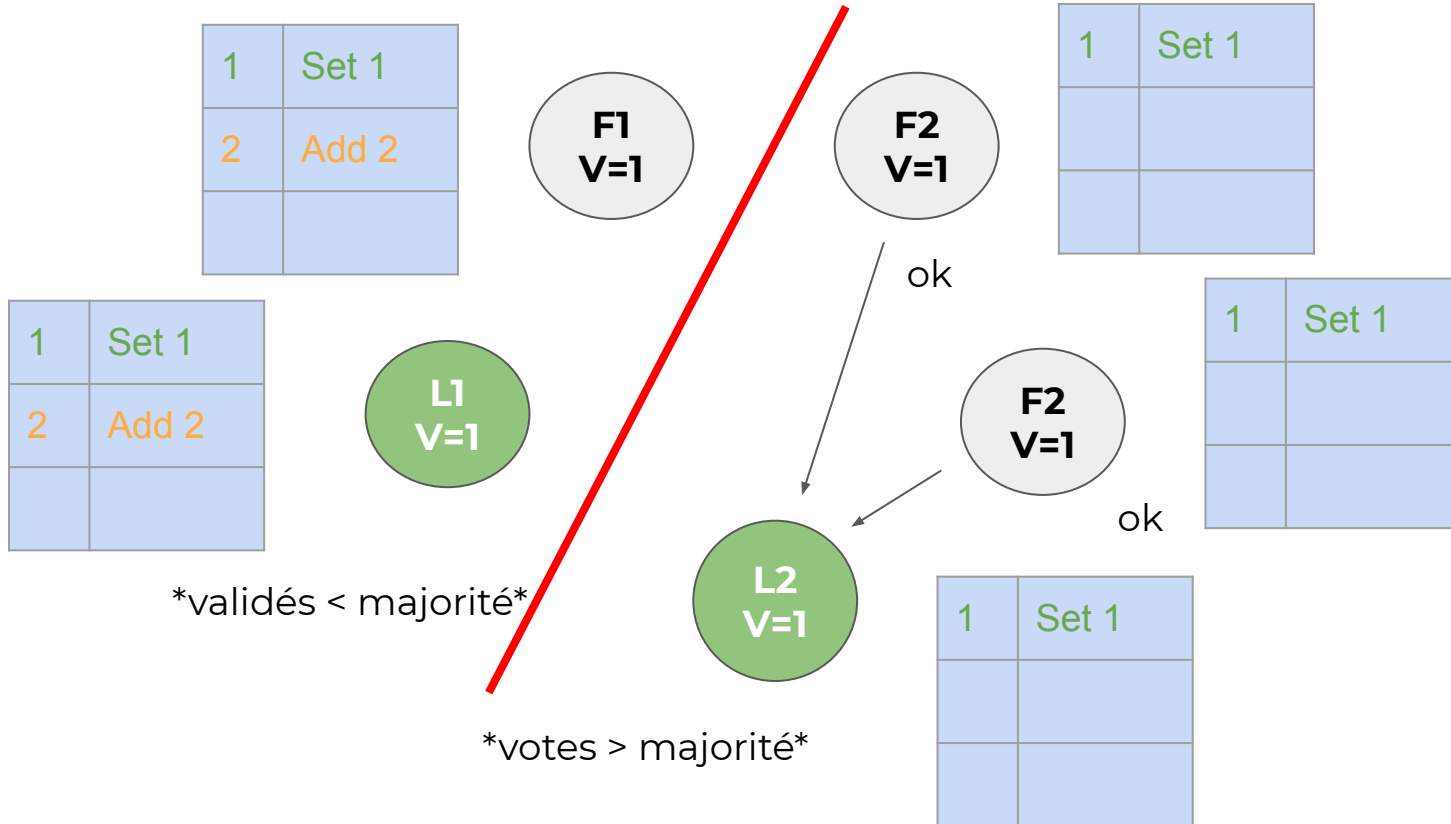
# Scission !



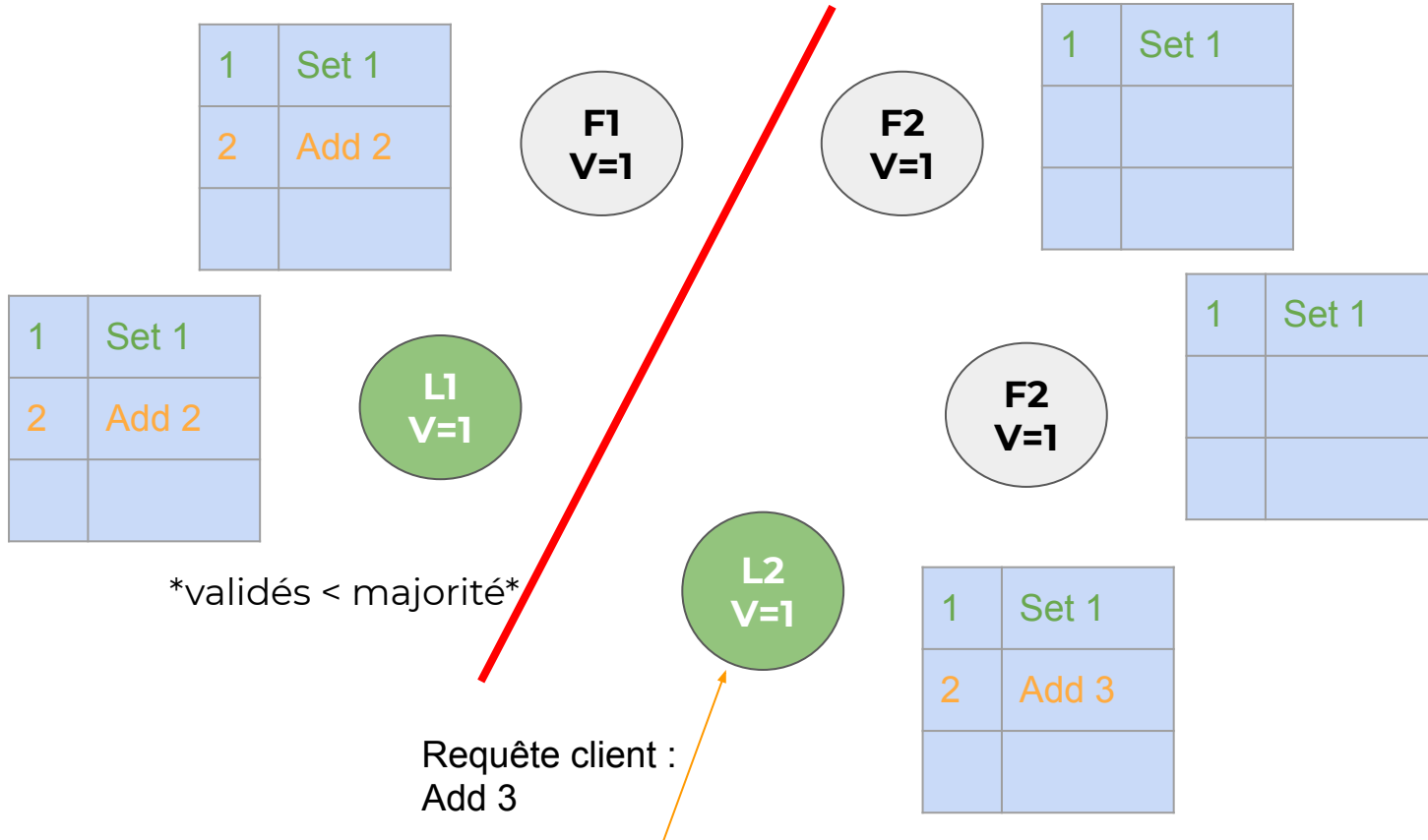
# Scission !



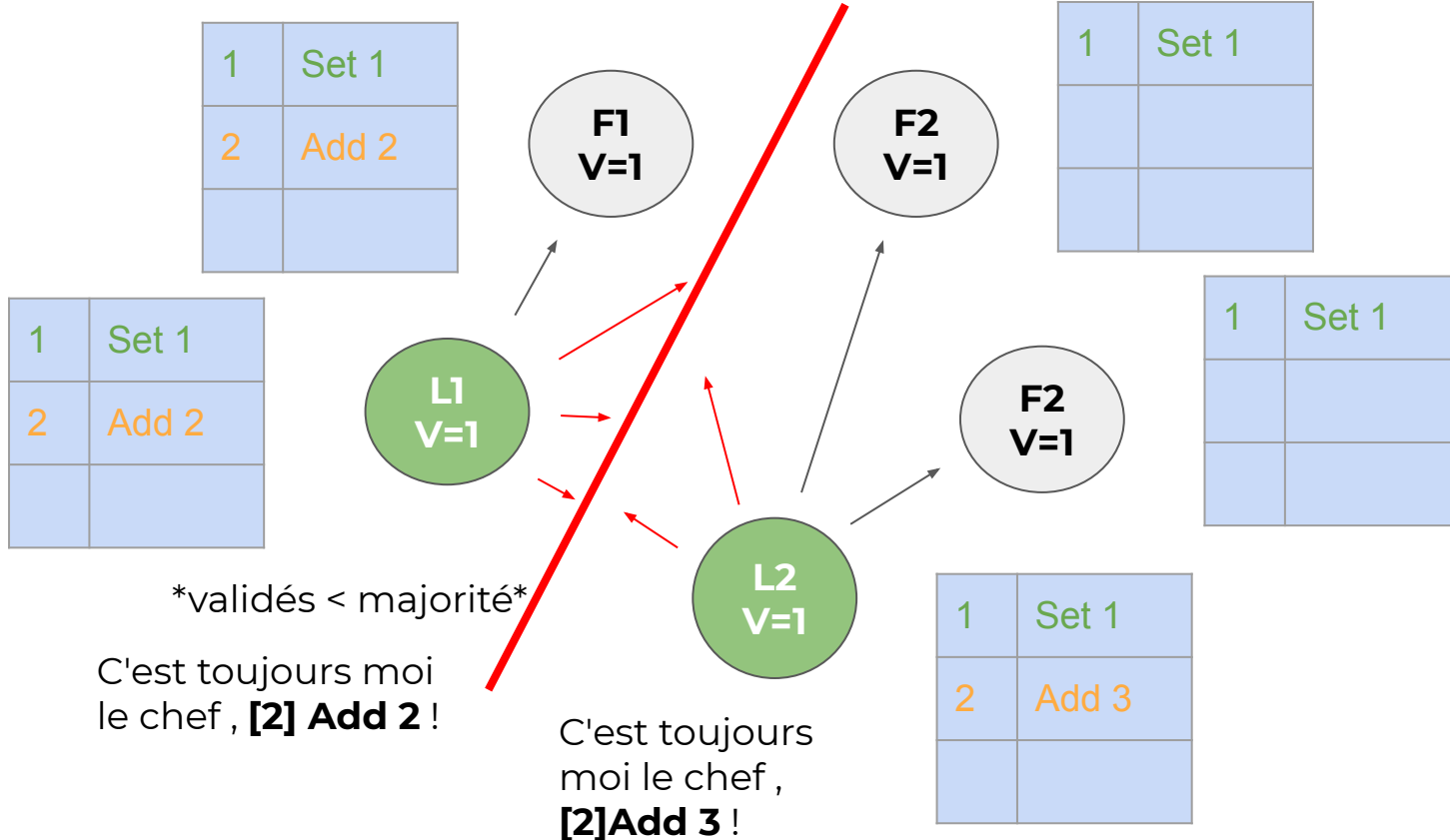
# Scission !



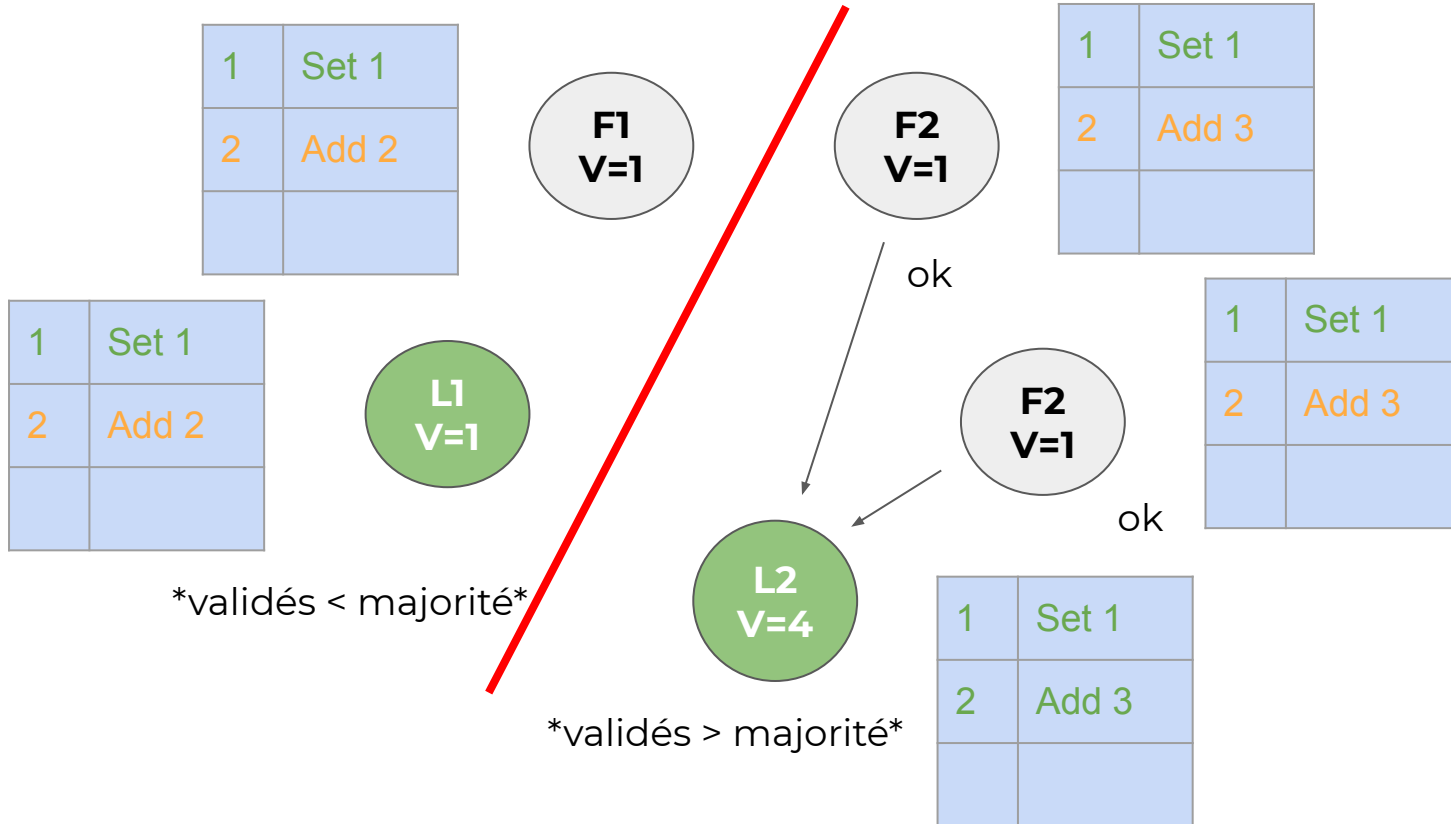
# Scission !



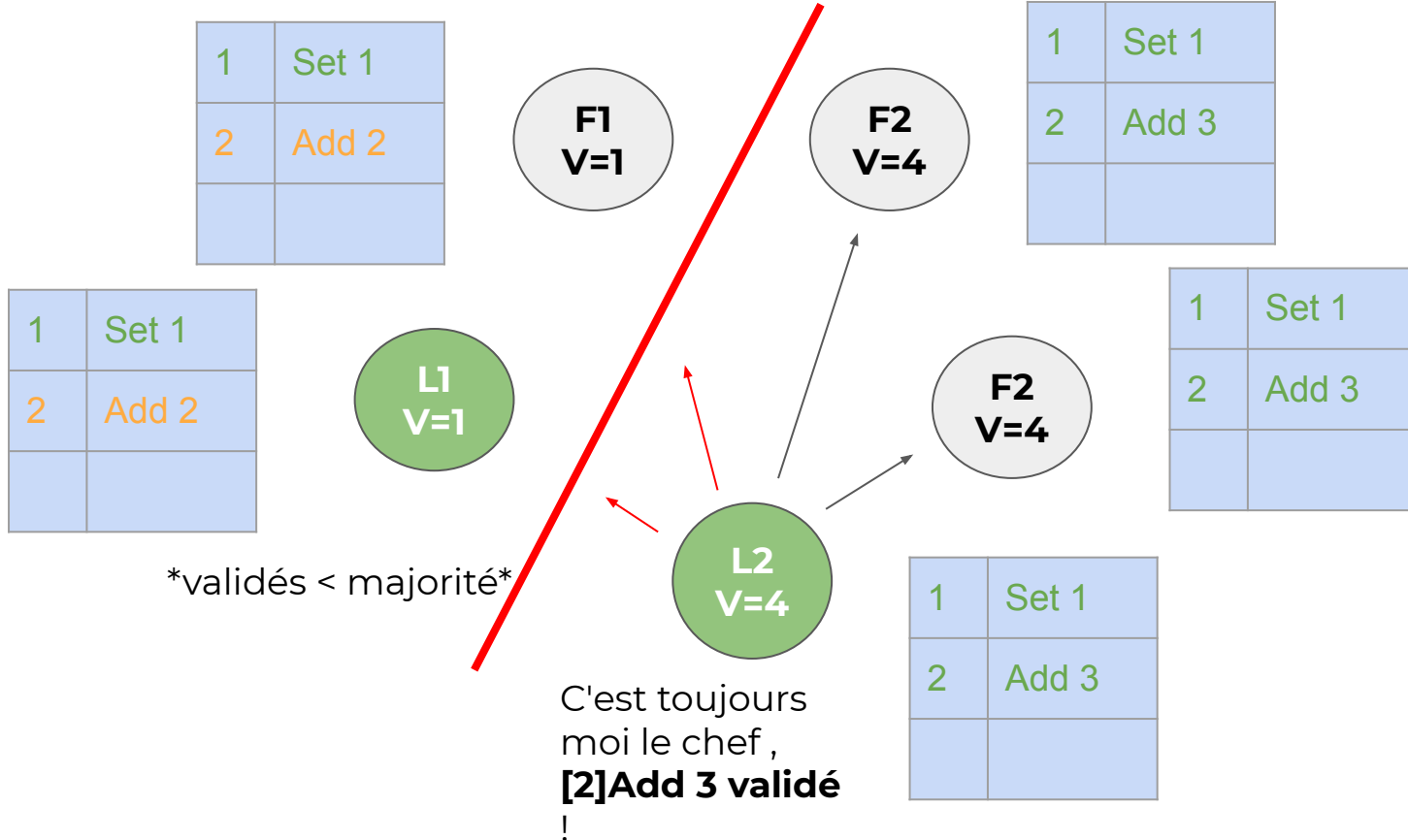
# Scission !



# Scission !

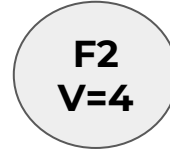
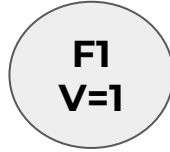


# Scission !



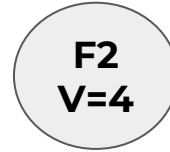
# Réunion !

|   |       |
|---|-------|
| 1 | Set 1 |
| 2 | Add 2 |
|   |       |



|   |       |
|---|-------|
| 1 | Set 1 |
| 2 | Add 3 |
|   |       |

|   |       |
|---|-------|
| 1 | Set 1 |
| 2 | Add 2 |
|   |       |



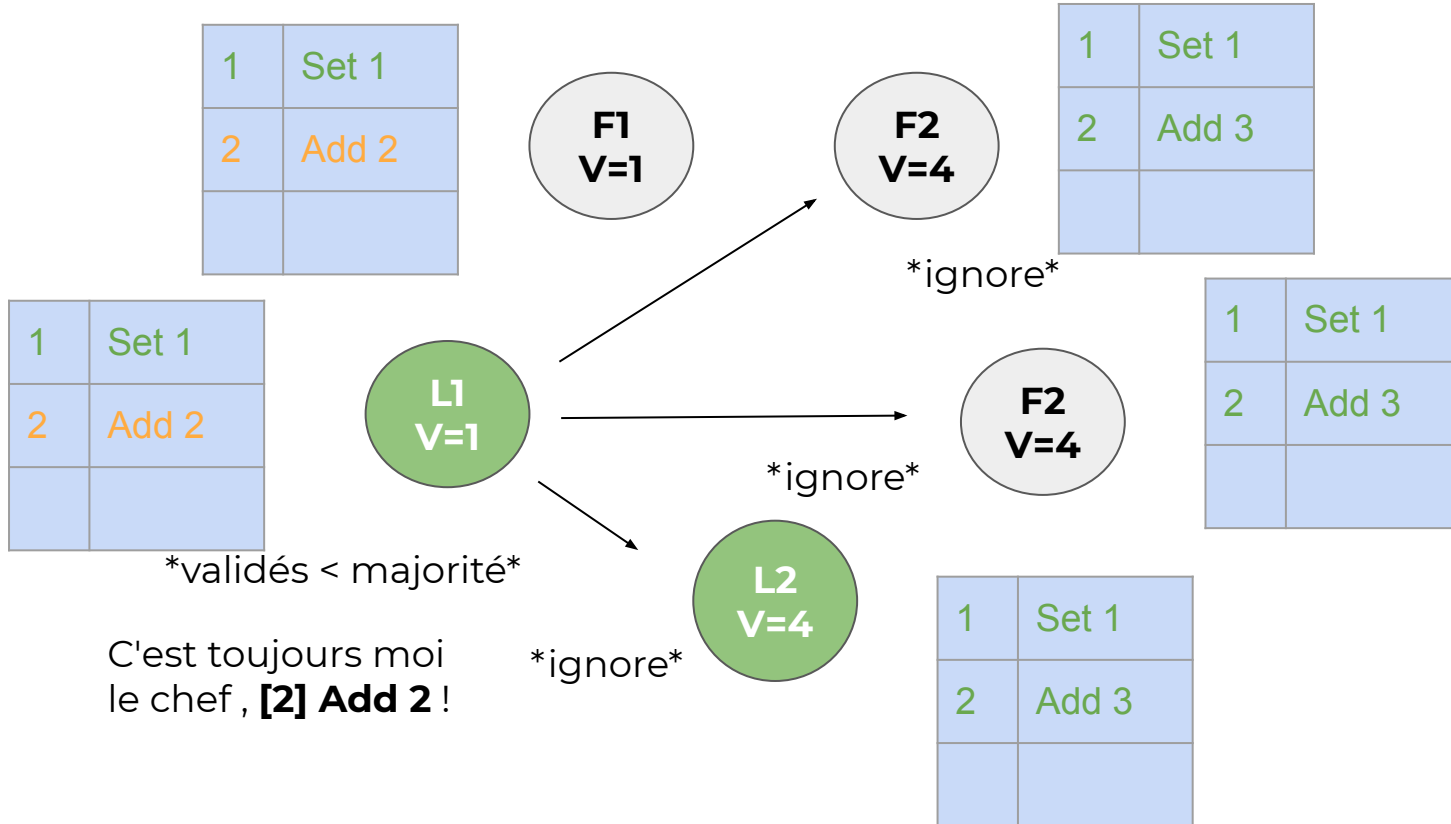
|   |       |
|---|-------|
| 1 | Set 1 |
| 2 | Add 3 |
|   |       |

\*validés < majorité\*

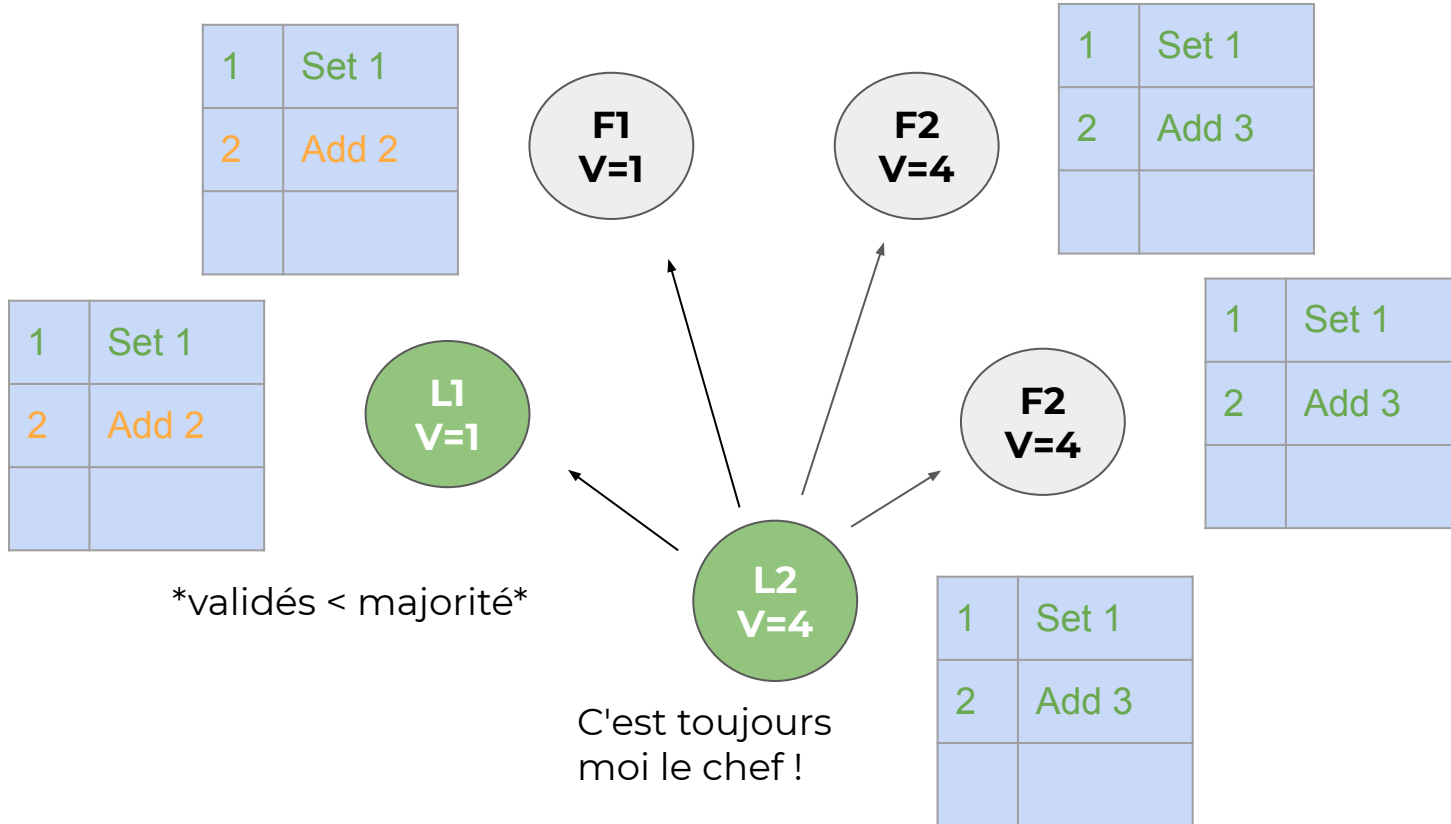


|   |       |
|---|-------|
| 1 | Set 1 |
| 2 | Add 3 |
|   |       |

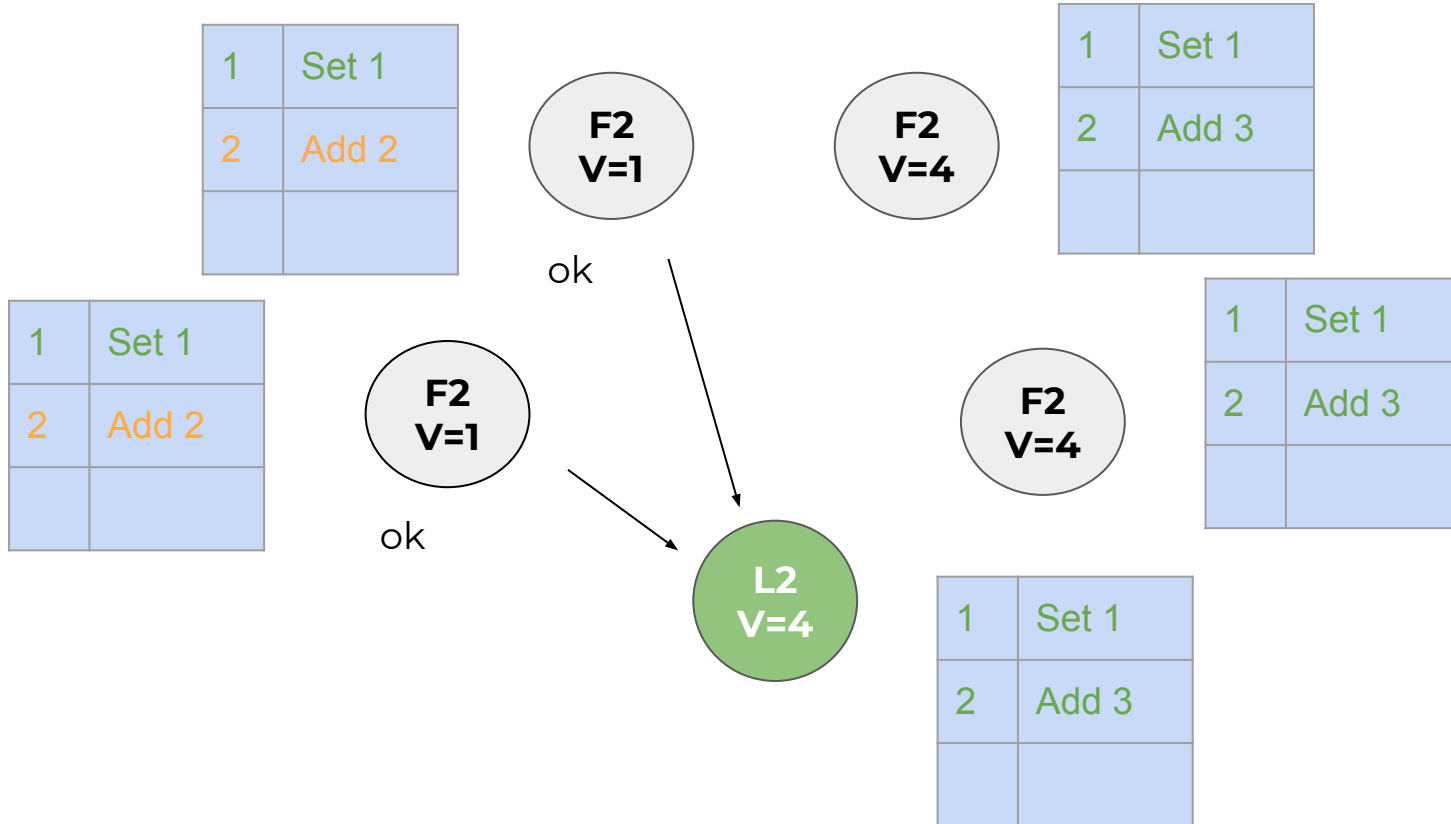
# Réunion !



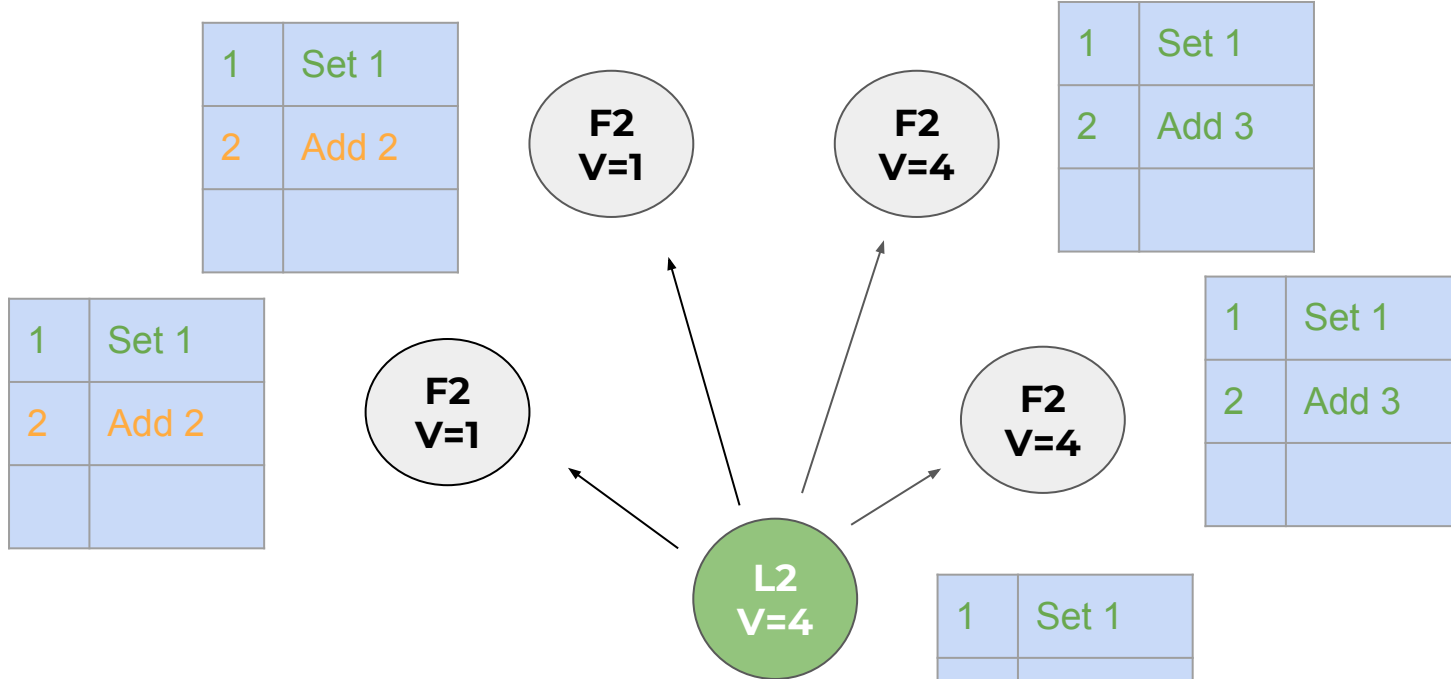
# Réunion !



# Réunion !

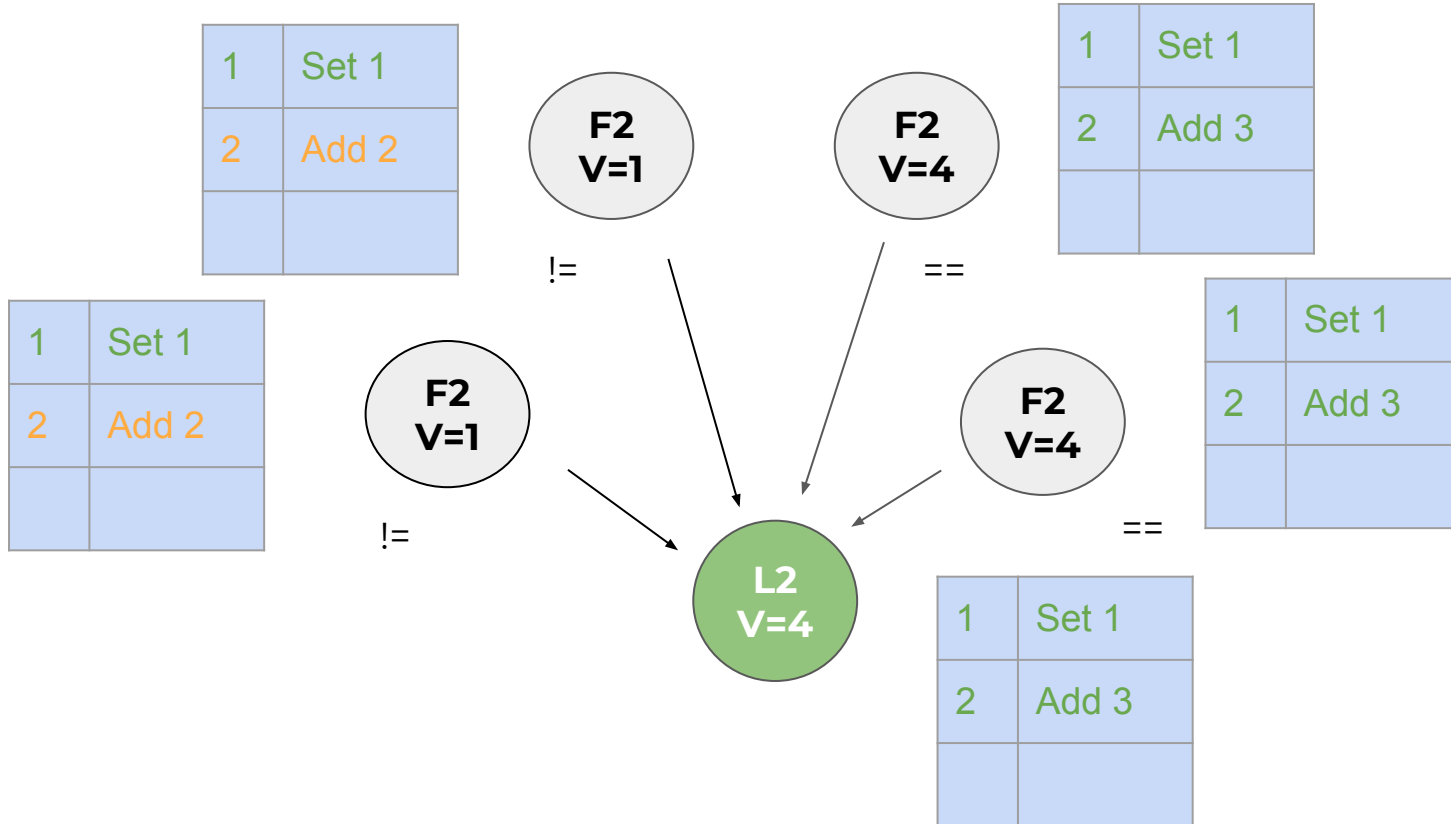


# Réunion !

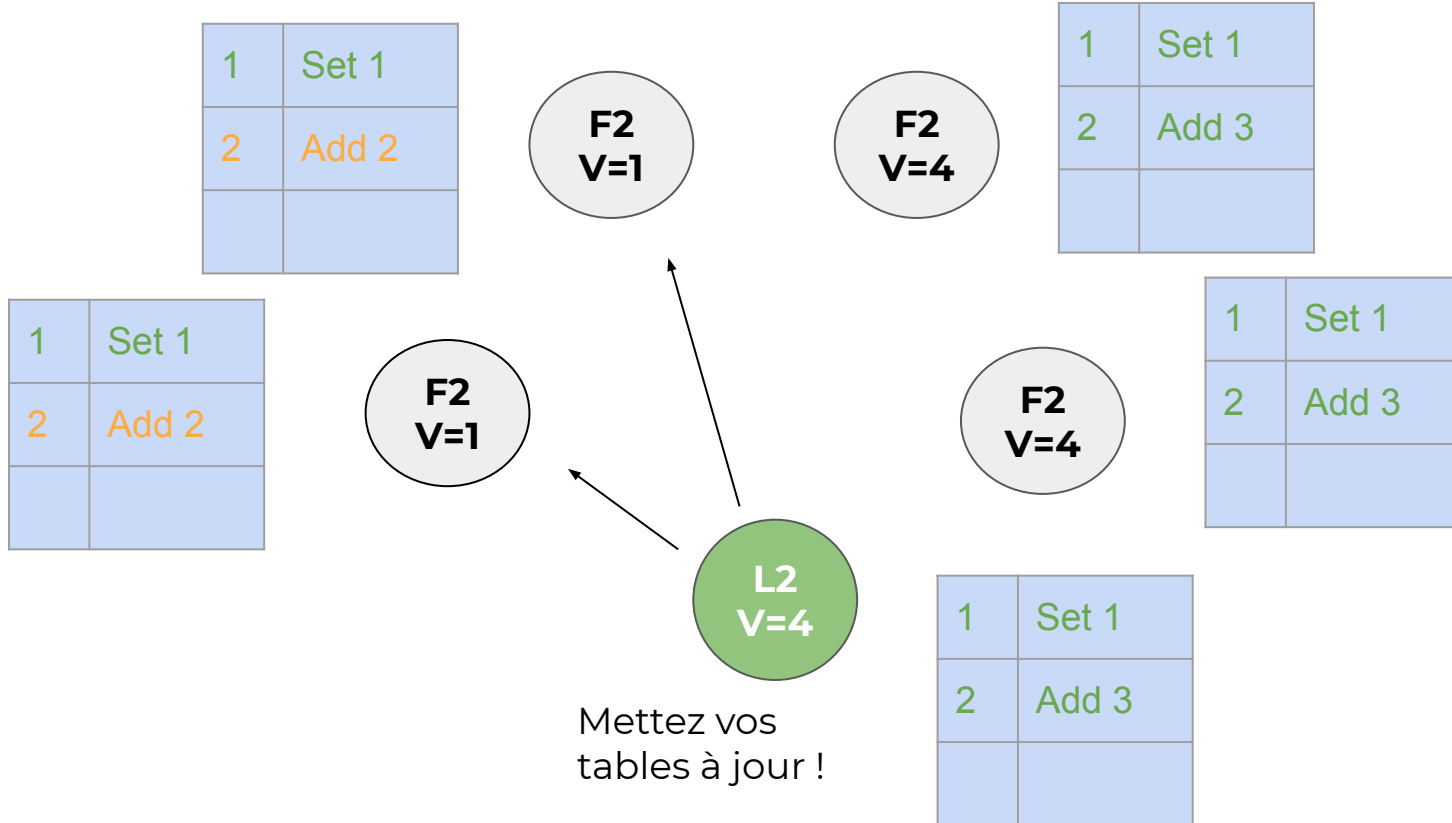


C'est toujours  
moi le chef !  
Vérifiez vos  
tables !

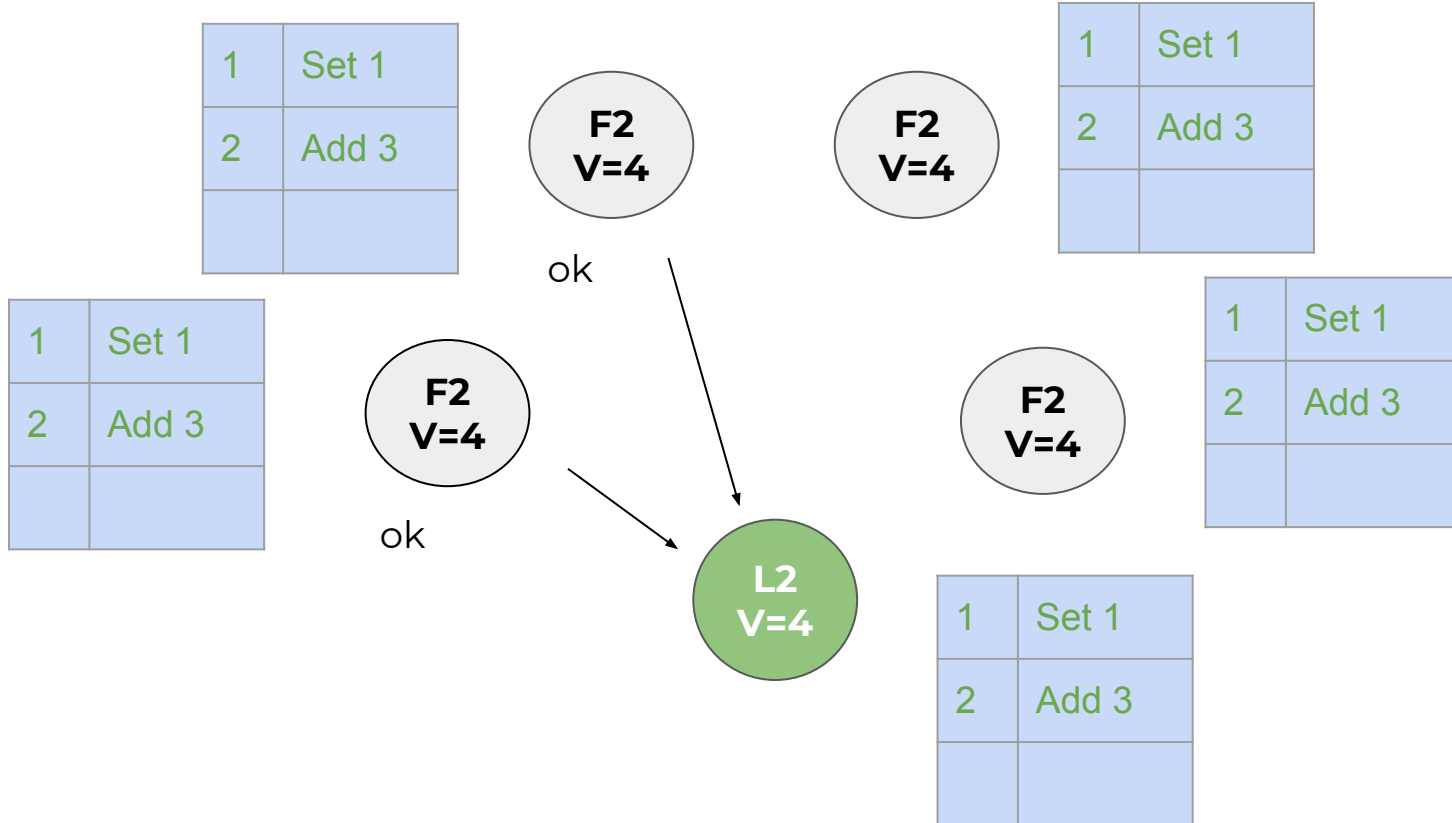
# Réunion !



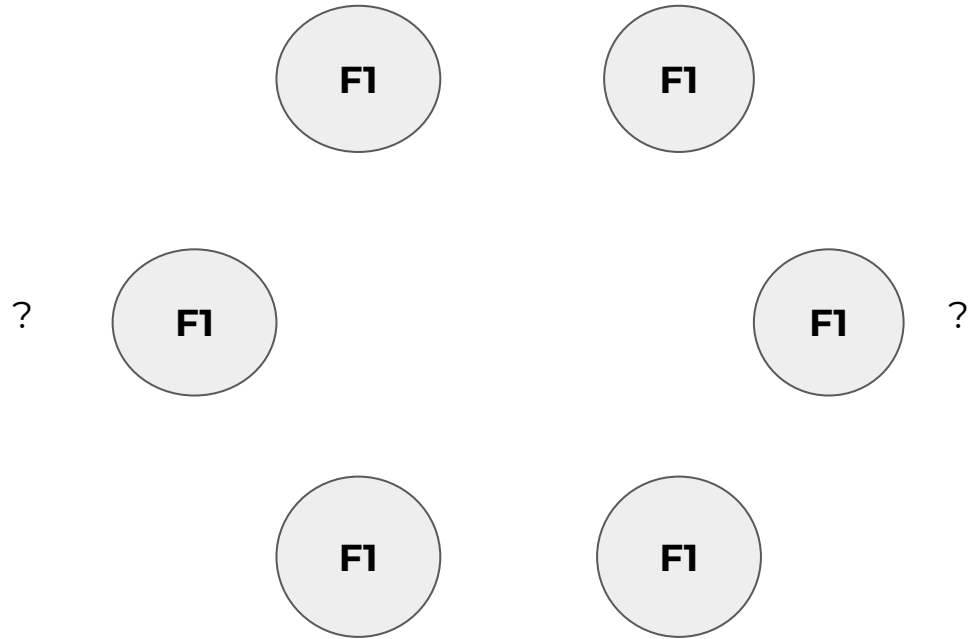
# Unification!



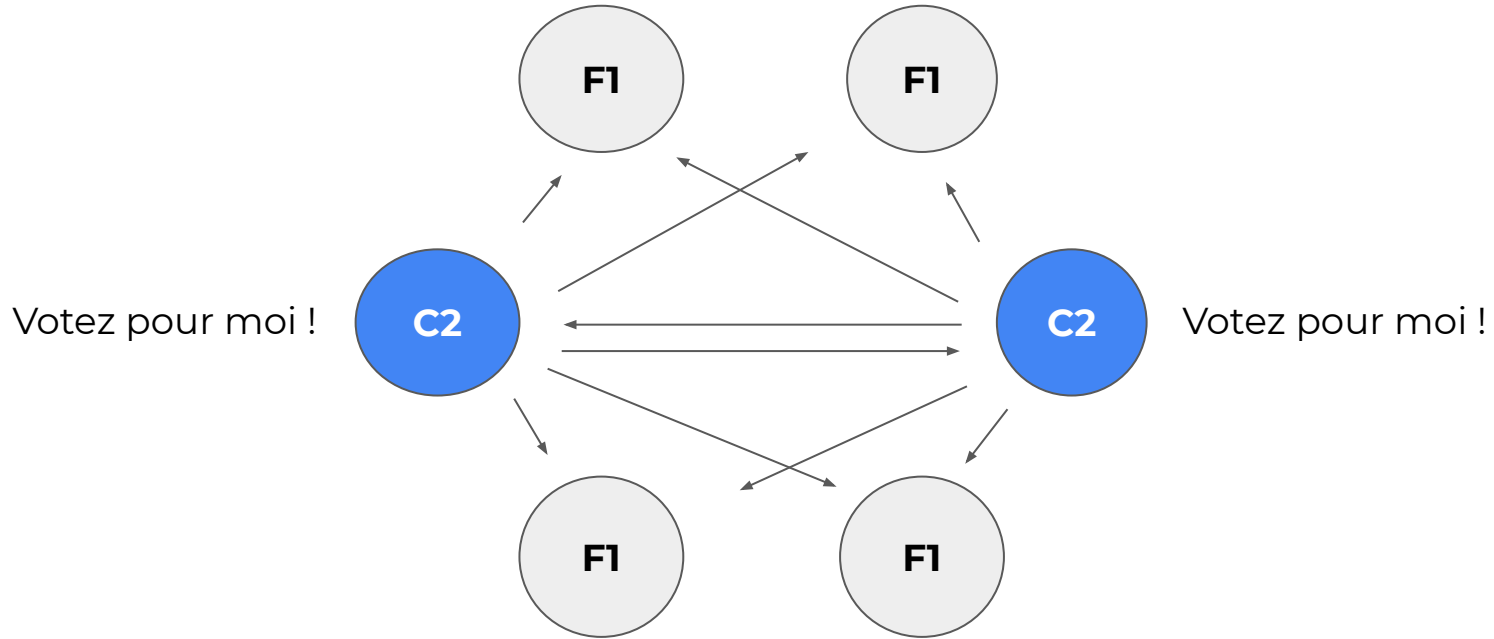
# Unification!



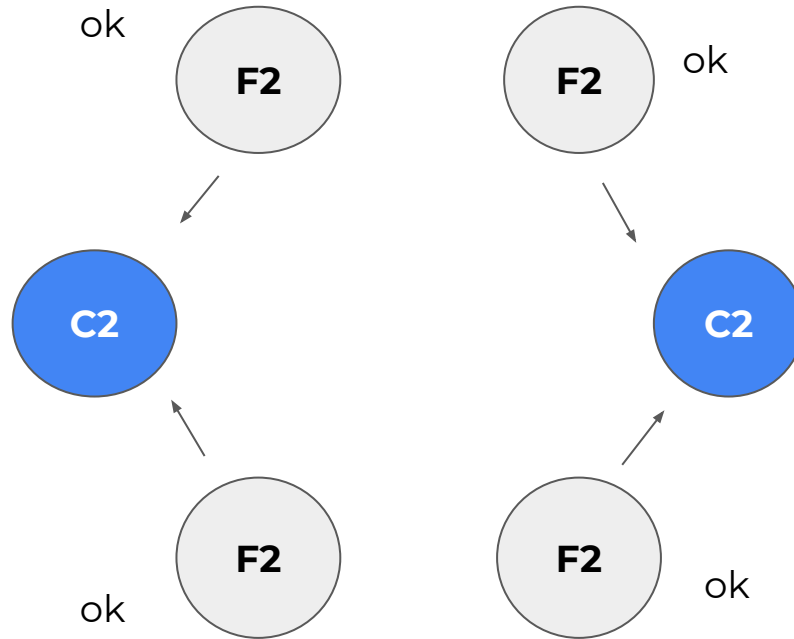
# Candidats simultanés



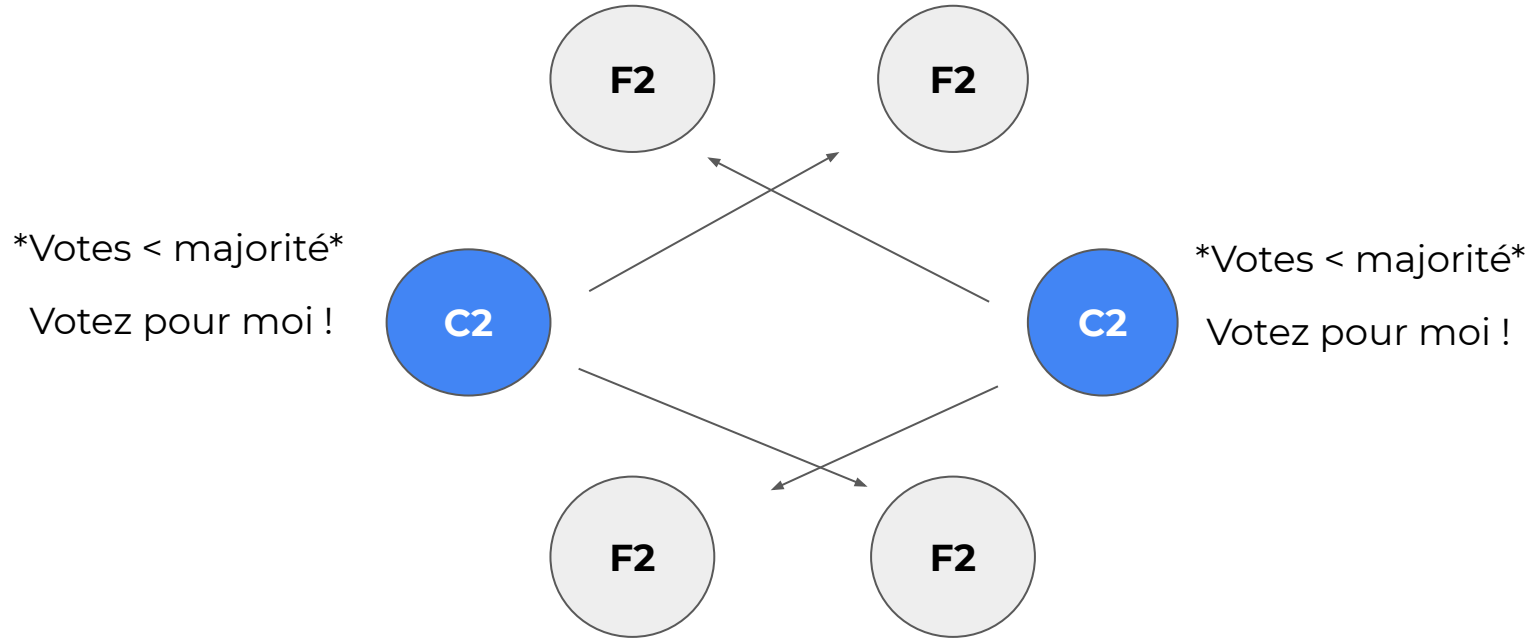
# Candidats simultanés



# Candidats simultanés

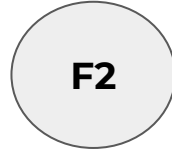


# Candidats simultanés



# Candidats simultanés

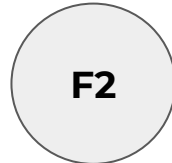
\*ignore\*



\*ignore\*



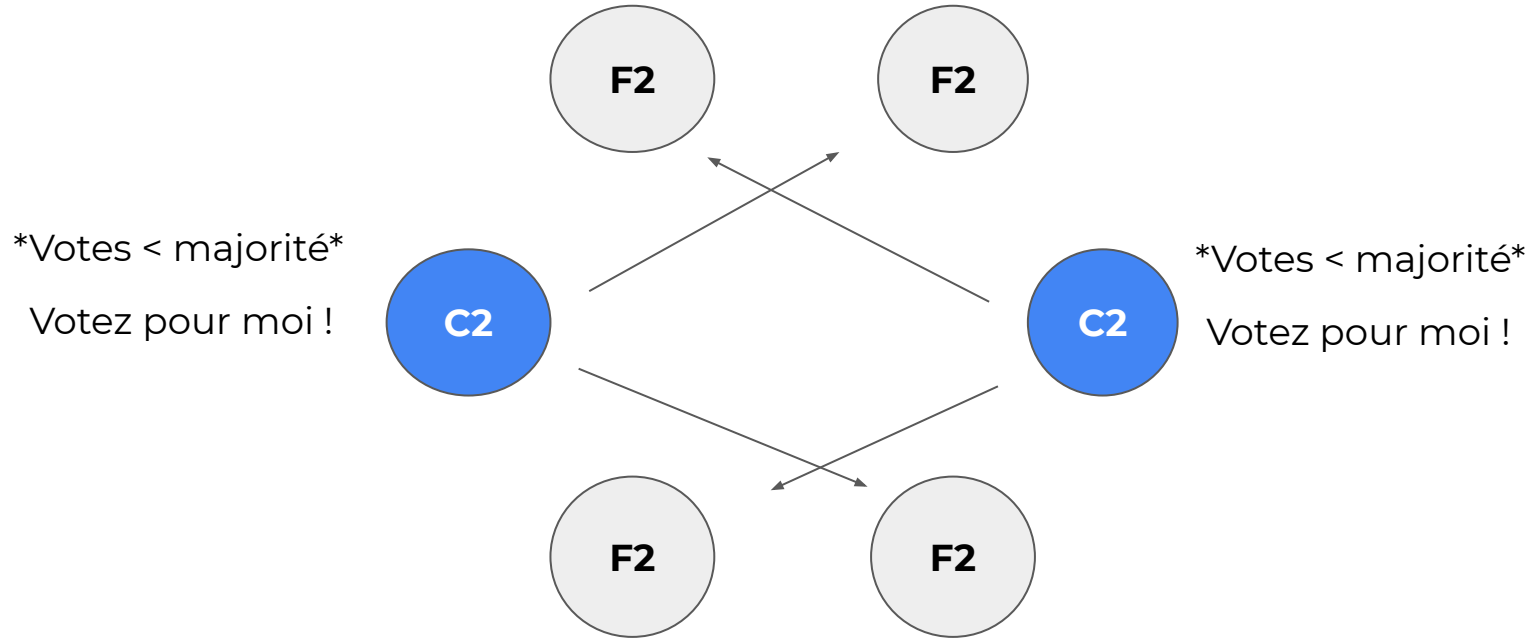
\*ignore\*



\*ignore\*

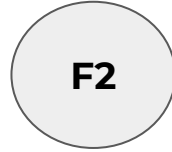


# Candidats simultanés



# Candidats simultanés

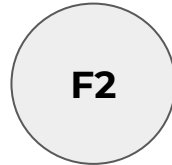
\*ignore\*



\*ignore\*



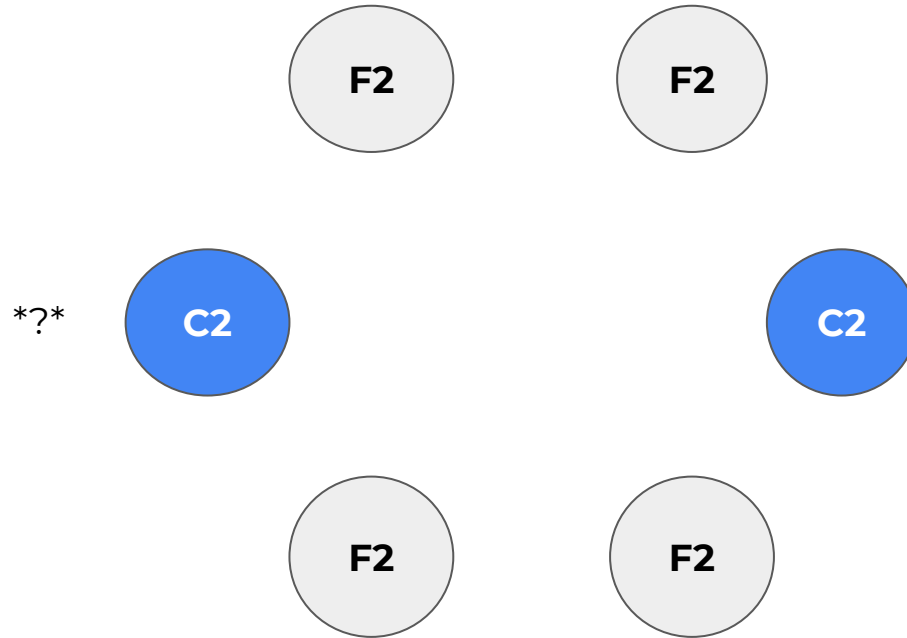
\*ignore\*



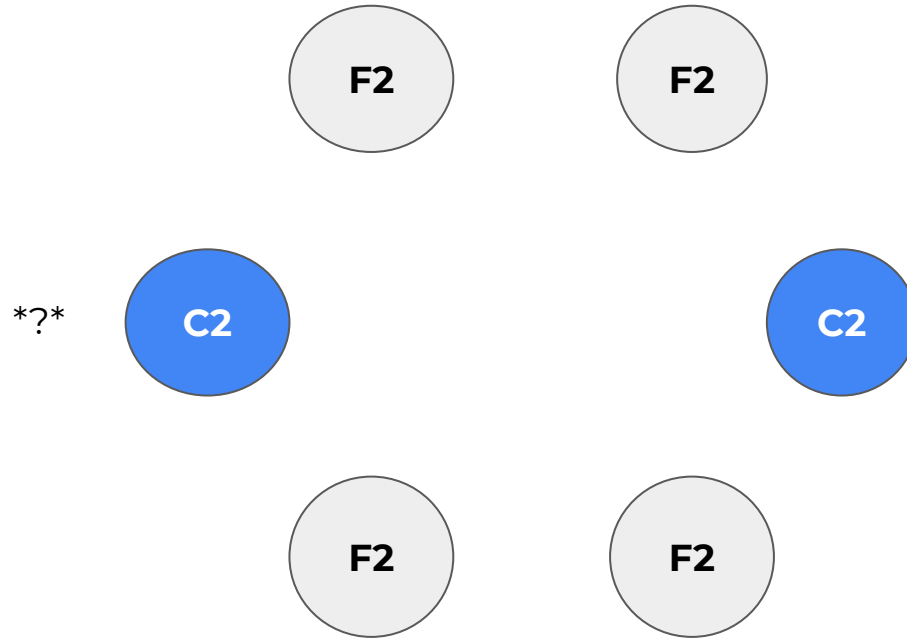
\*ignore\*



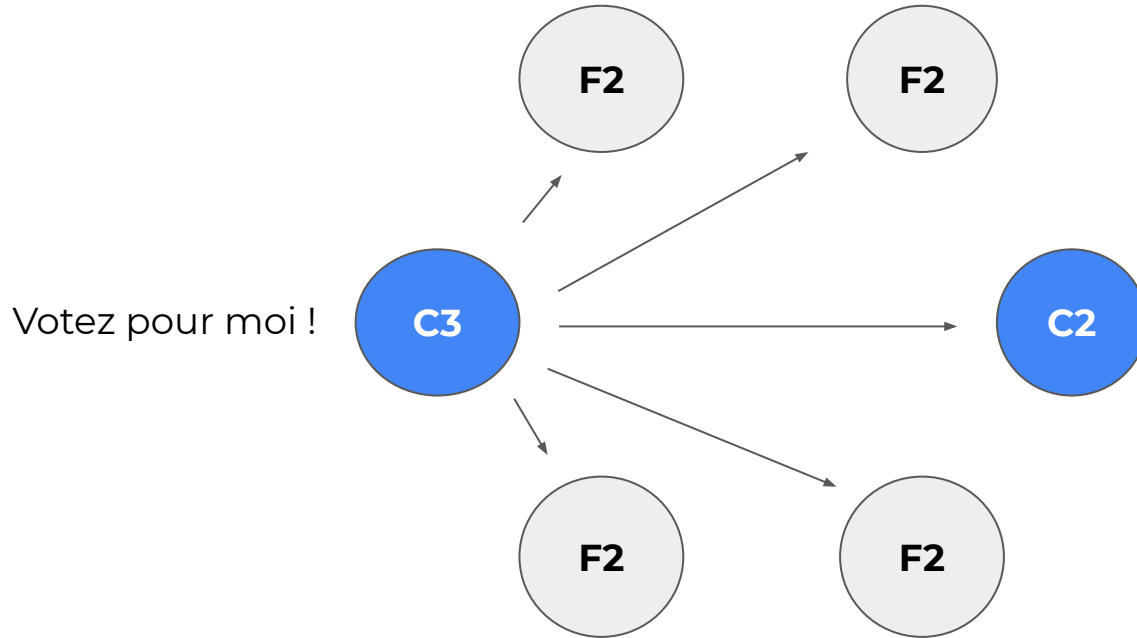
# Candidats simultanés



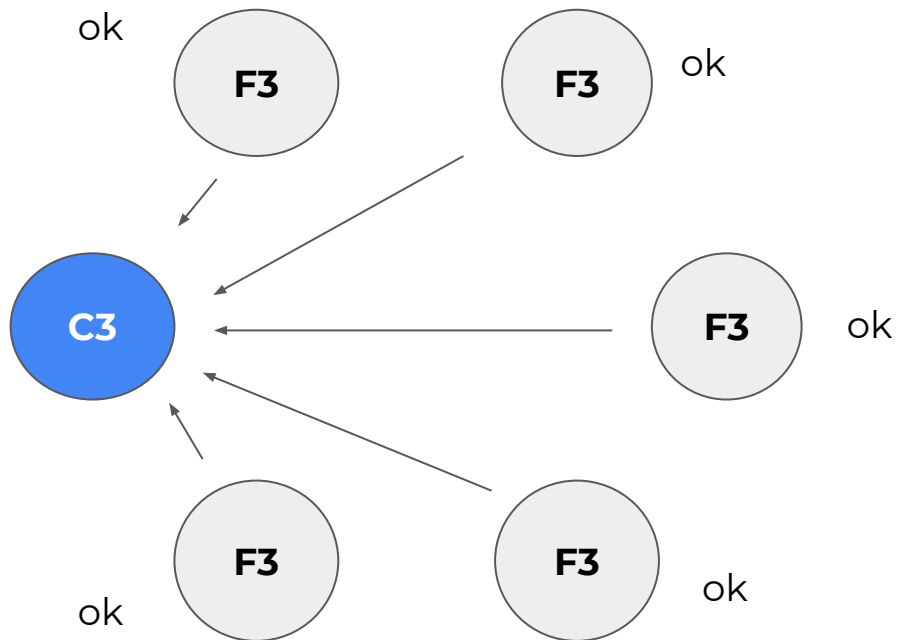
# Candidats simultanés



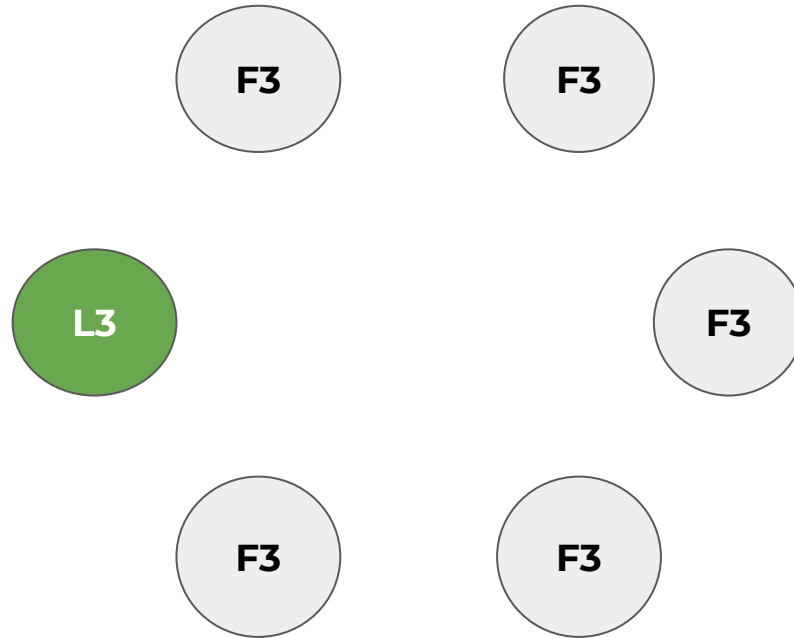
# Candidats simultanés



# Candidats simultanés



# Candidats simultanés



# Candidats simultanés

C'est toujours moi  
le chef !

