## MEMBERSHIP VIEW EXAMPLE:

COORDINATOR + Creates the membership view

- \* oldest locator or server if locator is not running
- + oldest member announces that it is becoming the coordinator to the cluster

This member is becoming the

membership coordinator

VIEW IDENTIFIER

- -integerincrease by 1
- -unless change in co-ordinator then 5 + (random (0,10))

member list → oldest

to the newest

oldest non locator member

MEMBERSHIP IDENTIFIERS

10.118.94.5 (genfire4\_host1:14476:locator/kec) < vo):1024

INetAddress

Name Process

Member ec

preferred it was membership to be in the bart coordinator initial

port

calculation

extra weight in quorum

LEAD MEMBER

USES OF MEMBERSHIP bistributed lock service

- -to find the elder member
- -which recovers granted lock state if the lock grantor crashes
- Function Execution
- find out who is in the duster
- · Message Distribution
- -P2Pmessaging system will give up trying to send Message OR stop waiting for replies if member is not in the view anymore

Kegion Creation -

- -find out who has the same region
- forms Distribution Advisor
  - -tracks +/- of modes

- invokes listeners for these

sometimes can be hostname ANATOMY brepares the creation of

MEMBERSHIP MEMBERSHIP WEIGHTS

INSTALL VIEW MESSAGE

MEMBERSHIP ISTENERS IN VOKED

LOCATORS - 3

LEAD-15

SERVERS-10

In partition, the sub-group with 51%+ weight of last installed will survive.

respond, they

MBERSHP MEMBI

the new membership view

in the View Creator thread

MEM BERS

Cluster readu