

Diagrams of Proposed MBeans

Overall MBean Model

Note: The following is missing the LocatorMBean (any member hosting a locator will have a LocatorMBean including standalone locators and members with an embedded locator).

Figure 2.3.
[blocked URL](#)

Below is an example of how the new MBeans would look within JConsole based on the currently spec'ed ObjectNames for each MBean. The overall strategy is to organize things in a top-down hierarchical way, such that you could drill down into Member -> Region -> region1 and then see all the members that have that region. JConsole uses just the value portion of the key=val pairs that make up the MBean's ObjectName. But when looking at the complete ObjectName it includes the key as well and is thus self-describing.

```
+GemFire
+Management --> ManagementMBean
+Distributed
+System --> DistributedSystemMBean (aggregate)
+Region
+region1 --> DistributedRegionMBean (aggregate)
+region2 --> DistributedRegionMBean (aggregate)
+LockService
+GatewayHubImpl-1 --> DistributedLockServiceMBean (aggregate)
+DTLS --> DistributedLockServiceMBean (aggregate)
+PERSISTENCE_region1 --> DistributedLockServiceMBean (aggregate)
+ServerGroup
+group1 --> ServerGroupMBean
+Member
+member1 --> MemberMBean
+member2 --> MemberMBean
+ClientService
+2090
+member1 --> ClientServiceMBean
+2091
+member2 --> ClientServiceMBean
+DiskStore
+diskstore1
+member1 --> DiskStoreMBean
+member2 --> DiskStoreMBean
+LockService
+GatewayHubImpl-1
+member1 --> LockServiceMBean
+DTLS
+member1 --> LockServiceMBean
+member2 --> LockServiceMBean
+PERSISTENCE_region1
+member1 --> LockServiceMBean
+member2 --> LockServiceMBean
+Region
+region1
+member1 --> RegionMBean
+member2 --> RegionMBean
+region2
+member2 --> RegionMBean
+GatewayReceiver
+hub1 (gatewayHub)
+1 (gateway)
+member1 --> GatewayReceiverMBean
+GatewaySender
+hub1
+1
+member1 --> GatewaySenderMBean
+Locator
+member2 --> LocatorMBean
```