

Container decides  
it needs more  
instances in the  
pool to service  
clients

**Bean instance  
does not exist**

1. newInstance()
2. Dependency injection, if any
3. PostConstruct callback, if any

PreDestroy callback, if any

Container decides  
it does not need so  
many instances in  
the pool anymore

**Pool of equivalent,  
method-ready  
bean instances**

Message listener method

Timeout callback method

Message listener  
method defines the  
action resulting from  
client message  
arrival

Timeout callback  
method can be called  
on a bean instance  
in this state

