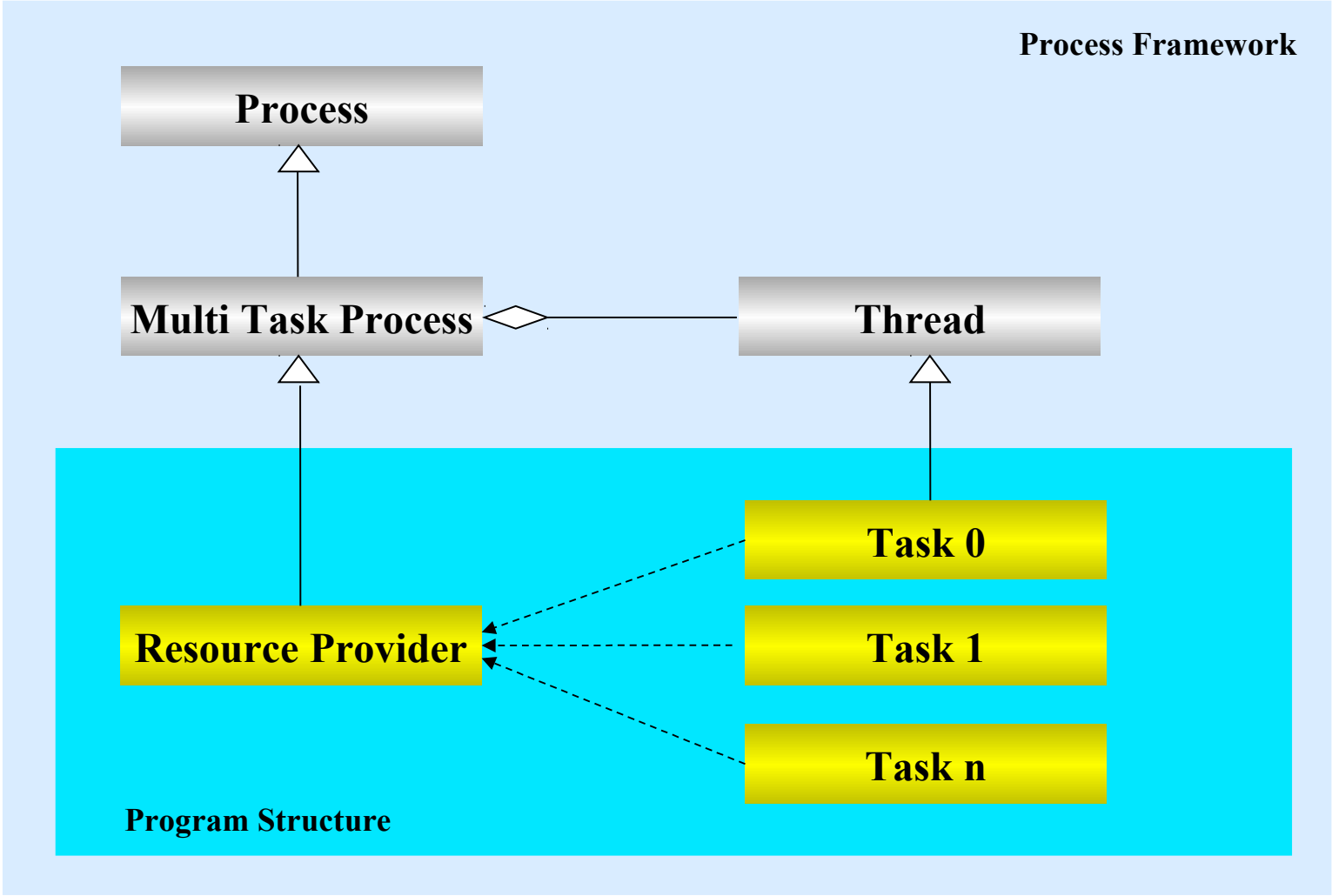
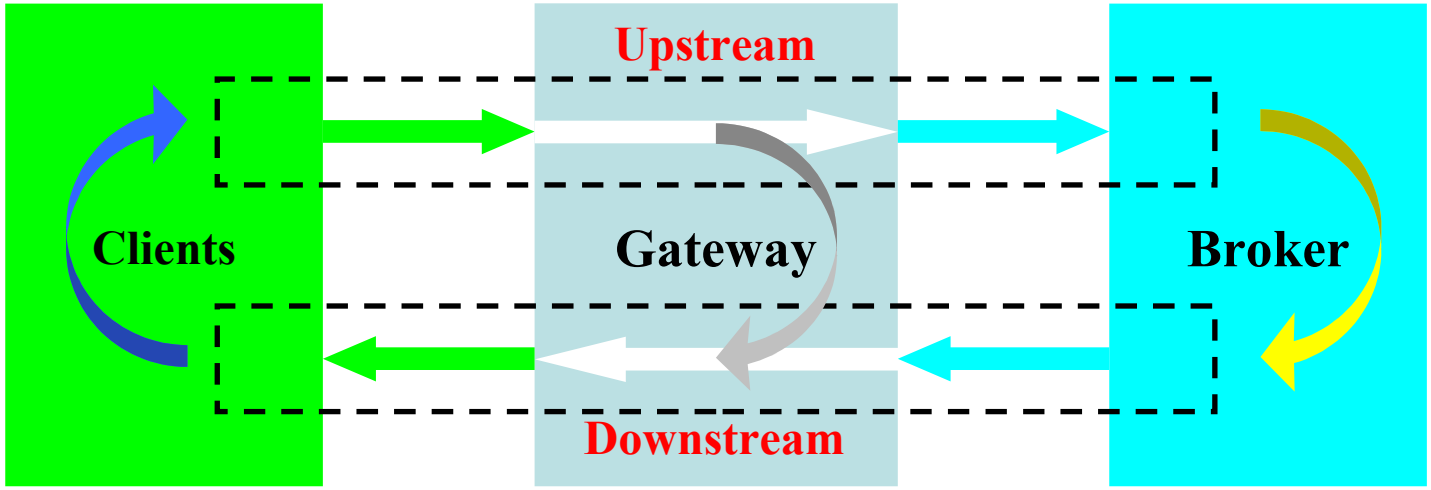

Process Framework
Process
Multi Task Process
Thread
Task 0
Resource Provider
Task 1
Task n
Program Structure

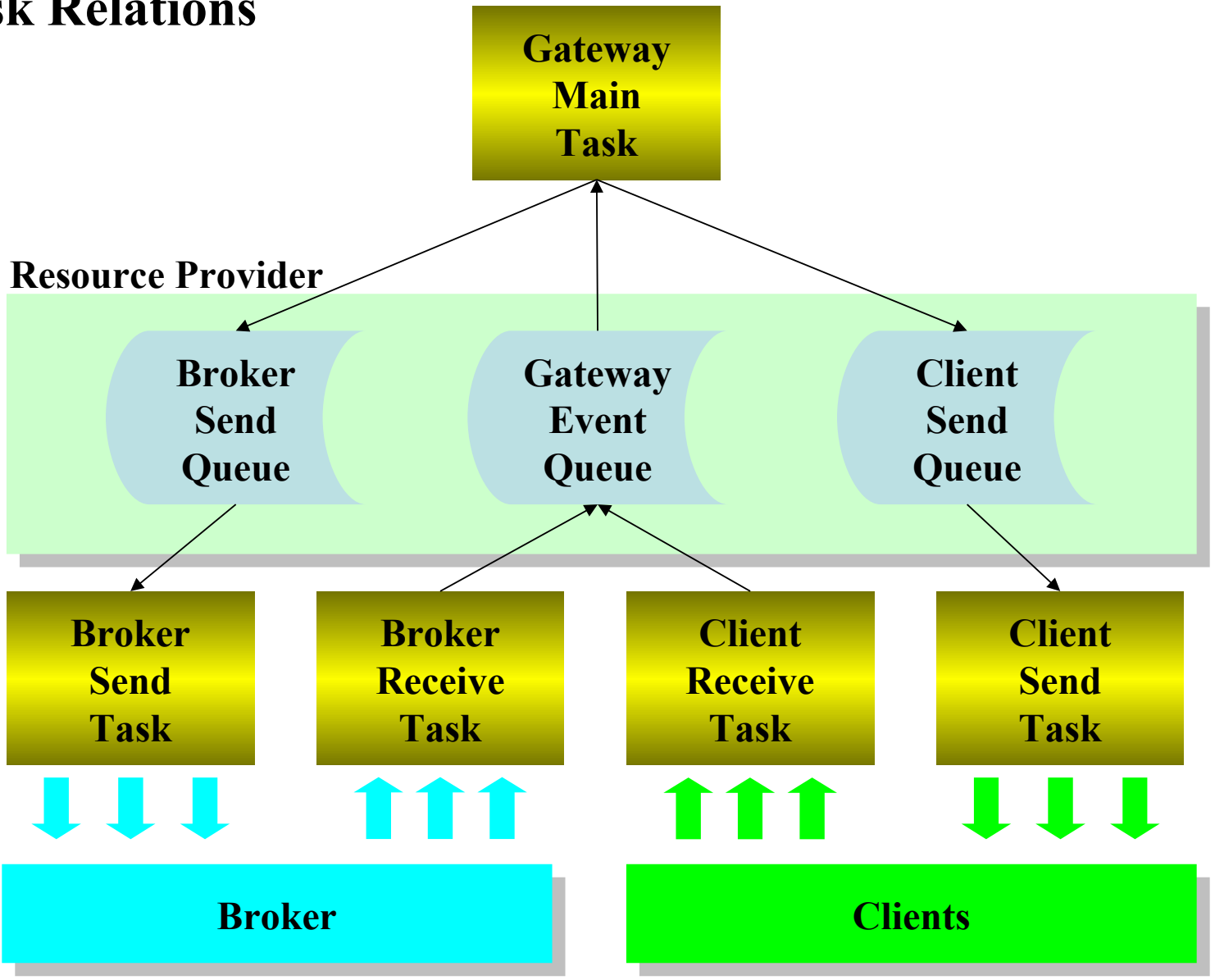
Concept of the Gateway



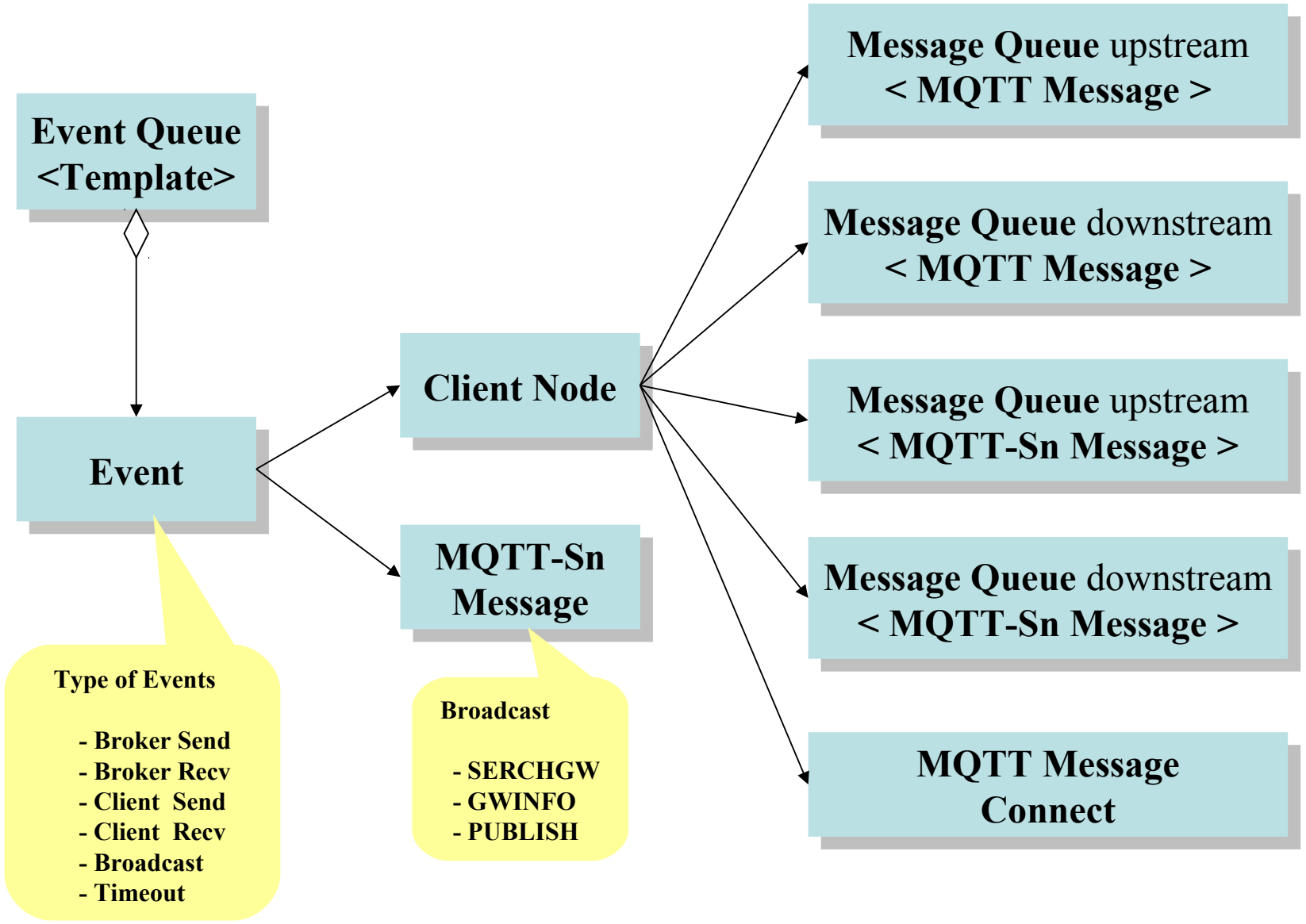
Upstream (Client)		Downstream (Gateway)
SERCHGW	→	GWINFO
REGISTER	→	REGACK
REGACK	←	REGISTER

Upstream (Client)		Downstream (Broker)
SUBSCRIBE	→	SUBACK
PUBLISH	→	PUBACK
PUBACK	←	PUBLISH

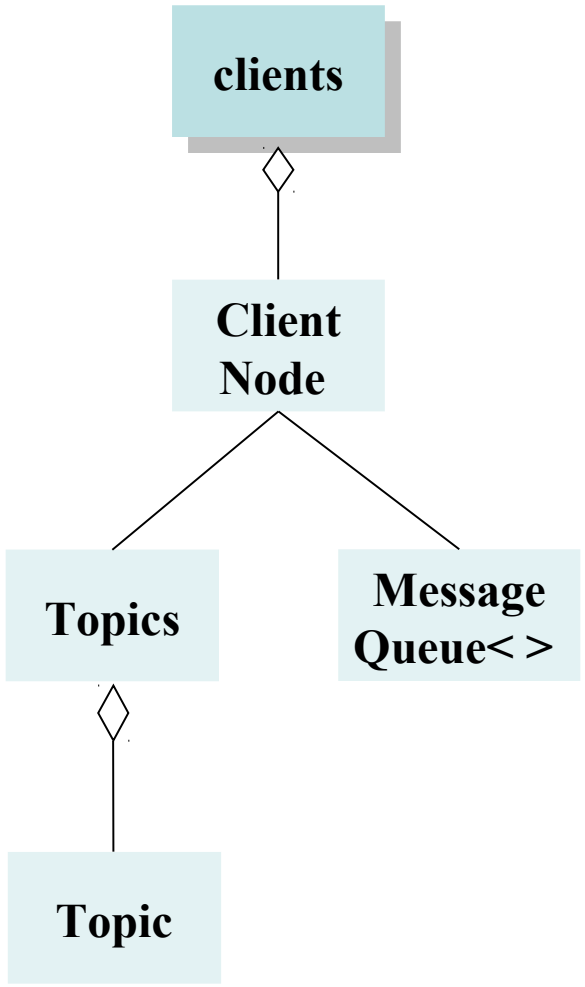
Task Relations



Event Queue Structure



Resource Class

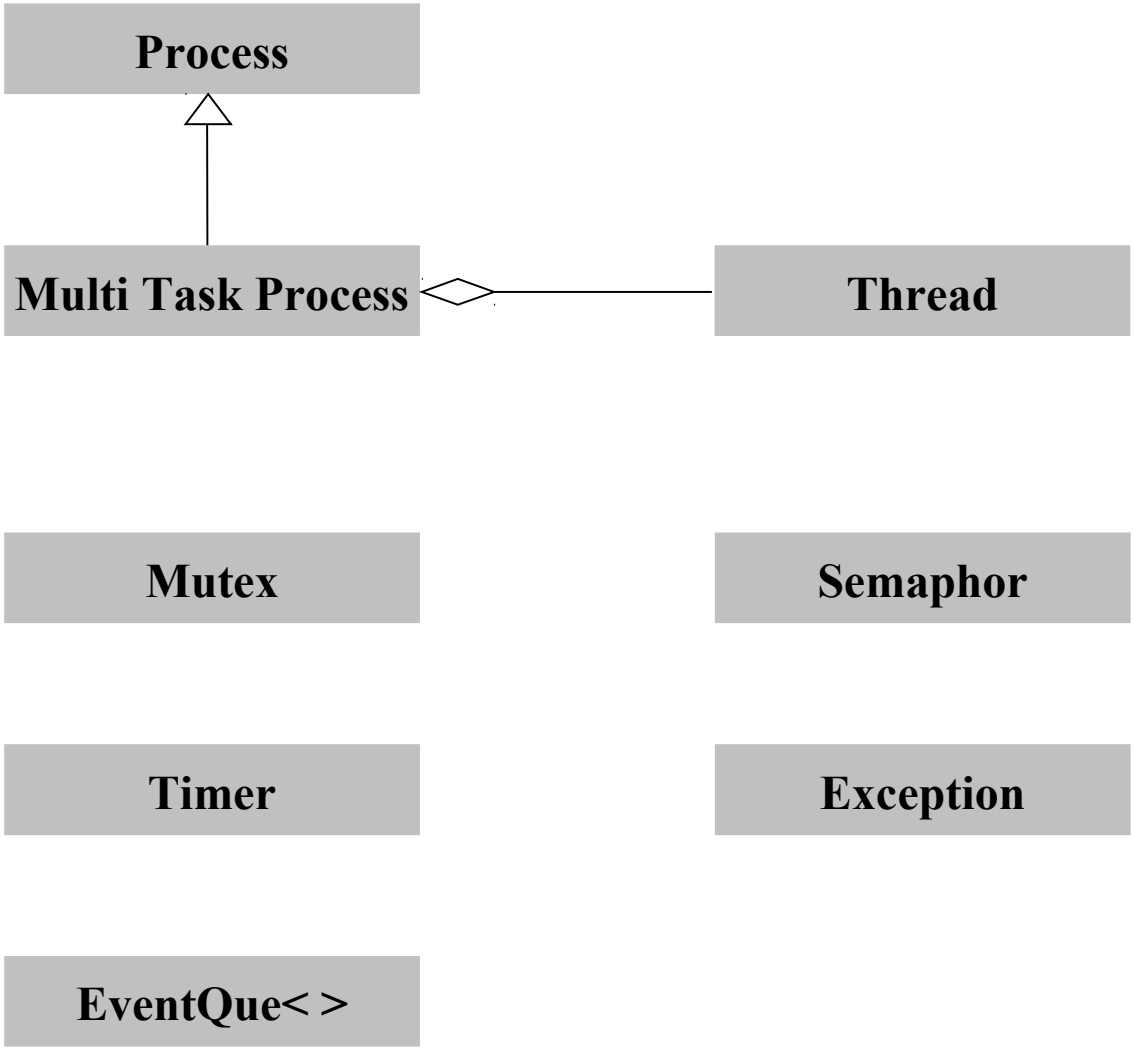


Gateway Event Queue

Broker Send Queue

Client Send Queue

Resource Class

Helper Class

Process Framework Class