Software Architecture

Pipe-Filter (PipeLine)

* Pipe, Filter, Valve
* Most Common Software Architecture

Blackboard

* Software Agents, Blackboard, Moderator
* Potentially More efficient and Effective
* Limited Applicability

Publish-Subscriber

* Publish, Subscriber, Broker
* High Scalability, Minimized Dependancy,

Peer-to-Peer

* Decentralized service, increasing availability with increasing number of users
* Common overhead is high, and the resource may not be always available due to uncoordinated user online schedules