Quodd project uses ‘CPD’ to process high volume real time data. CPD stands for Collector Parser and Distributor. The design behind CPD is asynchronous processing using intermediate queues. Application need to get data from various sources and provide it to end user. This task is broken into three tasks - Task of collecting data in raw format (Collector), parsing it format application can understand (Parser) and sending it to user (Distributor), where output of a task becomes input to next task which is shared using queues.

*Input -> C* – Q – *P* – Q – *D -> out*

Intermediate Queues plays a great role –