DeliveryPerson
- m ◦ sendBouquet(FlowersBouquet, Person)   void

Wholesaler
- f 🔒 grower   Grower
- m ◦ receiveOrder(String, Person)   FlowersBouquet

Gardner
- m ◦ processOrder(String, Person)   FlowersBouquet

Person
- f 🔒 name   String
- f 🔒 florist   Florist
- m ◦ getName()   String
- m ◦ sendFlowers(String, Person)   void
- m ◦ receiveBouquet(FlowersBouquet, Person)   void
- m ◦ getFlorist()   Florist
- m ◦ setFlorist(Florist)   void

Arranger
- m ◦ sendFlowers(String)   void
- m ◦ arrange(FlowersBouquet, Person)   FlowersBouquet

Florist
- f 🔒 delivery   DeliveryPerson
- f 🔒 arranger   Arranger
- f 🔒 saler   Wholesaler
- m 🔒 sendFlowers(String, Person)   void

Grower
- f 🔒 gardener   Gardner
- m ◦ receiveOrder(String, Person)   FlowersBouquet

FlowersBouquet
- f 🔒 flowers   String
- f 🔒 isArranged   boolean
- m ◦ arrangeBouquet()   void
- m ◦ isArranged()   boolean
- m ◦ getFlowers()   String

Client-Server

Chris-Fred: Client-Server

Fred-Florist: Client-Server

Florist-Wholesaler: Client-Server

Wholesaler-Grower: Client-Server

Grower-Gardener: Client-Server

Florist-Arranger: Client-Server

Florist-Delivery: Client-Server

Delivery-Robin: Client-Server

Responsibilities

Chris – Request's flower bouquet delivery to robin.

Robin – Receives the bouquet.

Fred – To deliver Chris's request to Robin's florist.

Delivery Person – Accepts the bouquet from the florist and delivers it to Robin.

Florist – Accepts bouquet delivery requests from Fred, making arrangements for the bouquet: buying flowers from wholesaler and requesting from the arranger to arrange bouquet and finally giving the bouquet to the delivery person.

Arranger – Accepts flowers from the florist and returning a bouquet.

Wholesaler – Receives flower requests from the florist, buys them from the grower and sells them to the florist.

Grower – Receives flower requests from the wholesaler, takes them from the Gardner and sells to the wholesaler.

Gardener – Brings the flowers requested form the grower.