Querying Data

Handlers and Subscribers pair up to query data and return results. The return value of a handler is propagated to the next pipeline stage so that subscribers can report it back to client applications.

Querying Data

```java
@AviatorHandler(namespace=ZooDemoTransactionTypes.NAMESPACE,
                transactionType=ZooDemoTransactionTypes.GET_ZOO,
                events={PlatformEvents.messageReceived})
public Zoo getZoo(AviatorMessage<?> message, SocketDemoState state) {
    Zoo zoo = new Zoo();
    zoo.setLions(state.getLions());
    zoo.setTigers(state.getTigers());
    zoo.setBears(state.getBears());

    message.interrupt();
    return zoo;
}
```

```java
@AviatorSubscriber(     namespace=ZooDemoTransactionTypes.NAMESPACE,
                        transactionType=ZooDemoTransactionTypes.GET_ZOO,
                        events={ReportingEvents.transactionComplete})
public void getZooTransactionCompleted(AviatorNotification<?> notification) {
    AsyncResponse responder = this.getResponder(notification);
    if (responder != null) {
        responder.resume(notification);
    }
}
```