

Example: Transaction

Client code:

```
int transaction_id = openTransaction();
x = server.getFlightAvailability(ABC, 123, date);      // read(ABC, 123, date)
if (x > 0)
    y = server.bookTicket(ABC, 123, date);           // write(ABC, 123, date)
    server.putSeat(y, "aisle");                      // write(ABC, 123, date)
// commit entire transaction or abort
closeTransaction(transaction_id);
```

RPCs

The diagram illustrates the execution flow of the client code. It starts with the call to `openTransaction()`, which is labeled as an RPC. This is followed by the call to `getFlightAvailability()`, which is also labeled as an RPC. The condition `if (x > 0)` branches into two paths: one leading to `bookTicket()` and another leading to `putSeat()`, both of which are labeled as RPCs. Finally, the code ends with the call to `closeTransaction()`.