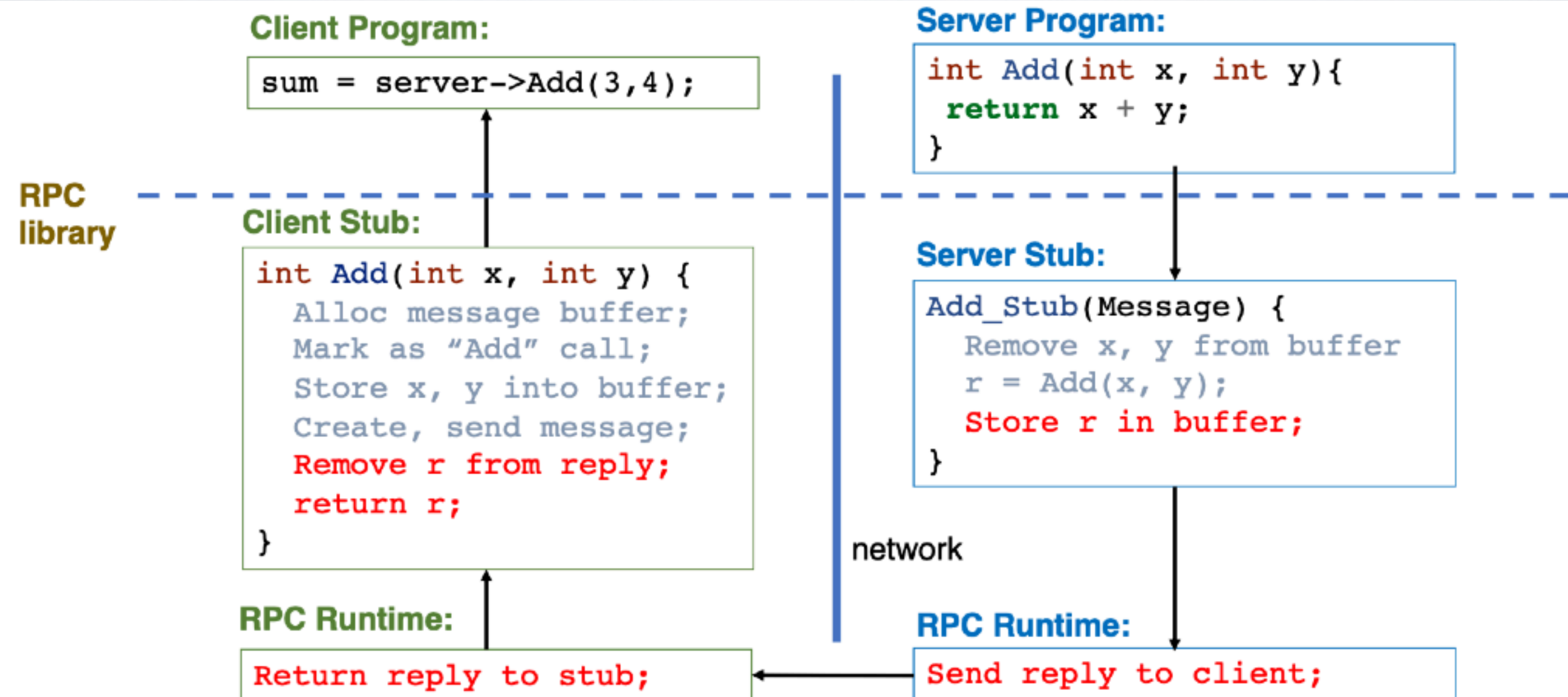


# RPC example - return



# RPC implementation details

## **What if client/server machines are different architectures and/or languages?**

Need to convert everything to/from some canonical form and tag every item with an indication of how it is encoded (avoids unnecessary conversions)

➔ Abstract Syntax Notation One (ASN.1)

## **How does client know which server to send to?**

Need to translate name of remote service into network endpoint (IP, port)

- ➔ Binding - the process of converting a user-visible name into a network endpoint
- Static - fixed at compile time
  - Dynamic - performed at runtime