Distributed System Design

Comp 6231

Project DRMS

Team 10

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**Techniques**

**Java Remote Method Invocation**Java Remote Method Invocation (Java RMI) enables the programmer to create distributed Java technology-based to Java technology-based applications, in which the methods of remote Java objects can be invoked from other Java virtual machines, possibly on different hosts. RMI uses object serialization to marshal and unmarshal parameters and does not truncate types, supporting true object-oriented polymorphism.

**User Datagram Protocol**UDP is a communications protocol that offers a limited amount of service when messages are exchanged between computers in a network that uses the Internet Protocol (IP). UDP is an alternative to the Transmission Control Protocol (TCP) and, together with IP, is sometimes referred to as UDP/IP.

**References**

<http://www.oracle.com/technetwork/articles/javaee/index-jsp-136424.html>  
<http://searchsoa.techtarget.com/definition/UDP>