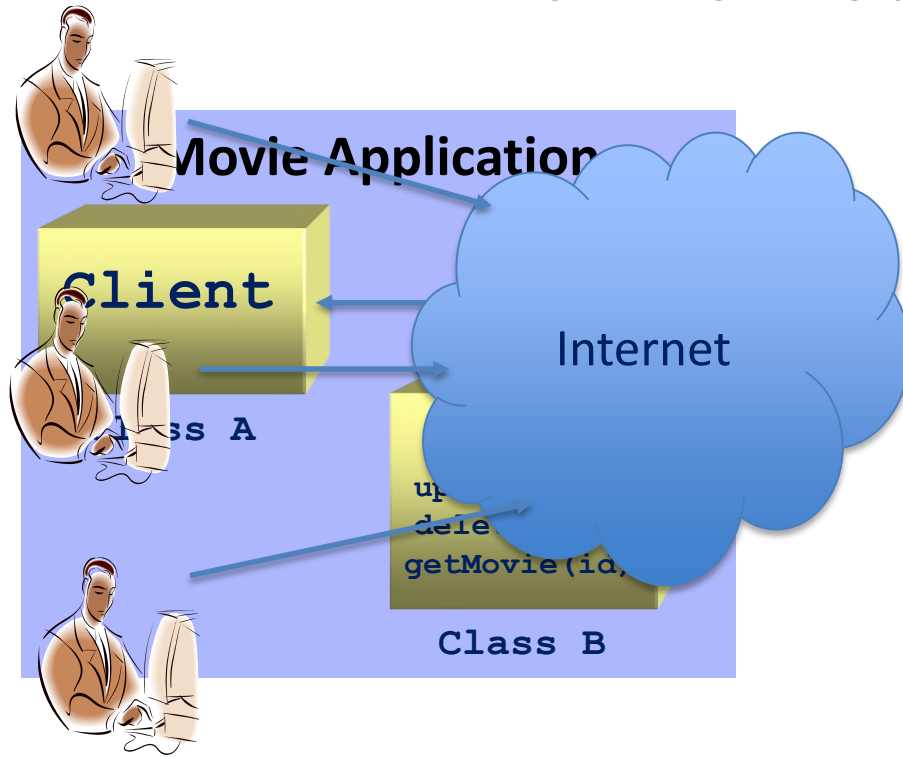


In this lecture, we will discuss...

- ✧ What a web service is
- ✧ Comparisons between web services and web applications
- ✧ Popular web applications

What Are Web Services?



Movie Service

Web Service: Introduction

- ✧ Web Service - “*software that makes services available on a network using technologies such as XML/JSON and HTTP*”
- ✧ Goal is interoperability between enterprises
- ✧ Service Oriented - distributed collections of smaller, loosely coupled service providers

Web Services vs. Web Application

Web Services	Web Application
XML/JSON	HTML
Program to program interaction	User to program interaction
CRUD based API	User Interface
Possibility of service integration	Monolithic services



Web Service: Basic Example

✧ Get movie info from movie service



Web Service Users (REST)



Summary

- ✧ A web service is just an endpoint (interface) for a “consumer” to request data
- ✧ Consumer is typically an application unlike a web application where the consumer is a web browser (human)

What's Next?

- ✧ REST Web Services

