A Day of REST

Building Web Services using the REST Style

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Overview

▸ What are web services?

▸ What is: SOA? REST? Web 2.0?

▸ Traditional Web Services

▸ RESTful Web Services

▸ Case Studies

Setup

- Software available for download at

  - http://www.jadetower.com
  - username: `rest-attendee`
  - password: `apachecon`

- Move **Eclipse** & **workspace** folders to desktop

- If needed, install language runtimes

- Install **Firebug** at **www.getfirebug.com**

Introductions

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Software

Eclipse version:

▶ Java Enterprise Tools

▶ Aptana Studio for JavaScript, AJAX and AIR

▶ RadRails for Ruby on Rails

▶ PyDev for Python

▶ Flex Builder Trial

Firefox with Firebug plugin

Adobe AIR SDK

Language Runtimes:

▶ Java

▶ Python

▶ Ruby

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RESTful Web Services

- By Leonard Richardson & Sam Ruby in 2007

- Best book available on REST

- "Every IT generation has its seminal tome that transcends time and connects the dots in a way that no book had before it. For the object oriented generation in the 1980s, it was the Gang of Four (GoF) book. For the application architecture generation in the 1990s, it was Fowler's book on patterns (PoEAA). "RESTful Web Services" will be, in my opinion, that book for the 2000s Web services generation." - Thomas Beck