Innovation time January 2011

After having read the o’Reilly book “REST in Practice” (Grahams book if anyones interested), I set myself the challenge of using OpenRasta () to create a fully RESTful pretend web service.

I decided for the first day to just concentrate on getting a basic CRUD app as outlined in chapter 4 working. This involved the ability to create, read, update and delete physical file xml representations of Artists.

For this I created an ArtistHandler in the normal OpenRasta way, creating methods for each of these four HTTP verbs:

GET for reading   
POST for creating  
PUT for updating  
DELETE for removing.

The main aim of this exercise was to discover exactly what http response statuses and headers I should be returning, with

REST in practice

**Day 1**  
Build a RESTful service using OpenRasta  
Use album, artist, track model  
Use xsd to validate schema  
Has to be fully RESTful as outlined in the book, without using Atom

**Day 2**

Build another service that can only be accessed with oAuth

Get Service A talking to service B (e.g., as with the RestBucks voucher system, could be a track purchase/download?)

If there is time, look at implementing Atom links.