Homework 8 (Due at 11:59pm on 2015/03/13)

Instruction

In this homework, you need to use Karma to create a model and map your scrapped dataset of artworks (**artworks AND artists in HW1**) to scheme.org. Clone the repository of Karma from GitHub:

https://github.com/InformationIntegrationGroup/Web-Karma

To get to know how to run and use Karma, look at the Karma user guide
https://github.com/usc-isi-i2/Web-Karma/wiki

Browse http://schema.org/docs/full.html and carefully choose the types to define the model for your data. If you need additional properties not found in schema.org:
- use the given **dcterms** ontology
- define your own ontology

Points will be **taken off** for every property or class that you invent if an appropriate property is available in schema.org

Caveats:
- schema.org defines a "name" property, but use "rdfs:label" instead

Submission Guideline

Please turn in a report on Blackboard with the following files, which should be named as **hw8_[firstname]_[lastname].zip**

1. **hw8.pdf ---- screenshot of model (20 points)**
2. **hw8.model.ttl ---- model ttl file (20 points)**
3. **hw8.rdf ---- generated RDF (20 points)**
4. **hw8.json ---- generated JSON for top level objects (20 points)**
5. **report.md ---- constructed using Publish/Report (20 points)**