Some Hints for WS-* and REST

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Some Links for WS-*

- The WS-* galaxy is as big as this:  
  http://www.innoq.com/resources/ws-standards-poster/  
  Hence, you do **not have to understand all** the standards for this assignment. Rather you should understand them on a high level and experiment with them:
  - http://netbeans.org/kb/docs/websvc/intro-ws.html gives you a very brief overview of WS-* and REST.
  - http://gdp.globus.org/gt4-tutorial/multiplehtml/ch01s02.html gives you more information about Web-services.
  - You definitely do not need to know more for solving the assignment.
  - If you do want to know more, Google (or any other of your choice) search is your friend!

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Distributed Systems – WS-* and REST
Some Hints for WS-* and kSOAP2

- Use the patched version of kSOAP2: [http://code.google.com/p/ksoap2-android/](http://code.google.com/p/ksoap2-android/)
The original version will not work because of performances and class availability in Android.

- There are a lot of tutorial and blog posts that can help you solving the task, here is a selection:
  - [http://vimeo.com/9633556](http://vimeo.com/9633556) is a step by step video tutorial on how to consume a WS-* service from Android.
Some Links for REST

- Tutorials that can help you understand the basic of REST:
  - [http://www.infoq.com/articles/rest-introduction](http://www.infoq.com/articles/rest-introduction) should be enough for the assignment.
  - [http://netbeans.org/kb/docs/websvc/intro-ws.html](http://netbeans.org/kb/docs/websvc/intro-ws.html) gives you a very brief overview of both, WS-* and REST.
  - If you want to know more (not required for the assignment), this book (available at the D-INFK library) is probably the best resource:

  RESTful Web Services
  by Leonard Richardson, Sam Ruby
Some Hints for the Apache HTTP Client (REST)

- There are several ways of using Apache HTTP Client to make requests, check out the tutorials:
  - [http://tinyurl.com/dyzfzq](http://tinyurl.com/dyzfzq)
    - This is probably the easiest way to work with it.
    - This is the most comprehensive manual.
More Questions?

- Check out the given links.
- The community around these two service technologies is big, try «googleing» a little for your problem.
- If you still need help with the implementation, please feel free to contact Dominique Guinard from our group:
  
  dguinard@mit.edu

  (allow a few hours for a reply as he is currently on Boston time)