

Rapport pour Semaine 1

Réunion lundi le 21 Juillet.

Pour le semaine dernier les tâches ont été de comprendre le fonctionnement de Ksoap c'est a dire de comprendre ce que fait kSOAP comment l'utiliser , etc.

Following this task I began a detailed analysis of the Ksoap Api to better understand the workings of Ksoap I have written a detailed document on the Ksoap Api which is available on the cds twiki. Also with that is an article I have written which outlines very briefly what exactly is ksoap and I have given a brief rundown of the API.

Getting Ksoap to work

I have tried several examples of Ksoap sadly the number of examples is quite limited and it appears the creates of Ksoap enhydra are the only ones with clear ksoap examples on the internet. The web site <http://ksoap.enhydra.org/software/downloads/index.html> contains three examples adding to the difficulties encountered by the lack of examples all of the examples for ksoap are designed to run on J2me the java 2 microedition a simulator for running java programs on mobile devices.

I realise that this simulator is nothing to do with what we're interested in but to get one of the enhydra examples to work with it I had hoped that then by understanding how the j2me used the ksoap that I could learn from this and adapt it to work on jdk or Jbuilder as normal.

Then I proceeded to try and run the two examples StockQuoteDemo and AirportWeather examples by running the j2me and following it's instructions I have sucessfully built an example of StockQuoteDemo using the ksoap libraries org.kobjects, org.ksoap, org.kxml although the build is sucessfull it runs until the point where you authorise it to send the data and seems to enter into deadlock.

Like wise with the AirportWeather example (<http://ksoap.enhydra.org/software/downloads/index.html>) the program compiles correctly but when it come to actually connecting to the server the program enters into a state of deadlock.

My only conclusion is that there appears to be some fault on either my side or more on their side.

Conclusion:

Overall I'm pleased to say that I have greatly improved my overall comprehension of Ksoap and have gotten to grips with it and understand whats going on. I have yet to get any examples that do **not use MIDlet tecnology or the J2ME** but I have requested some from various forums on the internet and I am confident I will have something more solid running as asoon a s possible.

I will continu to try and get at least one of the three examples on Enhydra's website to work as as soon as possible adapt it to work on JBuilder. But now my primary concer is to as soon as possible convert the three cds services to Ksoap.

Perhaps you have some Ksoap programs that I could implement on JBuilder without using the J2me if so I would be extremely gratefull for your help.

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22:07:2003