

## Assignment 2

Send your answers by email to [pitoura@cs.uoi.gr](mailto:pitoura@cs.uoi.gr) and a hard copy no later than Friday 2/4

(In groups of x!)

Each group selects one of the following example implementations of a communication model

UNIX RPC

Java RMI

You will implement distributed access to a system that stores information about songs. In particular, implement the following client/server application that supports the following two remote methods:

*register*: with the following parameters through which the client supplies the name of the song (a string), the name of the composer, the writer of the lyrics, the singer, and three keywords describing the song.

*search*: with two parameters through which the server searches for a song, the first parameter is the type of the search key (that is: song, composer, lyrics, singer or keyword) and the second is the value of the search key.

Prepare a short presentation of the model and your application to be presented in class. Send the documentation and source code of your application and the slides of your presentation.