

Exercise 1 – introduction to PHP and MySQL

A Movie Information web site provides information about current movies. For each theater of a given city, the site can provide the list of all movies included in the playing schedule. Each movie description includes the movie Name, the movie Rating, and the movie Running Time. Information about Theaters includes the theater Name and the surface mail Address. In each theater, movies are played following a well defined schedule of Show Times.

Supposing that the database lying under the informative system of the web site is structured as follows:

Theater (idTheater, Name, Address)

Movie (idMovie, Name, Rating, RunningTime)

Shows(idTheater, idMovie, ShowTimes)

Design a simple web page for providing the list of Theaters available in the web site database. Each theater entry must be selectable, leading to a second page about current movies.

Design a web page that, given a theater, provides the list of current movies showing all the available information: movie name, movie rating, moving running time and movie show times.

Goals

1. Install and configure Apache, PHP, MySQL and the needed development tools
2. Learn the PHP language syntax
3. Start learning PHP database functions
4. Understand the client-server interaction paradigm
5. Prepare the “background” for next steps

Notes

This exercise actually mimics one of the services offered by <http://www.ignyte.com/webservice/moviefunctions.asmx?wsdl>, which can be tested on-line at <http://seekda.com/providers/ignyte.com/MovieInformation>