



香港公開大學  
THE OPEN UNIVERSITY  
OF HONG KONG



香港網上學會

Hong Kong Web Society  
In co-operation with Open University of Hong Kong  
6<sup>th</sup> Seminar on

Hong Kong Web Society

“Connecting Java servlets to an Msql database with Apache  
JServ”

Dr. Philip Tsang

Date: 30 Sept 2000 (Saturday)

Time: 2:00pm - 4:00pm

Venue: Room B0614, The Open University of Hong Kong, OUHK (see online map for direction to OUHK)

**Abstract**

This is a practical session which aims to familiar participants with the following Web tools and servers: Apache HTTP Server, Apache JServ, and mSQL.

The Apache httpd server is a powerful, flexible, HTTP/1.1 compliant web server implements the latest protocols, including HTTP/1.1 (RFC2616). It has many frequently requested features, including: DBM databases and virtual hosts.

In the quest for more dynamic content, web server technologies have flourished. One particular solution to provide this dynamic content is Java Servlet technology. As a replacement to the traditional CGI script approach, servlets give developers a powerful tool to create web enabled applications. Not only does the servlet solution give developers the ease of using the Java language, it also offers a more efficient solution in terms of CPU power. The Apache group has already proven the ability of open source to produce high quality, mission critical software. The Apache-Jserv project is an open-source implementation of Sun's servlet specification.

mSQL, or mini SQL, is a light weight database engine which supports a subset of ANSI SQL. It provides fast access to stored data with low memory requirements and runs on a wide variety of Unix

For those of us who want to hack on the above tools on our Linux box, and to deploy servlet technology for business & education applications, Apache, Jserv & mSQL deliver an easily accessible, robust solution. At the meeting, the speaker will demonstrate how to make them work together.

**Biograph**

Philip is the programme leader of the Communications Technology Programme at the Open University of Hong Kong. He is also in charge of the Telecom and Networking section of the new \$10-million Multimedia Lab. Philip is an honorary professor of the Fujian Radio and TV University, China. Philip is a senior member of the Institute of Electrical and Electronics Engineers. Philip is also serving on

a number of government and professional committees. He was conference President of the 1995 Asia-Pacific Web Conference and served on the Internal Web Conference Committee, 1994 1996.

His current research interests and projects include: 1) Synchronized Multimedia Integrated Learning and Education Service, SMILES ; 2) ASP: Dial-a-software; 3) Mobile Multimedia Communications Design Competition 2000; and 4 ) Turbo Linux Cluster Testbed

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*In case of questions, please contact Dr Joseph Fong at Tel: 27888498 or 94150875, E-mail: [csjfong@cityu.edu.hk](mailto:csjfong@cityu.edu.hk), or visit the Hong Kong Web Society Website <http://www.hkws.org>*

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