

## DB2 9 DBA & Application Development Hands-on Workshop

Code: WS1

*For Teachers and DB2 Student Ambassadors only*

This hands-on seminar (**WS1**) will provide a technical overview about DB2 Database Administration and Application Development capabilities, in conjunction with Web 2.0 technology.

Pre-requisites: Install the following software using all the default values. You need to be LOCAL ADMINISTRATOR (on Windows), or root on Linux:

- i) DB2 Express-C, download from [ibm.com/db2/express](http://ibm.com/db2/express)
- ii) DB2 Developer Workbench (DWB), download from [ibm.com/db2/express](http://ibm.com/db2/express)
- iii) Starter kit for DB2 on Rails,  
download from <http://www.alphaworks.ibm.com/tech/db2onrails>
- iv) ZendCore for IBM,  
download from: [http://www.zend.com/products/zend\\_core/zend\\_core\\_for\\_ibm](http://www.zend.com/products/zend_core/zend_core_for_ibm)

### Agenda:

- Welcome by IBM Italia University Relations
- Introduction
- Installation
- DB2 tools (Control Center, Command Editor, Command Window)
- Connectivity
- Data movement, Security, Backup & Recovery Maintenance, Concurrency and locking, Troubleshooting
- Stored Procedures, UDFs, Triggers
- SQL, XML, xpath, xquery
- Application development using Java, PHP, Ruby on Rails
- Closing session: Q&A

### Speaker's biography:

*Raul F. Chong* is the DB2 on Campus Program Manager based at the IBM Toronto Laboratory. His main responsibility is to grow the DB2 Express community, helping members interact with one another and contributing to the forum. Raul holds a Bachelor of Science degree in Computer Science from the University of Toronto, and is a DB2 Certified Solutions Expert in both DB2 Administration and Application Development.

Raul joined IBM in 1997 and has held numerous positions in the company. As a DB2 consultant, Raul helped IBM business partners with migrations from other relational database management systems to DB2, as well as with database performance and application design issues. As a DB2 Technical support specialist, Raul has helped resolve DB2 problems on the OS/390, z/OS, Linux, UNIX and Windows platforms. Raul has also worked as an information developer for the Application Development Solutions team where he was responsible for the CLI guide and Web services material.

Raul has taught many DB2 workshops, has published numerous articles, and has contributed to the DB2 Certification exam tutorials. Raul has summarized many of his DB2 experiences through the years in his book "Understanding DB2 - Learning Visually with Examples" (ISBN 0131859161) for which he is the lead author. He has also co-authored the book "DB2 SQL PL Essential Guide for DB2 UDB on Linux, UNIX, Windows, i5/OS, and z/OS" (ISBN 0131477005).

**June 8th, 2007**

**8:00 – 19:00**

**Room 4.1**

**DEIS**

**Università degli Studi  
di Bologna**

*Viale Risorgimento, 2*

**This workshop is in English.**

**The event is free of charge.**