

Lesson 0 Transcript: Getting Started

Slide 1: Cover

Welcome to the presentation, "Getting Started with the DB2 on Campus lecture series." This is a presentation that explains how you can take the most advantage out of this e-learning lecture series. My name is Raul Chong, and I'm the DB2 on Campus Program Manager.

Slide 2: Agenda (1)

This is the agenda for today. Now we'll start talking about the software material that is required for these e-learning courses.

Slide 3: Getting started

So first of all, we recommend that you download DB2 Express-C 9.5, this is the latest version of DB2. Then download IBM Data Studio 1.1, which will be used mainly for the development of stored procedures, user defined functions, and maybe we'll do, as well, some Web Services. You can download and unzip them in any directory that you wish, the structure that we have is basically downloading them into a directory called db2-workshop and in there we have another directory called install-images, and we download it there.

Now you can download this software for free from www.ibm.com/db2/express and click on the Downloads tab. From there you can choose the image that you would like to use, either if it's on the Windows platform, or on the Linux platform, or if it's 32-bit or 64-bit. Now once you download and unzip these files. Do not install them because we will install them in another lesson of these e-learning courses. The next thing you should download is the book and exercises, which are also provided from the DB2 Express-C web site. The title of the book is "*Getting Started with DB2 Express-C*". It is a free online book, and pretty much most of the material in this book has been used for these e-learning courses. The exercises are separate files that can be found in the same web site as the book, so download and unzip the book from the main DB2 Express-C web site, which has a link to where this book resides.

Slide 4: DB2 UDB versus DB2

Moving on to the next slide, we are comparing the terms DB2 UDB versus DB2. Well the reason I decided to put this slide in is that many people who are new to DB2, they may go to Google or any other search engine and type DB2; once they do this, and click on search, they may find different hits on DB2 and some of them may say DB2 UDB. UDB used to be part of the name before DB2 Version 9. UDB stands for "Universal Database"

Starting with Version 9 we decided to simply the name and we decided to remove UDB from the product name. So, basically, what I'm trying to say here is that DB2 UDB and DB2 are exactly the same product, where DB2 UDB was used before Version 9. If you go to Google again and you type DB2, you may also find a term like Viper or Viper 2. What happens is that what we do here (at the Toronto Lab) when we develop a product is that we first use a code name, and once we officially announce it to the public, or we make it generally available, we give it a name, another name, an official name, so in this case Viper was a code name and once we officially announced the product, we call it DB2 9. The same thing with DB2 9.5, the code name was Viper 2 and once we officially announced DB2 9.5, we called it DB2 9.5. DB2 9.5 by the way is the latest version of DB2, and I think I mentioned that earlier as well. Now again, the purpose of this slide was basically try to clarify things in terms of terminology, in terms of the name of a product, just in case if you start to do research on your

own and you find these Viper, Viper 2, or UDB terms; they're basically talking about the same product, which is DB2

Slide 5: Agenda (2)

Moving on to the next section—in this section about this lecture series we will try to explain a bit more detail about these e-learning courses.

Slide 6: About this lecture series

The purpose of this lecture series or e-learning courses is just to get you started with DB2, either as a DBA or as a developer; it will not make you an expert on DB2 but it will give you a solid background, and with this solid background on DB2 you can basically find the answer yourself whenever you find a problem. The assumptions are that: (i) you don't know anything about DB2, and (ii) that you have some basic knowledge of SQL and XML. If you don't know anything about XML, don't worry about it because we provide, as well, some basic information on XML later on.

So in this lecture series you will be able to try the product with hands-on exercises, which we call Quicklabs. This is, as mentioned before, not in-depth DB2 education, it is not in-depth development application, and just for your information, even though we're using DB2 Express-C, which is the free version of DB2, we're also explaining some features that are not available with DB2 Express-C, but with other editions of DB2. We provide them just for awareness purposes because sometimes people say can DB2 do this, can DB2 do that, and the answer most of the time is “yes,” but it's not provided in this particular edition of DB2 Express-C, of DB2, which is DB2 Express-C.

Slide 7: The DB2 on Campus lecture series

A little bit more detail about the different speeches and the different lessons that you will learn as part of the DB2 on Campus lecture series. First you have free speeches about the DB2 on Campus program.

Slide 8: The DB2 on Campus lecture series (1-10)

And then you have 10 lessons for database administration, we will cover them one by one.

Slide 9: The DB2 on Campus lecture series (11-17)

And then another six lessons on application development, and one lesson on troubleshooting. So I would recommend that you listen to these lessons one after the other.

Slide 10: Agenda (3)

Moving on to the next section, we'll talk here about DB2 certification. This is for people who, let's say, finish the e-learning courses and want to get certified on DB2 to gain more recognition in the industry.

Slide 11: DB2 9 Certification Path

So if you want to get certified on DB2, there is ... normally, we provide certification on DB2 9, so we don't provide certification on 9.5, or 9.?, whatever is the next release of DB2 9. The same thing with DB2 version 8, we provided certification on DB2 version 8, we didn't provide certification on DB2 version 8.2, for example. So if you want to get certified on DB2 version 9, everybody has to write one exam, which is exam 730. It's a DB2 9 fundamentals exam, and once you pass that exam, you will be certified as an IBM Certified Database Associate; that's basic certification on DB2, and after you get that certification, if you still

want to get further certifications within DB2, you can follow this path if you want to become a DBA certified person for Linux, UNIX and Windows. If you want to become a DBA certified person on DBA for the mainframe for z/OS, you can follow this path, and if you want to be certified as a developer for DB2 on Linux, UNIX, and Windows, or z/OS, you can follow this other path.

Slide 12: IBM DB2 Certification FREE

Now there is good news for 2008. Starting in Feb of 2008, thanks to the Academic Initiative: the exam 730 (which is "DB2 9 Fundamentals"), is being provided for free as part of a program called DB2 Elite for Academics. The other advantage of participating in this program besides getting the certification exam for free is that students can post their resume in the IBM Academic Initiative Student Opportunity System, or SOS, which is a system where Students and Business Partners of IBM can interact. Business Partners will be able to see the resumes (CVs) of the students and maybe contact the students if they find their resume interesting. In addition, as part of the DB2 Elite for Academics Program, you are provided as well, with preparation and study materials to basically improve the chances of passing the exam, DB2 9 Fundamentals, Exam 730.

Slide 13: IBM Cert. DB Associate - DB2 9 Fund.

This slide provides more information about the DB2 9 Fundamentals Exam, Exam 730.

Slide 14: Agenda (4)

And now we move to the next section, which is "DB2 Books and other Resources."

Slide15: Resources: For DB2 Fund. Cert.

So I recommend the "*DB2 9 Fundamentals Certification Study Guide*", if you are serious about preparing for the DB2 9 Fundamentals exam.

Slide 16: Resources: For DB2 cert & ref

This other book, "*Understanding DB2 Learning Visually with Examples*", it's a good book if you are preparing for either for the DB2 9 Fundamentals exam or for the DBA certification; and it's also good as a reference.

Slide 17: Resources: For DB2 server side dev

Finally, this other book, called "*DB2 SQL PL Essential Guide for Linux, UNIX, and Windows, i5/OS and z/OS*" is a good book if you want to know more about coding for stored procedures and user-defined functions in DB2. Even though this book was created for DB2 Version 8.2, it's still very useful for version 9.

Slide 18: Resources (continued)

Here are more resources. The first web site is the DB2 Express-C home page, where you can download most of the software for free, where everything on that web site has software that can be downloaded for free. Then you have the 2nd link, which is for developerWorks. developerWorks provides technical articles and tutorials for free, and it normally refreshes this information every two weeks, every Thursday. The next few links provide online manuals for DB2 either version 9 or version 9.5, and then you have some more information on the next few links for different online editions of DB2 and for DB2 application development.

Slide 19: Resources (continued)

You can also get db2 technical support when you buy the DB2 Express-C one year term subscription license, which will be explained in more detail in Lesson 1, but will also be discussed in one of the speeches as part of these e-learning courses. You will not be able to get technical support if you get just the DB2 Express-C using the unwarranted license. And, also, if you want to ask questions on the forum, we have the DB2 Express-C forum, which is supported; or you can get community assistance. It's all free, and you can access that forum by clicking this button here, at the bottom of this slide, and you can gain access to this by going to the main DB2 Express-C home page.

Slide 20: Resources (continued)

We also have IBM Red Books, which are free books, written by experts in the industry, or IBMers, and there is also a free SQL book, there's a magazine as well, a DB2 magazine with the latest information on DB2 technology, and you can also join the International DB2 User's Group (IDUG), which also organizes conferences and also provides some other interesting material.

Slide 21: agenda (5)

Finally, we move on to the contact section.

Slide 22: Contacts

So if you need to send me an email, you can send it to db2univ@ca.ibm.com if you need to get more information or if you would like to see more videos on DB2, you can check out the channelDB2 web site. You can also look at blogs at planetdb2.com, and I invite you to join [facebook.com](https://www.facebook.com). I have created the DB2 on Campus group on [facebook.com](https://www.facebook.com) and have explained how to join [facebook.com](https://www.facebook.com) in the first speech of these e-learning courses.

Slide 23: Thank you!

So with this, I thank you very much for listening to this lesson, and as to what is next, I suggest that you start with Lesson #1 of the DB2 on Campus lecture series, which is "Installation and the DB2 Editions." Thank you.