DB2.
software

DB2® for Linux, UNIX, and Windows Migration Assessment Questionnaire

Version 1.2   July 26, 2010

Note: If you do not see highlighted "blue" entry fields in this document, you may want to enable them to make completing this document easier. In the menu, select Edit->Preferences..., under "Categories:" select "Forms". In the "Highlight Color" section, make sure "Show border hover color for fields" is checked.

COMPANY NAME:

APPLICATION NAME:

DATE:

Prepared By:

Technology Ecosystem Team
Information Management Software
IBM Software Group

IBM®

DB2
software

The purpose of the assessment questionnaire is to gather metrics for evaluating the technical feasibility of application migration to DB2 for Linux, UNIX, and Windows. The IM Technology Ecosystem Team will use this information for the sole purpose of preparing an assessment of the application migration effort. We greatly appreciate your best effort in completing the questionnaire.

This document will be treated as Confidential once completed

Instructions:

In addition to completing this document, please follow these steps to provide additional information about your Oracle database environment (or alternatively provide your Oracle DDL and PL/SQL extract along with this completed questionnaire, which can be extracted easily using IDMT described in the second paragraph below):

- Download the Migration Enablement Evaluation Tool (MEET) DB2 tool from the following website: https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?lang=en_US&source=swg-meetdb2. For sign-in purposes, you will first need an IBM ID to be able to download the software (if you don't have one, there is a link in the above site to create one).

- Install the MEET DB2 tool (currently Windows-only). The tool does not need any access to Oracle or DB2 databases. All you need is the source for the objects which can be extracted from an Oracle database with the IBM Data Movement Tool (IDMT) or other utilities like TOAD. The source input will need all objects terminated with a forward slash "/". If your DBA wishes, they can download the IDMT from http://www.ibm.com/services/forms/preLogin.do?lang=en_US&source=idmt for generating the input file. IDMT will connect to the Oracle database and via a click of the "Generate Input file for MEET" and produce the proper file for input into MEET.

- Start the MEET tool. During start-up the tool will ask for a PartnerWorld ID, if you do not have one, you can type an email address that you want to use to receive the generated output (note: public email addresses, like @hotmail or @gmail, are not accepted).

- If you generated the Input file for MEET with something other than the IDMT and it is split into more than one file (MEET accepts only one single file as input) there are instructions in the MEET DB2 "Readme.html" file's "Usage" section on how to produce one single file for MEET.

- When the report is generated, MEET will ask whether you want to send it to IBM to receive a non-encrypted version. Please send it. No source code files at all will be sent to IBM. The file just contains encrypted XML describing the findings of MEET. This includes the line number in the source code and the source code at this specific line. After you receive the report, please forward it to the IBM representative that provided this questionnaire to you, along with the completed questionnaire.

DB2.
software

1 - Company Information

Company Name & Address	Contact Name & Job Title	IBM PartnerWorld ID (8 digits starting with 19)
		19

Email	Telephone	IBM Representative

Development timeline for DB2 migration	
How do you plan to continue after the migration	**Clean cut over (replace current database with DB2)** **Single code stream for multiple databases (generic)** **Migration Window (short-term support for other db)** **Multiple db support via separate code for exploitation** **Other (please explain):**
Please describe your skill level/experience with DB2	

2 - Application Information (approximate counts/estimates are acceptable)

Name of application and version under consideration for enabling to DB2	
Primary functions of the application	

Please state the target deployment Client, Middle-tier, and Database server Operating Systems and versions, using the table below:

Client	Middle-tier (Application Server)	Database Server

What databases and versions are currently supported	
What application servers are currently supported (if any)	
What third-party integrated components are used (if any)	
What type of workload is expected	**OLTP** **OLAP/BI** **DSS** **Mixed** If **OLAP/BI** or **Mixed**, is any special OLAP/BI functionality required
If there are any known performance bottlenecks in the current implementation, please describe	
Approximately how many users will use the database	**Average** # of concurrent users: **Peak** # of concurrent users:

DB2.
software

If the application exploits non-relational or proprietary database technology, please describe	
Describe where application interacts with database (e.g., application source code files, batch programs, etc.)	

Describe the application Components/Modules/Interfaces using the table below:

Component Name (e.g., billing, inventory, batch program, etc.)	Programming Languages/Interfaces (e.g., C++, Java, ODBC, JDBC, OCI, Perl, PHP, Forms, Pro*C, etc.)	Number of Modules/Files	Total Lines of Code of Modules/File

Describe the high-availability solution (if any)	
	Standby is: **Passive** (or read-only) **Active**

Additional comments about the Application environment:

3 - Database Information (estimates are acceptable)

What is the approximate database size	**Average** Size: GB **Largest Known** Size: GB
If more than one database is used by the application, please describe how	
If the database is partitioned across multiple servers, please describe architecture	

Describe any data loading requirements (data movement scripts, special loading utility, automatic data generation programs, etc.)	
Does the database store Unicode data	**Yes No**
If there are any sorting requirements, such as supporting multiple collations in one database, dynamically changing collation, etc., please describe	
If XML data is stored and/or queried, please describe	
Are there non-SQL Procedures or User-Defined Functions (UDFs) being used (e.g., Java, C, etc.)	**Yes No**
Describe any database scripts (Application, Administrative, Maintenance etc.) and language used	
Is Data Replication used	**Yes No**
Are you interested in any specific DB2 Technology features	**Silent/Unattended Installation** **Embeddable/OEM Database** **Autonomics/Self-Tuning Memory Management** **Deep Data Compression** **Other (please describe):**
Additional comments about the Database environment:	

4 - Additional Data/Documentation Requests

Application SQL Statements	**Please provide some representative (complex or important) SQL Statements that are used in Applications. Static or Dynamic.**
Database Scripts	**Please provide any sample database scripts (application, administrative, maintenance, etc.) that you consider need special consideration for the migration.**

5 – Additional Comments (e.g., Other Database Specific Features Required)