Luc DELVERT
Birth Date December 8th 1971, French Nationality

Experienced IBM Mainframe Analyst

STUDIES

1994   D.U.T. (French Graduate) Business Oriented IT.

TECHNICAL SKILLS

IBM Mainframe :
Languages/ system elements :
➢ Cobol   : BATCH or CICS programs
➢ PL/1   : BATCH or CICS programs
➢ REXX   : TSO tool writing or screen handling under ISPF
➢ JCL   : installation and writing
DataBasess :
➢ DB/2   : all item handling (table management, BINDS,…)
➢ IDMS   : implementing all access in BATCH programs
➢ DL/1   : implementing all access in BATCH programs
Miscellaneous :
➢ MQSERIES   : queue management : put,get, delete,trigger
➢ SPUFI, DATACOM: all about SQL statements
➢ E-GEN, CORTEX: JCL writing
➢ ENDEVOR   : source management and compilation
➢ XPEDITOR et SMARTEST : ON/LINE Batch or CICS program testing.
➢ PACBASE   : COBOL generator, screen coding
➢ MFEE   : COBOL generator, new version for APS, PC based.
➢ VAG   : COBOL generator, CSP coding.
➢ EGL/RBD   : COBOL generator, new version for VAG, Eclipse based.

UNIX System
Languages/ system elements :
➢ C, Cshell, Korn-shell
➢ scripts : writing and installation
DataBasess :
➢ ORACLE   : all data access with isql : all sql statements.
Miscellaneous :
➢ X-Windows : sources edition
➢ MAKE : compile scripts management

WEBMaster
Languages/ system elements :
➢ php, asp, and html with css and javascript
➢ scripts : writing and installation
DataBasess :
➢ MYSQL   : all accesses to data
Miscellaneous :
➢ FrontPage, ultraedit32 : sources edition

ON SITE EXPERIENCE

1995 ongoing   **Consultant Mainframe Technical Analyst**

                             Detail of experiences…..

Comfortable in any of long term, fix term projects or daily tasks
Experience in international projects in Belgium or Luxembourg with English speaking environment.
Experience in daily production follow up : night batch ; bug fix and rerun of jobs if needed .
Technical documentation writing (French or English) either to feed a technical team or keeping a track of the work done.
Experience in multi platform development either IBM mainframe or UNIX Environment (cobol, c or PHP)
Knowledge in queuing tools like MQSeries allowing to connect IBM mainframe and external systems.
Mastering of SQL language in mainframe environment (DB2), micro (VBA Access) and WEB (Mysql under PHP)
Experience in DB2 application tuning working under IBM. Code optimization if needed to help next maintenance.
Non regression tests certified with Compuware tools for year2000 bug solving. Scenarii writing, test running, test result feedback to client, monkey testing monitoring (default detection for 1rst level support)

Functional knowledge in banks (retail, custody), in insurance industry (life saving), in national administration (VAT at Luxembourg State)

Team spirit, enjoy challenges and have passion for the job. Will never resign ongoing project.

Dec.07 - ongoing   **KBC Bank (Brussels / Project OTM)**
                            Analysis, support and development (English Dutch speaking environment)
                            MVS/TSO, COBOL/EGL/VAG, MEGA

                            Initial internal training on EGL and VAG ;
                            Convert VAG sources to EGL sources. VAG is not maintained by IBM anymore.
                            Converted programs must be modified to take into account UNICODE norma and ensure transparency during data exchange with other countries who use extended page code.
                            Development of a personal REXX tool in order to handle automatically part of the conversion. This to ensure a gain of time and avoid typing mistake. (sources over 3000 line)
                            Take into account merge of 2 tables in EGL converted programs.
                            Testing with XPEDITOR and code coverage for test validation.
                            Documentation writing with MEGA tool.

Nov.06 - Nov.07   **FORTIS Bank (Brussels / Projet SEPA)**

Analysis, support and development (English Dutch speaking environment)
MVS/TSO, COBOL/MFEE

Initial internal training on MFEE/APS 20 days ;
Develop and test (with SMARTEST to ensure code coverage)
applications destinated to build of a SEPA compliant Payment Engine,
SEPA = Single European Payment Area . Release based development.
Write Technical analysis, also review of functional analysis in order to
provide higher quality to developers. This involves BATCH and
ONLINE (MPP) development.
Ensure maintenance of applications in acceptance environment during
user tests.

July 06 - October 06   **P&V Assurances (Brussels)**

Analysis, support and development (French speaking environment)
MVS/TSO, COBOL,CICS,SDF2, DATACOM, CORTEX

Internal training for DATACOM, database access with SPITTAB.
Refresh knowledge of CORTEX (JCL generator).
Develop and test CICS transactions in scope of Work Accidents. Opening and
Case management. Development with CHANGEMAN (versioning) CICS and
SDF2 (screens) tools.
Develop and test BATCH processing to upload data from flat files into
DATACOM tables.
This to ensure consistency of data from 2 merged companies (P&V and
VIVIUM) into the same structure.
Run of JCL (test environment) with CORTEX tool.

October 05- June 06   **SINSYS (Brussels)**

Analysis, support and development (French English speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, CHANGMAN, OPC

Technical analysis in **VISA** and **MASTERCARD** transactions
acquiring scope.
**Acquiring = back office processing of VISA or MASTERCARD
transaction made in Shops or ATM (cash withdrawing machines).**
Learn business rules related to Acquiring in order to understand and
process quickly deep or light functional / technical changes into
existing system :
e.g : Analysis modification of erroneous accesses on DB2 table : impact
analysis of accesses on the table and issue a list of all program where
modification is needed. (read not based on existing index, check with
DB2 EXPLAIN tool).
Software maintenance on existing UAT((User Acceptance Test) or
Production environment follow up **release/package** installation
(promote) with **CHANGMAN** tool. Urgent bug fix in both **UAT** and
Production environment
Daily monitoring of nightly processing in UAT and Production
environment and potential bug fix to go on stuck process. (Parallel
process of several client available).

July 05 - Oct. 05	**CETELEM (Brussels)**

Analysis, support and development (French speaking environment)
Environnement technique: MVS/TSO, COBOL, CICS, DB2, JCL

Impact analysis and writing of purge JOBs regarding client data that must not be any longer present into **CETELEM** database.
Jobs prepared to be **JCL** based **SQL**. 3 phases have been detailed : **SELECT** data to **DELETE** further and feed counters, a suppress phase (**DELETE** : counters fed) and a control phase : all counters must be zero.
Reports Making with **ICETOOL** to supply to business team a detailed feedback regarding suppressed information. (Cross control)

Janvier 04-Juin 05	**CENTRE INFORMATIQUE DE L'ETAT (Luxembourg)**

Analysis, support and development (French speaking environment)
MVS/TSO, COBOL, CICS,DB2, JCL, MQSERIES, E-GEN

Implement and develop communication programs : replacing **LU6.2** protocol with **TCP/IP** protocol into **CICS** programs : ENVI application interface. ENVI application : give Luxembourg administrations the ability to query EEC Member State regarding VAT issues.
Use **CICS** communication interface (black box) between **CICS** and **TCP/IP** using new **IBM EZA******* interface and Mqseries message manager.
Analysis and Reworking on cobol sources for optimisation purposes : simplify maintenance and debugging in the future.
Implementation of **UNICODE/UTF8** transliteration standard for data conversion for all data travelling on the EEC MS gateways.

Dec. 03-Juillet 03	**BGL (Luxembourg)**

Analysis, support and development (French speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, E-GEN

Maintenance of existing Tiers, Provision, Default for Bâle 2 calculation rules integration (CEE regulation) before year 2004.
(notions of Capital Adequacy Directive segment or 'CAD 3' segment and code Nomenclature Activité into the EEC or 'NACE' code).
Introduction of NACE code into segment code calculation algorithms where a 'Tiers' must be modified or created (always a segment code by default).
Ensure unit testing , assembly and integration testing with JCL (generated with E-GEN tool).
WINCAP tool assisted impact analysis.
Integration environment maintenance : bugs detected by users during testing phases.

Dec. 02-Fev. 03	**KREDIETBANK (Luxembourg)**

Analysis, support and development (French English speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL,REXX , ACCESS 97

Development of a JCL generator with REXX.
Ensure automatic conversion of PICTURES fields into COBOL sources.
Maintenance of Access97 database regarding conversion follow up.
Synchronisation of the database with impact analysis data coming from WINCAP.

June 01-Nov. 02 **MARSH MAC LENNAN (Bruxelles)**
Analysis, support and development (French speaking environment)
MVS/TSO, CICS,JCL, REXX et ISPF

Develop statistics system tools with REXX.
Develop night time tasks planning screen with ISPF + REXX.
Re-code Home-made scheduler in COBOL.
Develop 'promote in production environment' tool in order to migrate items consistently from an environment to another :
Availability to select / unselect items via new ISPF screens.
Availability to compile a full set of items ready to migrate in live environment. (via new ISPF screen).
Availability to establish relations between lots (if one needs the end of another before going live or change environment).

June 2000-June2001 **CLEARSTREAM (Luxembourg)**
Analysis, support and development (English speaking environment)
MVS/TSO, CICS, JCL, testing method

Develop and ensure tuning performance support in DB2 programs related to Custody. This to improve the performance into DB2 programs after the merge with German Stock Exchange.
Creation of archiving-unarchiving processes to limit the amount of data taken into account by the process (the oldest data are archived and not any more processed).
Multi-streaming CICS transactions to enhance elapsed time.
Analyse upon existing system and review when necessary.
UNIX professional training (CBT), notions already acquired during studies refreshed. (C programming, C-shell, Bourne Shell and Korn Shell script writing). Level : able to read and understand script, write usual scripts with error and file management.
UNIX System approach : fork, exec, wait, semaphores programming ; (simple examples)
New UNIX environment installation to distribute program versions in testing environment to ensure program and data consistency.

August 99 - May2000 **EULER COBAC (Brussels)**
Analysis, support and development (French speaking environment)
MVS/TSO, CICS, JCL, testing method, EASYTRIEVE

Ensure technical support and short-medium term development for Users based in London.
Scope is Credit insurance/Risk on non-payments for big companies.

Implementing in the existing system new functionalities regarding new business unit <u>Euler International</u>.
This new entity is managed on base of a new range of policy numbers and need all the development for batch overnight processing.
The development consists as well in providing flat files for Web application.

January 99 – Aug. 99 SABENA (Brussels)

Analysis and support (English speaking environment)
MVS/TSO, CICS, JCL, testing method, PL/1

Y2k position : perform tests based on approved tests plan built in accordance with Application Responsible. Non regression tests, with and without aging input data using File Aid tools :
File Aid MVS : management of VSAM files,
File Aid RDX : extracting subset in files,
File Aid Data-Ager : data aging for y2000 simulation,
QAHiperstation : Recording and Playing On-Line scripts,
Xpediter/Xchange : Debugging, changing system date ,
Debugging-correcting PL/1 programs for Y2000.
Corrections more or less important following Application Responsible instructions.

Feb 98-January 99 KREDITBANK Luxembourg (Lux)

Analysis, support and development (French speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, testing method, IDMS

Analysis on existing application to prepare integration of an informational line in programs that prepare customer edition. This line must contain the change rate against EURO of operation made by the customer. Develop and test a subroutine that edited this new line on all the customers output.
Develop and test redenomination job stream that is very important for EURO beginning : translating securities established in 'IN' currencies (FRF, BEF, DEM, …) to securities established in EURO. That represent several programs that must convert all the Securities of the bank at the end of the year.
Prepare OPC (Fund) files managed by EFA (European Fund Administration) and no more by the bank : sending and converting formatted data.
Technical support for new contractors or permanent that begins in IT.
On site on January 1rst 1999 for all the end-of-year processing concerning EMU projects.

June 97-January 98 BANQUE GENERALE DU LUXEMBOURG (Lux)

Analysis, support and development (French speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, beginners coaching

Ensure coaching and training upon batch processing of several

beginners in IT.
They had to convert JCL for year 2000 and i was technical support
while testing in several environment.
Prepare these test environments before.(maintain and restore if needed).
Ensure the adaptation of CICS transaction for year 2000 and testing
with users in the banking departments (for example : bank cards, loan
department…)
Support while sending the modified programs in production for
debugging.

March 97-May 97   **CEDEL Bank (Lux)**
Analysis, support and development (English speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, méthode de test

Programming and testing for year 2000.
Develop to test and support beginners upon COBOL, DB2 and CICS on
the project.
Testing was prepared by beginners and i had to control and help the job
submitting.
The transaction were modified and transmitted thru other programmers
of CEDEL.

Sept. 96-February 97 ASSURANCES DU CREDIT MUTUEL Strasbourg (Fr)
Analysis, support and development (French speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, IMS/DL1, méthode de test

Position concerning development of life-insurance management
Application.
Programming and testing using IMS/DL1 a new application for life-
insurance product(a savings software for life-insurance) .
This was a new IMS transaction which needed the development of
screens and cobol instructions.
My position was to develop the screen (following existing analysis) and
also the cobol programs and next to test the new transactions upon IMS
and to prepare the screen to be migrated upon CICS environment.

August 95- August 96 CAISSE D'EPARGNE Nancy (Fr)
Support and development (French speaking environment)
MVS/TSO, COBOL, CICS, DB2, JCL, DL1, testing, PACBASE

Project regarding new business accounts management
Integrating a software (partially developed) to ensure the business bank
account management in a new DB2 environment (replacing the existing
DL1 one). Supplied software needed the development of all the batch
processing concerning that new function (it consisted only in screen
managing). That was done by developing DL1/ DB2 interfaces that
provide all the management(accountancy, bank cards, loan, more
generally : all the scopes in a bank…).
My position was to modify and test batch programs, to modify and test
CICS programs and develop DB2/DL1 subroutines for both Batch and CICS environment.