

# Resume for Willy Jensen

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I have been working as system support with IBM (and compatible) mainframes almost all of my working life. And I still like it.

As the business have progressed, I also worked on other platforms, like Windows and Unix/Linux, so while not fluent in those other platforms, I certainly understand them and can utilize their functionality.

I consider myself to be a good at finding solutions to problems, using the tools at hand and sometimes writing the tool myself. I relate well with other people and have often assisted with problem solving outside of my immediate team and department.

The last 15 years of my career I worked in the zOS System Engineering team at UBS AG in Switzerland, one the biggest banks in the world. That ended by the end of 2015, when I reached the early retirement age. The time unfortunately coincided with yet another reorganization, so I could not get my contract extended, hence my return to my home country.

After my retirement I have participated in a zVM-to-zOS conversion for Columbia University in New York, I have participated in a zD&T installations in Germany and Switzerland, I maintain a small zOS 1.13 system, and I have access to a zOS 2.4 system, on which I develop my freeware utilities.

I am still an active member of a team offering zPDT and zD&T installation in Germany and Switzerland.

I contribute to several zOS forums, most noticeably IBM-MAIN.

## Mainframe skills

### Software

- Operating System (up to zOS 2.1) including product planning, installation, customization and deployment, using
  - SMP/E
  - Server Pac
  - CBPDO
  - CBIPO
- zPDT, zD&T planning and setup.
- Data and space management using
  - ISMF
  - ADRDSSU
  - FDR
  - STARTOOL (and the equivalent PDSX freeware tool)
  - Catalog RecoveryPlus
  - Catalog Solutions
  - SAS
  - Various other vendor- and freeware products.
- Analyzing program-, SVC- and stand-alone dumps using
  - IPCS
- RACF installation and administration using
  - RACF ISPF dialog
  - TSO line commands
- JES2 setup
  - General customization

- NJE
  - Writing exits
- Monitoring systems using
  - RMF I, II and III
  - Omegamon/MVS
  - Mainview/MVS
  - SAS/MXG for analyzing SMF data
  - Spectrum SMF WRITER for analyzing SMF data
- System and application recovery preparation
  - remote synchronous (PPRC, SRDF, HRC)
  - remote asynchronous copy (XRC)
  - locally mirrored dasd (TimeFinder, Shadow Image)
- Application development
  - TSO
  - ISPF/PDF
  - JCL
- Using MVS Unix System Services (USS) Shell & Utilities
- Assembler language programming
  - write system exits
  - write and maintain Control-D exits
  - write and maintain TWS exits
  - write high-performance applications and/or subroutines
- REXX language programming
  - operations- and daily business oriented support tools and functions
  - ad-hoc data management and analysis.
- BMC product specific
  - Control-D
- Computer Associates product specific
  - CA/Dispatch
  - CA/ENF
  - CA/SHROPT5

## Hardware

- HCD & Dynamic I/O config.
- Parallel Sysplex planning and setup, incl Coupling Facility
- Operating IBM and Hitachi processors
- Operating and diagnosing IBM, Hitachi and EMC storage subsystems.
- Setting up Local, Peer-to-Peer and Extended Remote Copy including CNT channel extenders.

## Specialities

- ICF catalog management (they DO break you know), using
  - IDCAMS
  - Catalog RecoveryPlus
- Performance analysis using
  - RMF
  - SAS/MXG.
  - Spectrum SMF Writer

## Business projects

These are programs and projects that I have developed and/or are used by an employer.

- Writing a ISPF-based sample job- and command dialog, which today is used by the system support groups in UBS.

- Setting up Extended Remote Copy for the national bank of Norway, over a distance of 130 miles, using Hitachi hardware, CNT channel extenders and IBM software.
- Developing a tool to allow a major Danish electronic funds transfer company to switch computer room 'by the touch of a button', using Peer-to-Peer Remote Copy and an ISPF dialog.
- Development of a TSO/ISPF based Remote Copy Manager (CARP/390) which till now has been sold to one major Danish bank, a branch of the UK government and a large Swiss insurance company.
- Development of a Windows/NT based frontend to Hitachi Open-systems remote copy.
- Review of the dasd- and cpu related performance issues for a large Danish bank using Ms/Access to correlate, simplify and present information.
- Installing and setting up mainframe controlled backup of Windows/NT servers, using a product called HARBOR.
- Setup large application fall-back using local mirrors.
- Write a password reset utility which uses html, perl script and assembler module in USS to reset password in zOS.
- Various housekeeping for operlog,locrec etc .

## Personal projects

These are some of the programs and projects that I have developed at home in my free time. Some of them can be found on the [www.cbttape.org](http://www.cbttape.org) website and my own website <http://harders-jensen.com/wjtech/zprograms.html>.

- REXX
  - REXXGBLV – lets you store variables from one REXX program to load in another, a feature sadly lacking in REXX basic. This is distributed as CBT file 669.
  - RXVSAMBA – read from and write to a VSAM database using REXX stems as source and target. Delete by key and delete by stem is also featured.
- ISPF
  - TheMenu: Create TBDISPL-like screens, but with full control of colors etc. It is intended to be used as an application front-end, from which you can call sub-menus, display ISPF panels, run skeletons, execute commands etc etc.
  - Similar in functionality to TheMenu, but uses text in PDS members to build the menu.
  - DYNPNLX1: An ISPF exit which allows part or the entire screen definition to be passed in a REXX stem.
  - AdHocSkel: Use the current edited file as an ISPF skeleton. Imbed tables, panels, commands etc in the file and have it all executed in one go.
- Assembler
  - Insertion-sort: Quickly sort an in-storage list without having to call a big external program.
  - I have written a message-capture subsystem which puts captured messages on a circular buffer which can be used by other tasks. It is the basis for a low-end system automation project.
- Productivity
  - A complete system automation and scheduler package based on a WTO exit at one end and REXX/ISPF program(s) at the other.
  - Find Member, locate member(s) across the enterprise by name mask. This is distributed as CBT file 989.

I have also co-written a fast-lookup-for-DB2 project together with a friend of mine. It worked, but the agency we talked to shut down due to internal problems, so it never took off.

## Midrange and PC skills

- Windows 95 up to 10 installation and setup.
- Basic LINUX and UNIX.
- Microsoft Office including MsAccess.
- Visual Basic under MS-Access.
- MS/VISIO.

- PERL programming
- Pascal programming
- PHP programming
- C (entry level)

## Language skills

- Fluent in written and verbal English
- Gets by in spoken and written German.

## Current status

Retired (but still looking)

## Timeline

January-March 2020	Advise and assist Swisscom, Switzerland, with zD&T Proof-Of-Concept for a large Swiss bank.
2008-2018	Supporting and guiding Profics AG with setup and maintenance of their zOS and zPDT/zD&T.
March 2018	Planning, setting up and customizing a zD&T installation in Nürnberg, Germany including education for their team.
September 2016 - February 2017	Participate in the zVM-to-zOS conversion for Columbia University in New York. I worked remotely
December 2016	Retired from UBS when I turned 62.
December 2008	Back in Switzerland in the UBS System Engineering group. I continue doing what I did before the Singapore trip.
August – December 2008	Took part in the build-up of UBS datacentre in Singapore. I did mostly internal education and coaching for the new team that was hired there.
April 2004	Joined the UBS System Engineering group. My main responsibilities are <ul style="list-style-type: none"> <li>o JES2 setup and maintenance.</li> <li>o ICFcat setup and maintenance.</li> <li>o TSO setup and maintenance.</li> <li>o BMC's Control-D setup and maintenance.</li> </ul> We also do normal system programming tasks like low-level problem determination, XCF structure definitions and ad-hoc monitoring.
June 2001	Moved to Switzerland where I started as contractor at UBS. I worked in the 2-level support team, primarily doing problem determination, but I also did a lot of work with Hitachi and EMC local- and remote copy and with ICF catalog management.
December 1988	Moved to National Advanced Systems, which soon after became Hitachi Data Systems. I worked for Hitachi Data Systems in Denmark as system's software specialist in our Solutions Group, which is a division of the Technical Department. During the 12 years I worked for Hitachi Data Systems, I worked closely together with a number of our mainframe customers, helping with solutions preferably, but not exclusively, based on Hitachi dasd.

My colleagues and I worked closely together with our hardware technical service people and also doubled as pre-and post sales support when the need arose. As part of my long-time relationship with a couple of our customers, I have participated in planning their systems- and operations setup. At one of the places I doubled as part-time systems programmer.

- November 1987      Moved to CMA Software, a company which did software development and systems consultancy. I worked mainly in the consultants group, but did also do some software development and support.  
CMA Software was best known for CMA/Spool and CMA/TSOPlus. CMA was later taken over by Legent, who in turn was taken over by Computer Associates. So CMA/Spool is now CA/Spool and I believe that there may still be a line or two of mine in there.
- September 1986      ESSO Denmark was bought by Statoil Norway. This did not change a very much in the IT department.
- April 1984            Moved to ESSO Denmark, where I held full responsibility for the operating system, which at that time was MVS/370. At my time at ESSO, we converted from MVS/370 through MVS/XA to MVS/ESA.
- 1974 to April 1984    Worked as systems engineer, doing mostly basic operating systems, though I also spent one year in the network group. During that period the company migrated from VS/1 to MVS/370.
- April 1974            Joined the System Engineering team and installed the company's first DOS.
- September 1973      Operations shift leader
- March 1973            Started at A. P. Moller Shipping Company (Maersk Line) as systems operator, working with OS/360 and VS/1.

## Personal



I was born December 21, 1953 in Denmark.  
My wife and I are Danish, we have been married since 1986 and have one daughter, who lives in Denmark.  
We now live in Denmark in the town of Silkeborg, which is a very nice town in the middle of Jutland  
We both hold valid Danish passports.

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