



Patrik Švestka

"Haste makes waste" - Book of Wisdom

Personal Data

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Czech Republic.

Personal Research Interests

object oriented programming, relational and non-relational databases, data analysis and transformation, automation

University Education

1998–2006 **Ing., Faculty of Electrical Engineering, CTU, Prague, Specialization: Software Engineering.**
Supervisor: Doc. Ing. Vojtěch Merunka, Ph.D.

Employment History

- 2008–now **External CRM Consultant, Roche, Switzerland/Germany/Czech Republic.**
- Project management, Implementation, End-User-Training for Clarify CRM system.
 - Data warehouse adding new functionality (via new project e.g. customer profitability), processing, data cleansing
 - Microsoft SQL Server (2003, 2008) maintenance + service monitoring
 - SQL Server optimizations (memory, speed, etc.)
 - SAP → CRM data integration and interfacing (multiple projects)
 - Windows Memory Dump analysis
 - ETL transformations (from multiple sources to MSSQL)
 - CRM migration from Clarify to Salesforce.com
 - Supporting EMEA region (CZ, RO, LT (LV,EE), RU, HU, SI, SK, HR, ZA)
 - CRM Clarify Customization and bug fixes

- 2005–2008 **Database Developer; Technical Coordinator; Engineer**, *STROM Telecom a.s.*, Czech Republic.
- Inter-billing code migration (PL/SQL code to T-SQL code)
 - Data migration from Oracle to SQL Server 2005
 - Problems analysis and their solution in cooperation with team members
 - Design of test-stands architecture
 - Design rules for multiple sources customization
 - Coordination of tasks for developers (team lead)
 - Critical tasks analysis
 - Responsible for 40 server at the customer's site (Databases, AD, Company solution, etc.)
 - Understanding of Telecommunication's processes like mediation, IVR, prepaid, postpaid
- 2003–2005 **Engineer; Administrator - part time**, *House for Elderly (Domov Seniorů, Šolínova)*, Prague.
- Responsible for data security, 24/7 server, Samba – domain, central Anti-virus solution, Firewall
 - Workstation and hardware maintenance
 - Planned update tasks
 - Security for personal data
 - Network and Server planning
- 1996–2002 **Administrator - part time**, *Department of Rehabilitation Medicine of The First Faculty of Medicine of Charles University*, Prague.
- Responsible for email server
 - Responsible for networking (metallics and fiber)
 - End-station support
 - Security for personal data

Projects

- Assume - open source (CC 4.0)** Reads the flat tree structure of from Windows registry. The registry path for assume is based on the user and salamander version combination. If no such combination can be found the user can enter the registry path manually. The registry flat tree is converted to a regular, arbitrary complex, tree structure.
- Smalltalk/X jv-branch project** The user can manipulate the tree any way preferred. After the editing is complete user can decide whether to export it to a registry file (*.reg) or save it directly back to the Windows registry.
- For detailed information visit the Wiki: <https://bitbucket.org/-tukanos-/assume>
- Smalltalk/X jv-branch launcher** Windows based launcher for Smalltalk/X written in windows batch and PowerShell. Adds logging and many useful which are configurable via smalltalk.cfg.
- Smalltalk/X is a ready-to-use distribution development platform with many enhancements, including support for multiple programming languages, virtual machine level meta-object protocol for customizing method lookup, selector name-spaces support, SubVersion & Mercurial integration layer and various IDE improvements. STX:LIBJAVA included!
- Launcher Web site: https://bitbucket.org/-tukanos-/stx_launcher
- Smalltalk/X jv-branch Web site: <http://swing.fit.cvut.cz/projects/stx-jv>
- NFS mount on windows - PowerShell** Scripts for mounting NFS share on windows. Complete wrapper around the Microsoft NFS mount implementation.
- Web site: <https://bitbucket.org/-tukanos-/powershell-scripts>

Complex Web Scraper using Watir (Ruby) Scraping a complex website for financial information. Automated way to scrape around 5000 companies on US Stock market. (circumventing Ajax, Javascript, other obfuscations)
Web site: non-public

Public Source Code Repositories and Socialize

BitBucket <https://bitbucket.org/-tukanos-/>
GitHub <https://github.com/tukanos>
StackOverflow <https://stackoverflow.com/users/6059896/tukan?tab=tags>

Languages

| | | |
|---------|--------------|---|
| Czech | native | |
| English | fluent | <i>Cambridge FCE</i> |
| German | satisfactory | <i>ICC Zertifikat</i> |
| Russian | basics | <i>Can read and somewhat understand</i> |

Computer skills

| | | | |
|-----------------------|--|------------|--|
| Operating systems | Windows, Linux, OpenBSD, OpenVMS (at University) | Tools | TortoiseHg, Watir, Rubymine, Sublime Text, Shell, Mercurial, Git, SourceSafe, IIS6, IIS7, BeyondCompare, XMind |
| Programming Languages | SQL, ETL, T-SQL, Smalltalk, Ruby, Regex, PowerShell, Batch, Bash, C, C(read), Java(read) | Networking | DNS, DHCP, Routing, OpenVPN, IPSec, Cisco Academy (at University) |
| Databases | MS SQL, Oracle, MySQL, PostgreSQL, GemStone (at University) | Other | AD, OpenLDAP, Tuxedo, zfs |
| Virtualization | Hyper-V, VirtualBox, VmWare | Misc | Microsoft Office, Open Office, L ^A T _E X |

Interests

Investing Long-term investing into securities based on strategies devised by Benjamin Graham and David Dodd

Sports Kung-fu (Wing-chun), tennis, skiing, windsurfing

Additional information

- One year in USA studying at Potsdam Public High School