

Tamás Cservenák

Software Developer

Szeged, Hungary (GMT+2)

PERSONAL

Resident of Hungary since 1999, born and grew up in Serbia. Married and father of two: daughter Petra (12yr) and Oliver (10yr, lives with Autism). Once unfortunately I found it to say to my wife, that “my first love, my hobby and my work is all in CS”. Am left handed. Due Oliver’s special needs and education, relocation is currently a hard nut in my case. Please consider that I am an Open Source zealot.

CURRENT WORK

Am remotely working for Walmart Global Tech (former Walmart Labs) as a lead on Proximity 3, that is a fork of Sonatype Nexus 2 OSS, that in turn is based on my own personal project Proximity OSS, a first fully fledged Apache Maven Proxy from 2006. Proximity 3 is currently happily serving about 20,000 developers and many managed VMs and stores of Walmart (mainly for software provisioning) across globe, is holding 200TB worth of artifacts and images in elastic storage custom implemented in Proximity 3, split across NFS enterprise storage and Ceph/S3 object storages, helped with MariaDB used for hierarchical mapping and metadata, and Elasticsearch 5 for searches. Repository maintenance happens on Proximity 3 cluster (using Hazelcast as provider of distributed features). Cross DC replication and DR is also in our hands and is implemented by us.

EXPERIENCE

- **2016. — today, Walmart Labs/Walmart Global Tech, Sunnyvale, CA, US (remote).**
Developed and improved Nexus 2 OSS, later forking it (as Proximity 3), providing tailored solutions required for Walmart Labs. Added new format support (NuGet, Docker, Debian, etc), providing elastic storage solutions based on NFS Enterprise Storage and Ceph/S3 storage, and adapt Proximity capabilities to fulfil high load demands by creating cluster of Proximity 3 nodes running on hybrid storages.
- **2007. — 2016. Sonatype, Fulton, MD, US (remote).**
Started on grounds of own Proximity OSS, created Nexus 1, then Nexus 2. Took major part in Nexus 3, that is a major clean-room reimplementation of “universal repository manager”.
- **2006. — 2006. Levi9 Global Sourcing, Novi Sad, Serbia.**
Working on Proximity to deliver IoT device provisioning related binaries, HTTP auth and other. This was a short journey, but fruitful.
- **2002. — 2006 and 2006 — 2007. IS-Micro Ltd, Szeged, Hungary.**
Targeting public utility services (gas, electric power and water), developed software solution for field data acquisition and parcel/invoice delivery, printing interfacing using Oracle RDBMS, PL/SQL and Java. Field operations used Psion handheld devices. Since then, server side is still in use and developed, while field side is rewritten for Android devices. In the mean time, my personal project, Proximity OSS was born (ASL2 licensed).
- **1999. — 2001. Optin Ltd, Szeged, Hungary.**
Software development in Delphi 3 and Java, backed by Oracle RDBMS. Component supply chain tracking and quality control of end products in one of the biggest meat processing plant in Hungary.
- **1994. — 1997. Scan Studio Ltd, Novi Sad, Serbia.**
Worked while studying CS, mainly simpler DTP and press related preparation tasks (Modula 2, Turbo Pascal, PostScript), text/source pre- and post-processing, text transformation and filtering.

MEMBERSHIPS

- 2010. Apache Maven Committer
- 2015. Apache Maven PMC Member

EDUCATION

- 1993. — 1997. Computer Science, University of Novi Sad, Serbia.
- 1999. — 2002. Computer Science, University of Szeged, Hungary (earned BSc).

SKILLS

- Daily work happens on GNU/Linux (Linux Mint 20), toying and hobby happens on macOS.
- Knowledge of: Apache Maven, Nexus/Proximity, Jetty, Hazelcast, Apache JClouds, Guice...
- Tools: JDK, Apache Maven, git, Subversion, Docker, Vagrant...
- Natural Languages: Hungarian, Serbo-Croatian, English, German.
- Artificial languages: mostly JVM based, Java, Groovy...

REFERENCES

- Proximity “alpha” announced in 26th May 2006. @ Apache Maven Users List.
- Articles at Sonatype Blog @ <https://blog.sonatype.com/author/tamas-cservenak>
- Presentation about Nexus @ OpenBlend, Ljubljana, Slovenia, 2011.
- Presentation about Apache Maven @ Oracle Users Group (Java Section), Siófok, Hungary, 2014.
- Some authoring on books <https://www.sonatype.com/ebooks>
- GitHub <https://github.com/cstamas>
- GitLab <https://gitlab.com/tcservenak>

CONTACT

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OTHER

Timezone: GMT+2
Geo location: Szeged, Hungary
Pets: Ozzy, a dog, trained as Autism Assistance dog for Oliver, and Otto, a cat.