

Artyom Smirnov

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📄 <http://artyom-smirnov.info>

Brief description

My main direction — system development and DBMS.

My primary programming language — C++.

I enjoy OpenSource software and tools which I use both for work and fun.

Projects

C++

Red Database http://www.red-soft.biz/en/reddatabase_product.html
Firebird DBMS fork with improved security

SciDB <https://www.scidb.org>
DBMS for large-scale scientific experiments based on multi-dimensional arrays

Python

scidbpy <https://github.com/artyom-smirnov/scidbpy>
Pure python SciDB client library implementation

Experience

Dec 2009 - **Software Engineer**, *SciDB*.

Present Query parsing, translating and processing
Client tools
Client libraries and drivers
JDBC driver
Build system, packaging

May 2007 - **Software Engineer**, *Red Soft Corporation*.

Aug 2009 Security improvements in Red Database - fork of Firebird RDBMS

Development skills

Programming Languages

C++, C, **Expert**
Bash

Python, Java **Intermediate**

LaTeX, **Basic**
Pascal

Tools

gcc, gdb, valgrind, bison, flex, cmake, git, svn, ant, maven

Computer skills

IDE Eclipse, QtCreator, Xcode

OS Linux (RedHat, Debian), MacOS X

Education

Sep 2004 - **Information Technology**, *Murom Institute (branch) of the Vladimir State University*,
Jul 2009 *Murom, Russia.*
Engineer

Links

LinkedIn <http://www.linkedin.com/in/artyomsmirnov>
GitHub <https://github.com/artiom-smirnov>