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🌐 www.github.com/forhappy



Fu Haiping

Personal Skills

Education

2011

Master, Research Center of Web Data Science & Engineering, Institute of Computing Technology, Chinese Academy of Sciences, Beijing.

2007-2011

Bachelor, Computer Science and Technology, Huazhong University of Science and Technology, Wuhan, top 5%.

Skills

OS Windows, Ubuntu, CentOS

DB MySQL, HBase, Memcached

Tools Git, SVN, Vim, CMake, Eclipse

Writing LaTeX/Beamer, Word, PPT, Dia

Language C/C++, Java, Python, Bash, Lua

Toolchains GCC, GDB, Binutils, LLVM/Clang

Experiences

2013.4-now

Designer and Developer, Social Graph Database Based On HBase, **Language: Java**.

○ **Keywords:** HBase, Social Graph

○ **Introduction:** We designed and developed a graph database based on HBase, which provides high scalability and stability for social graph.

2012.9-2013.4

Main Developer, Development of Social Search Project, **Language: C++, Java**.

○ **Keywords:** Thrift, NLPbamboo, Neo4J, REST, Libevent, Zookeeper.

○ **Introduction:** We designed and developed a social graph search project, which can collect and display graph data from different channels.

2012.12-2013.01

Main Developer, Code Porting of Video Address Parsing Library on Android Platform, **Language: Java**.

○ **Keywords:** HTTP, Protocol parsing, Firebug, Wireshark.

○ **Introduction:** Parsing the raw HTML webpage of a video on the web and get the downloadable URL of the original video, which can be opened as a network stream in the VLC* player.

2012.3-2012.6

Designer and Developer, HBase Data Migration Tool Design and Implementation, **Language: Java**.

○ **Keywords:** HBase, RDBMS(MySQL, Oracle), JDBC, SQL, Sqoop.

○ **Introduction:** Haiep was designed to migrate large data from RDMS to HBase.

○ **Project Homepage:** forhappy.github.com/haiep/

*<http://www.videolan.org/vlc/index.html>

Personal Open Source Projects

2011.9

cpy-leveldb, **C&Python**, 1.5K SLOC, www.github.com/forhappy/cpy-leveldb.

◦ Introduction: Google leveldb python binding, based on leveldb C API.

2012.9

ossc, **C&Shell**, 18K SLOC, www.github.com/forhappy/OSSC.

◦ Introduction: Aliyun OSS(Open Storage Service: OSS) C SDK. Best awards of the AWDC2012[†].

2012.12

revelldb, **C&Shell**, 12K SLOC, www.github.com/forhappy/revelldb.

◦ Introduction: A high performance key-value database server, supporting multiple storage engine(default storage engine is leveldb) and RESTful access protocol.

2013.1

neo4cpp, **C++**, 3K SLOC, www.github.com/forhappy/neo4j-cpp-driver.

◦ Introduction: The open-source graph database Neo4J C++ Client(There is no official C++ client).

2013.3

uvbook, **reStructuredText**, www.github.com/forhappy/uvbook.

◦ Introduction: Libuv tutorial Chinese translation.

2013.4

zklua, **C&Lua**, 3.5K SLOC, www.github.com/forhappy/zklua.

◦ Introduction: Apache zookeeper lua binding.

2013.4

lua-snappy, **C&Lua**, 200 SLOC, <https://github.com/forhappy/lua-snappy>.

◦ Introduction: Lua binding of google's snappy compressor.

Awards and Certificates

Awards

2012.12 Tencent Outstanding Scholarship in ICT, CAS[‡]

2012.11 Best Practical Software Awards in AWDC2012[†]

2011.07 Hubei Province Outstanding Graduation Thesis of Bachelor's Degree

2011.07 HUST Outstanding Graduates

2010.11 HUST First Class Scholarship

2009.11 National Motivational Scholarship

2008.11 National Motivational Scholarship

Certificates

2010.10 Qualification Certificate of System Analyst[§]

2010.03 Qualification Certificate of Software Designer[§]

[†]2012 Aliyun World Developer Conference.

[‡]Institute of Computing Technology, Chinese Academy of Sciences.

[§]National Qualification Certificate of Computer and Software Technology Proficiency.