

Hướng dẫn cài đặt RocksDB trên RHEL/Centos 7

Hướng dẫn cài đặt CSDL RocksDB trên môi trường hệ điều hành Redhat/Centos 7



RocksDB

Yêu cầu:

- **Java:** [OpenJDK 1.7+](#) (required only for RocksJava)
- Tools:
 - curl (recommended; required only for RocksJava)
- Libraries:
 - [gflags](#) 2.0+ (required for testing and benchmark code)
 - [zlib](#) 1.2.8+ (optional)
 - [bzip2](#) 1.0.6+ (optional)
 - [lz4](#) r131+ (optional)
 - [snappy](#) 1.1.3+ (optional)
 - [zstandard](#) 0.5.1+ (optional)
- **Architecture:** x86 / x86_64 / arm64 / ppc64le / s390x
- **C/C++ Compiler:** GCC 4.8+ or Clang
- Tools:
 - GNU Make or [CMake](#) 3.14.5+

Hướng dẫn cài đặt

-Cài gói gcc4.8:

```
yum install gcc48-c++
```

- Cài gói gflags:

```
cd /tmp/  
git clone https://github.com/gflags/gflags.git  
cd gflags  
git checkout v2.0  
./configure && make && sudo make install
```

- Thiết lập path:

```
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:/usr/local/lib
```

- Cài gói snappy:

```
sudo yum install snappy snappy-devel
```

- Cài gói zlib:

```
sudo yum install zlib zlib-devel
```

- Cài gói bzip2:

```
sudo yum install bzip2 bzip2-devel
```

- Cài gói lz4:

```
sudo yum install lz4-devel
```

- Cài gói ASAN (optional for debugging):

```
sudo yum install libasan
```

- Cài gói zstandard:

```
cd /tmp/  
wget https://github.com/facebook/zstd/archive/v1.1.3.tar.gz  
mv v1.1.3.tar.gz zstd-1.1.3.tar.gz
```

```
tar zxvf zstd-1.1.3.tar.gz
cd zstd-1.1.3
make && sudo make install
```

- Cài đặt RocksDB:

```
cd /tmp/
git clone https://github.com/facebook/rocksdb.git
cd rocksdb
make static_lib
```

Tham khảo

[1] <https://github.com/facebook/rocksdb/blob/master/INSTALL.md>

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