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# Supported Platforms

* CENTOS 6.x
* REDHAT 6.x
* UBUNTU 14.x

# Dependent System Libraries

* snappy
* snappy-devel
* libaio
* libaio-devel
* libevent
* libevent-devel
* glibc-devel

# Setup and configuration

1. Create a property file

Copy the following contents into a file zs.prop

ZS\_REFORMAT=1

ZS\_FLASH\_FILENAME=/dev/md0

ZS\_FLASH\_SIZE=32

ZS\_BTREE\_L1CACHE\_SIZE=4000000000

Note: ZS\_REFORMAT=1 reformats the flash.

It should be set to 1 only first time if data needs to be preserved

1. Configure flash file and location. Edit zs.prop

Edit ZS\_FLASH\_FILENAME to configure desired flash file

ex. ZS\_FLASH\_FILENAME=/dev/md127

Edit ZS\_FLASH\_SIZE to configure desired flash file in GB

ZS\_FLASH\_SIZE=32

1. Configure Cache size in in Bytes

Edit ZS\_BTREE\_L1CACHE\_SIZE to configure desired Cache size

ex. ZS\_BTREE\_L1CACHE\_SIZE=4000000000

1. Compile sample C program

Untar the SDK

cd zs\_sdk-2.5-2386.74/samples

make

1. Run sample program

Set enviornment variables

export ZS\_LIB=zs\_sdk-2.5-2405.91/lib/libzs.so

export ZS\_PROPERTY\_FILE=zs.prop

./zs\_sdk-2.5-2386.74/samples

1. How to compile Helloworld program with ZS

cc -Wall Helloworld.c zs\_sdk-2.5-2386.74/lib/libzsdll.a -lpthread -ldl -laio -levent -lsnappy -I zs\_sdk-2.5-2386.74/include -o helloworld

Refer sample program for zs API usage \*\*

The JNI library in the lib dirctory can be used for JAVA application,

The samples directory contains sample C and JAVA programs.