For SPRD :

If you compiled Sprd's Android version (or Kaios 2.0 with Sprd's platform ) before, it's also works for this project (Sprd's 9820E with Kaios-2.5).

Customers need to check their own compilation environment, and Google recommends using 64-bit Ubuntu systems. SPRD recommends version 14.04.Ubuntu version 10.04 - 12.04 is also available. You can use the following command to view the specific version number of ubuntu:

lsb\_release -a

To install JDK 1.6 or above, you can use the following command to view the version of jdk:

java –version

Depending difference on the version of ubuntu, you may need some other compilation support tools. The complete toolkit is available on the following website

<http://source.android.com/source/initializing.ht>

For example, Ubuntu 14.04 can use the following commands to initialize the required toolkit:

sudo apt-get install git-core gnupg flex bison gperf build-essential \

zip curl zlib1g-dev gcc-multilib g++-multilib libc6-dev-i386 \

lib32ncurses5-dev x11proto-core-dev libx11-dev lib32z-dev ccache \

libgl1-mesa-dev libxml2-utils xsltproc unzip

For Kaios:

Please refer below links:

<https://github.com/seinlin/docker-build-b2g/blob/master/Dockerfile>

<https://github.com/seinlin/docker-build-b2g/blob/ubuntu_16.04/Dockerfile>

Note:

KaiOS version needs host gcc same with g++ version, and verison is higher than 4.8. The program’s name must be gcc, like gcc-4.8 such name is not working. If the machine has this version but the name is wrong, you can set a link by executing the following script, and then change the path of PATH.

ln -s /usr/bin/gcc-4.8 /usr/local/bin/Kaios/gcc

ln -s /usr/bin/g++-4.8 /usr/local/bin/Kaios/g++

export PATH=/usr/local/bin/Kaios:$PATH

**Suggestion:** There is a folder named “Kaios”(provided with this document together), we strongly suggest you to put this folder at path “/usr/local/bin/”,and then there is no need to do above link.

Compile script “update.sh” already has code like follow:

export PATH=/usr/local/bin/Kaios:$PATH

