

# **MTK Andes Tool Chains Usage**

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## **Revision History**

Date	Revision	Author	Description
2014.02.12	First v0.01	Jinchuan	Initial draft.
2014.04.15	First v0.02	Jinchuan	Add Andes Sight Setup
			Add Q&A
			***

#### **Contents**

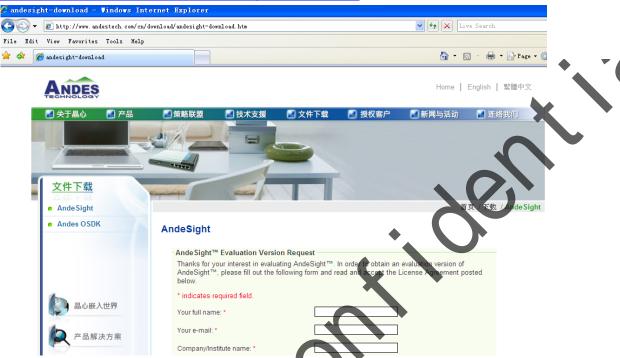
1.	Install AndeSight	3
	1-1: How to get AndeSight install files	
	1-2: Install AndeSight following the quick start :	
2	Update Tool chains	
3.	Modify MT7681 configuration file	
4.	Select Cygwin to Compile MT7681 Source Code	
	O&A	



## 1. Install AndeSight

#### 1-1: How to get AndeSight install files

http://www.andestech.com/cn/download/andesight-download.htm



Access this websit, and fill information for application

#### AndeSight

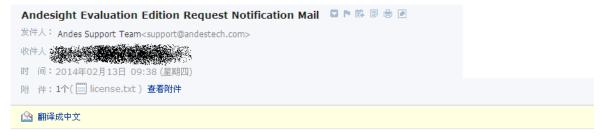
Thanks for requesting the evaluation version of AndeSight™.

You have finished your apply for evaluating Andesight. We will approve your apply in 3 days, Please check your mailbox. In the notified e-mail, it contains downloading link and quick start guide. If you have any question, please feel free to contact us via e-mail or phone. support@andestech.com +86-3-6668300

Have a nice day!

Andes Technology Corporation Marketing & Service Division

Your will receive a email include AndeSight download path, after



Dear jasonbao:

Your request for AndeSight™ evaluation version has been received and approved. This is the license file for mtech as attached.

Request ID: 527

License Type: Active Code Expiration Date: 2014/05/13

Please click the following link to download the AndeSight™ evaluation version. This link is active for 7 days from now on.

URL: http://quick.andestech.com/andesight/get\_file/db69e851201ddfded3e4d85ddbde773e

Quick Start: "AndeSight v2.0.1 MCU Quick Start"

We recommend that you use "Free Download Manager" tool to make the download smooth.

If there is any problem, please contact Andes at <a href="mailto:support@andestech.com">support@andestech.com</a>

and there is a quick start for AndeSight installation

http://forum.andestech.com/viewtopic.php?f=23&t=576&p=67

## 1-2: Install AndeSight following the quick start:

AndeSight default install Path is: C:\Andestech\AndeSight14\

The toolchains install Path is: C:\Andestech\AndeSight14\toolchains\nds32le-elf-newlib-V2j

For MTK MT7681 Project, a special tool chains should be used, Thus, we need instead the original tool chains as MTK ones

#### 2. Update Tool chains

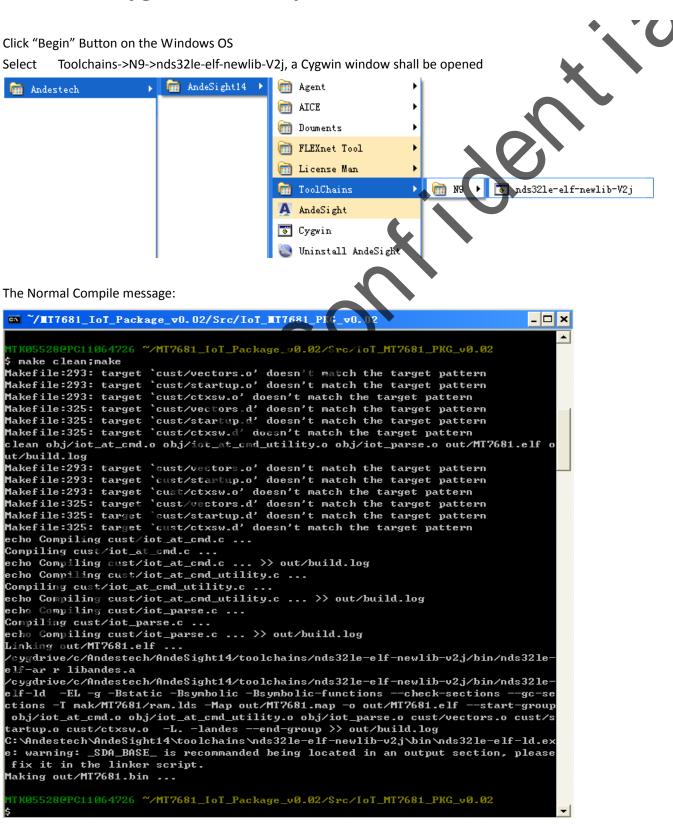
Decompress the MTK's toolchains package "nds32le-elf-newlib-v2j.rar" to C:\Andestech\AndeSight14\toolchains\nds32le-elf-newlib-v2j

The original one should be deleted or rename first.

## 3. Modify MT7681 configuration file

Modify the configuration files in MT7681 folder: mak/compiler.mk Add yellow line and delete gray line

### 4. Select Cygwin to Compile MT7681 Source Code



#### 5. Q&A

5-1: install AndeSight 之後 Toolchains 下面是空白的。請問要怎麼啟動 Cygwin





在 Win 7 OS 下 不能打开 Cygwin, 相同安装档在 Win XP 下可以

#### 5-2: 在 Cygwin 环境下编译时 提示:

原因是 toolchains 未安装 或者要装后在 mak/compiler.mk 文件中的设定不对造成

解决方法: 参考第3章,将tookhians 路径 设定到 Package 的 MT7681 Source Code (mak/compiler.mk) 中

