

## 注意事項

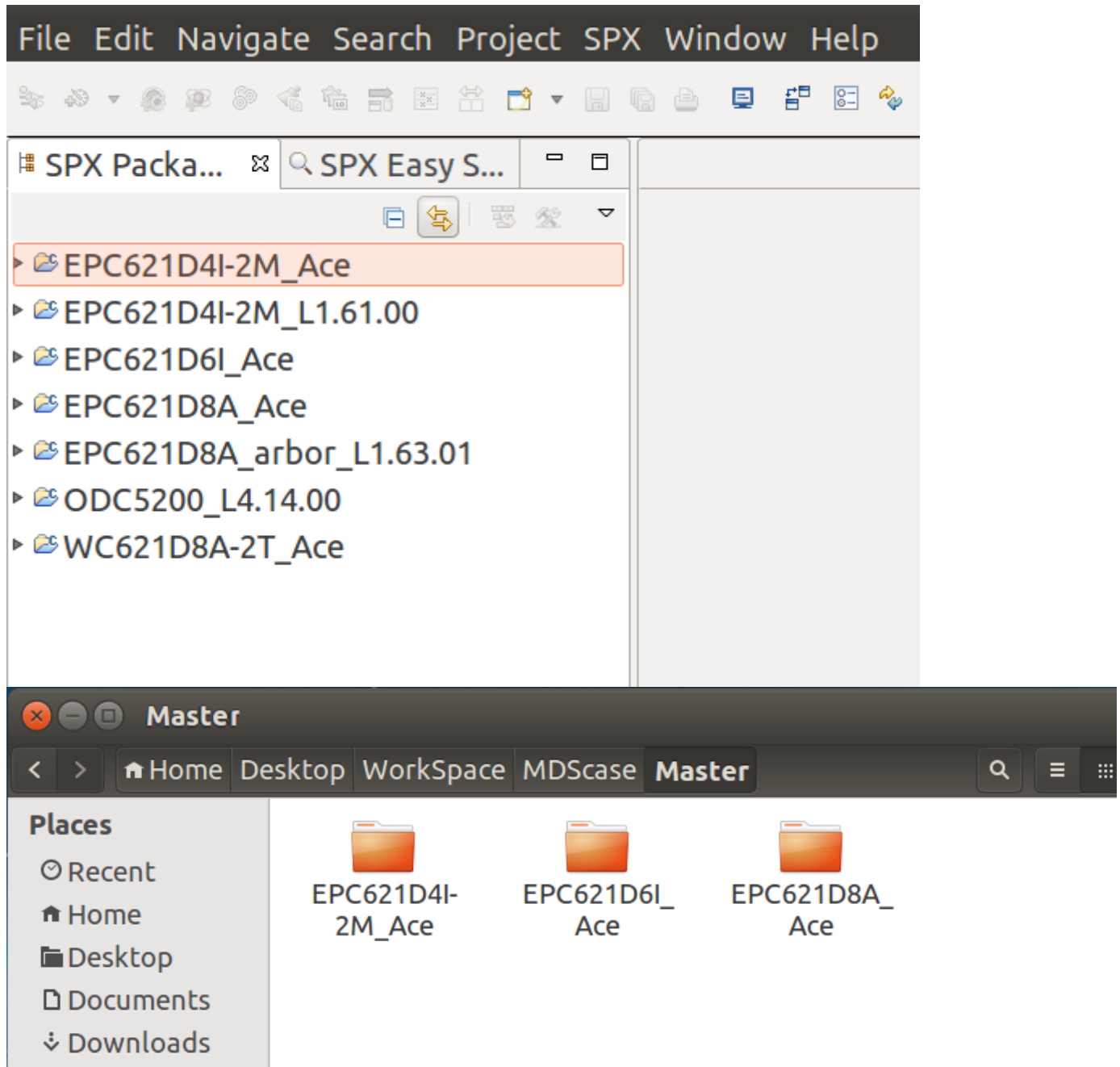
### 1 環境配置.

#### 1.1 Build機環境

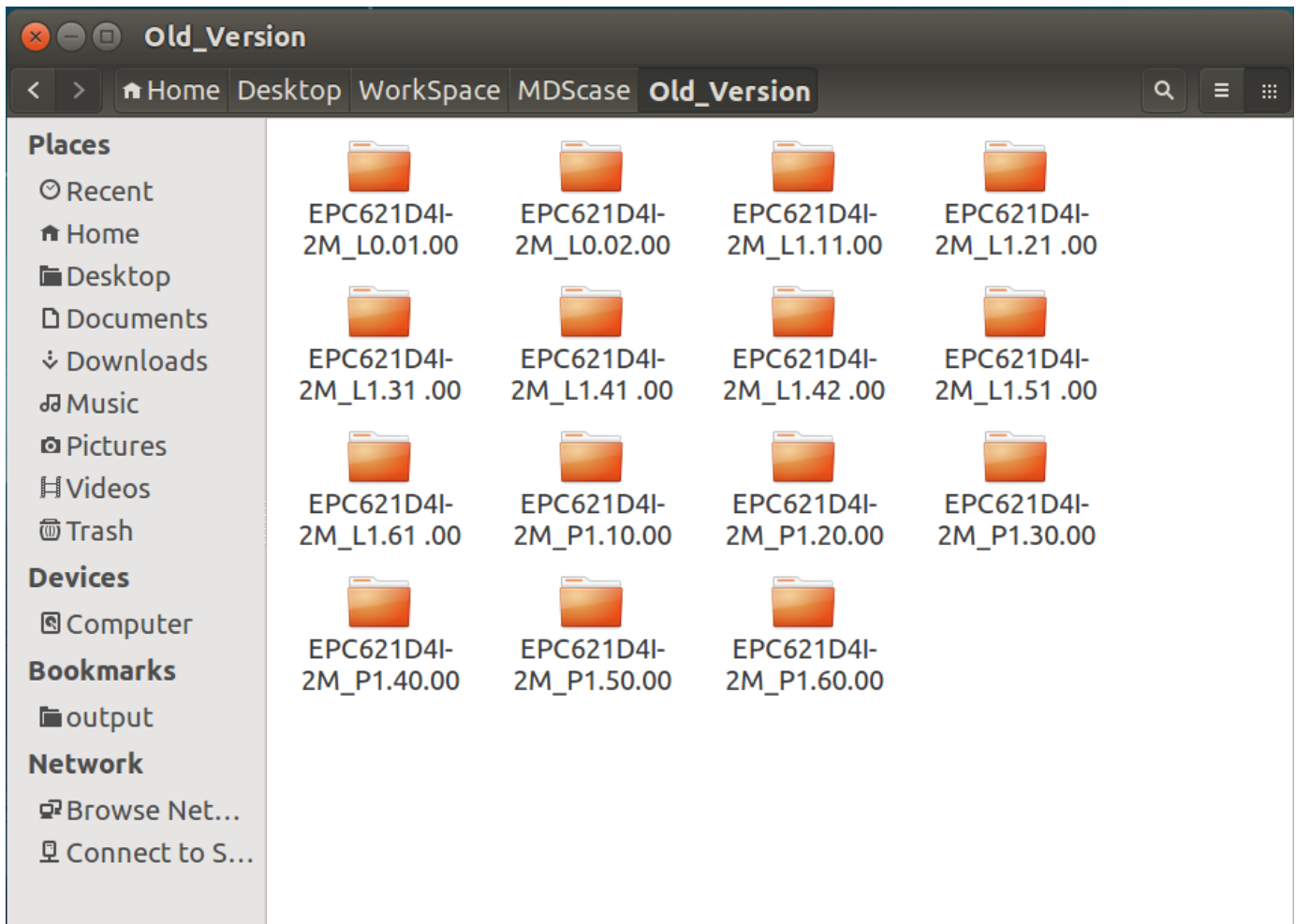
Master資料夾放最新的code base

Old\_Version資料夾放舊版code base

更改程式需在同一的專案中進行，以專案名稱EPC621D4I-2M為例: EPC621D4I-2M\_Ace為編輯環境，發L版或是P版都是以此專案為主。EPC621D4I-2M\_L1.61.00則是舊的版本，原則上不會對它進行編輯，而是用來比較差異。

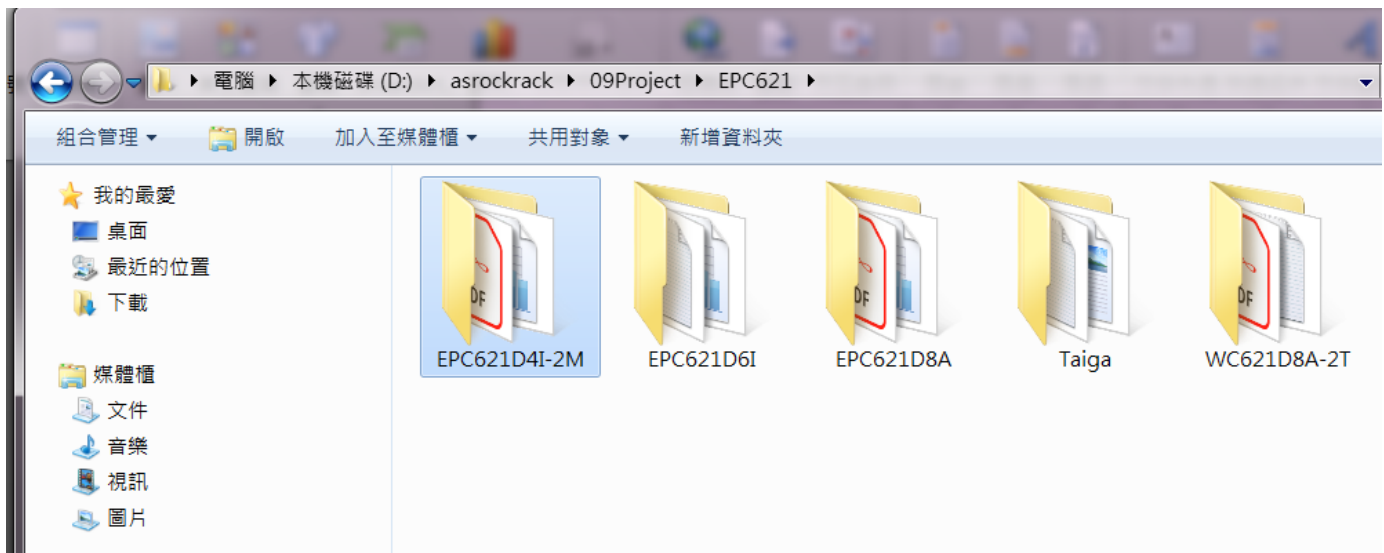


發版後再從EPC621D4I-2M\_Ace複製出一份當前版號到Old\_Version資料夾，如下圖。

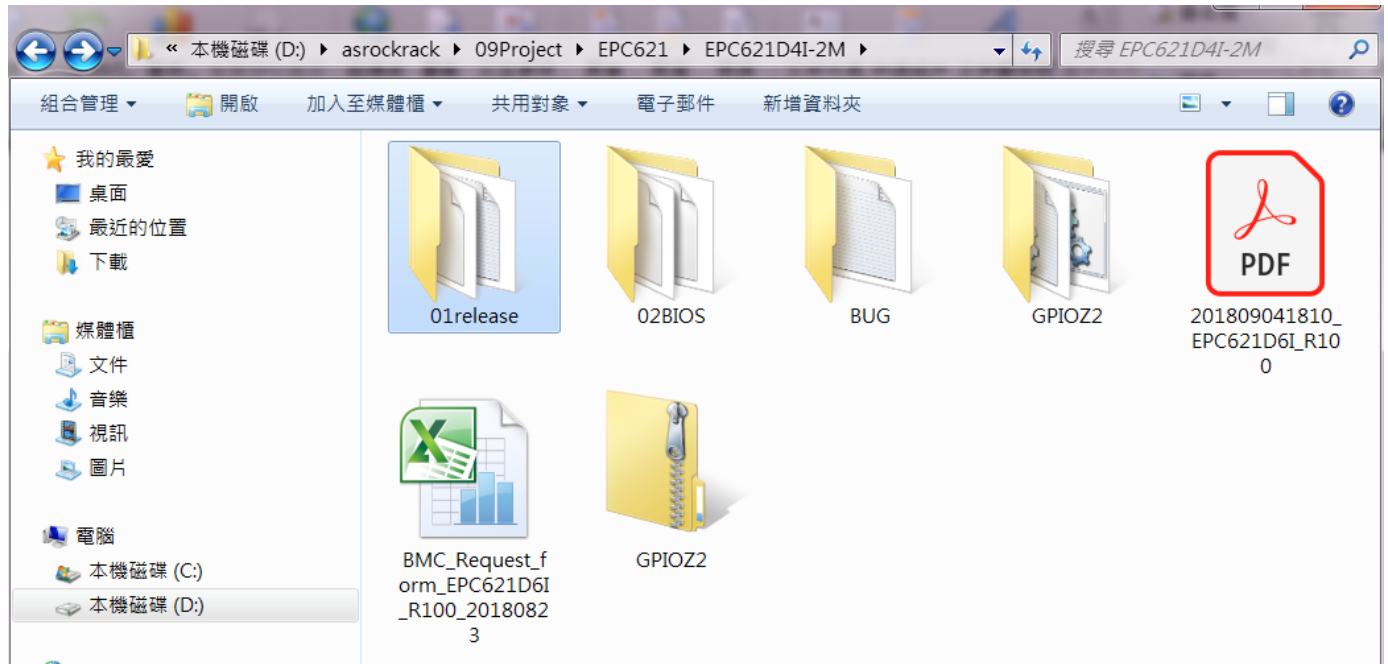


## 1.2. OA機環境

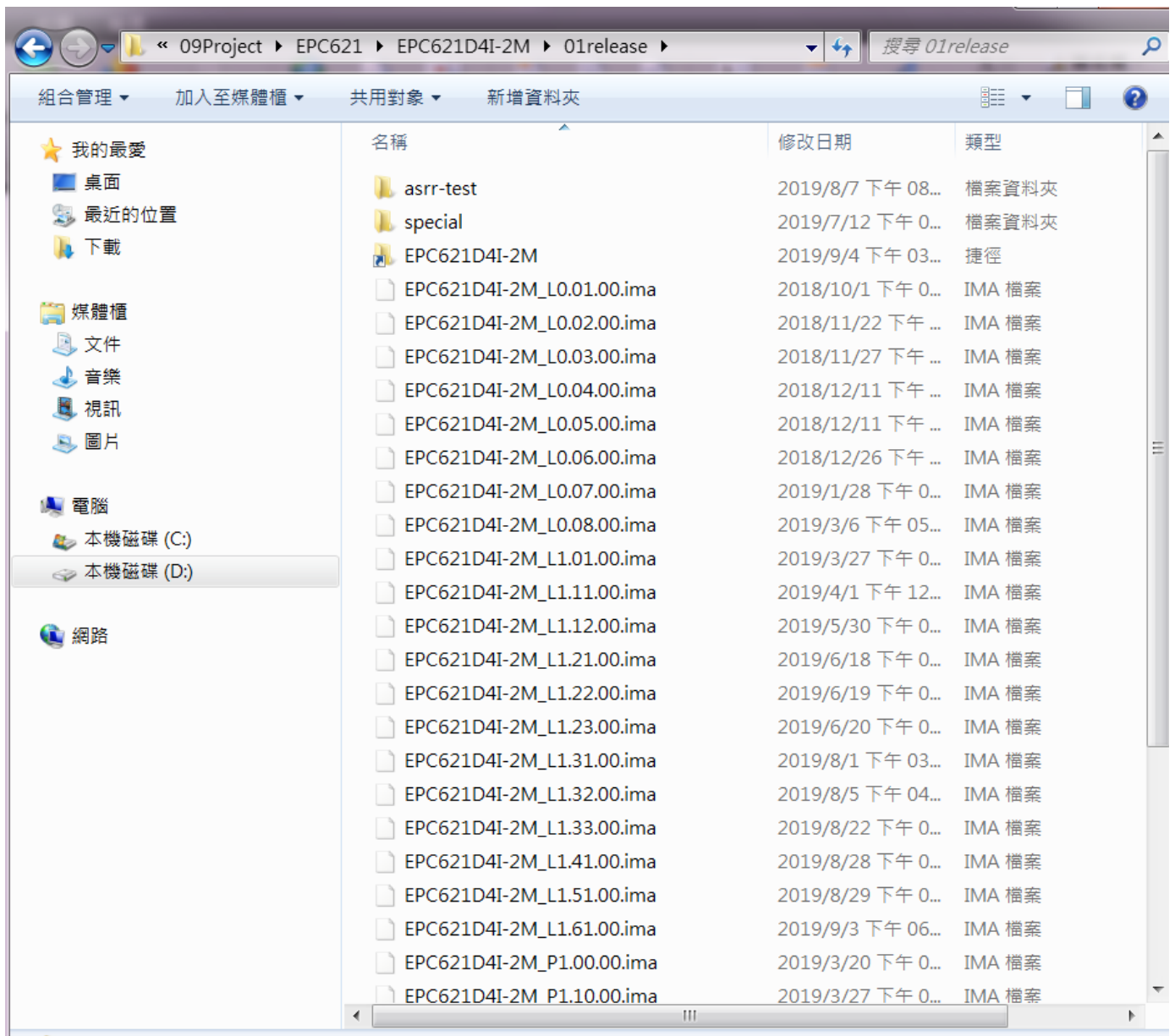
建立一個放個專案的資料夾



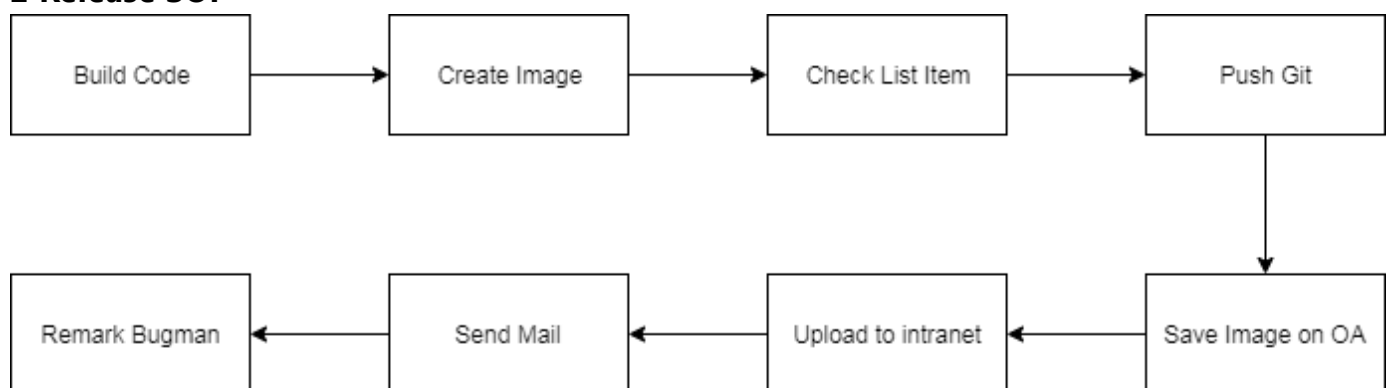
該專案資料夾會有其相關文件



最重要的是release資料夾，存放各版的image檔、History、Log、上傳內網的連結還有由此FW所出的特別版或是客戶版資料夾。從Build機將image檔放置此資料夾，再從此資料夾將image檔上傳到內網，以確保image檔正確。



## 2 Release SOP



## 2.1 Check List

Source Code Compare ↗
Check Release Note↗
Compare code with previous version↗
Check BMC Version↗
Check BMC Version ↗
Via Get Device ID↗
Display in WEB UI↗
Check Image and Package↗
Image Name↗
Package Name↗
Check Release Note↗
Release Date ↗
BMC Version↗
Check FW Update↗
Web UI↗
Check Release mail ↗
Mail Title↗
Checksum↗
BMC Version↗
Backup BMC Source Code↗
Repack source file↗
Update <u>History&amp;Log</u> file↗
Backup to <u>Git</u> server↗

4 ↗

## 2.2. Mail注意事項

L版：1. Mail Title 2. Image路徑 3. Source Code路徑 4. FW Version 5. Note

[EPC621D4I-2M] BMC Firmware L1.33.00 Release

Woody Hu(胡君陽\_ASRockRack)

寄件日期: 2019/8/22 (週四) 下午 03:01

收件者: Kai6 Yang(楊智凱\_ASRockRack); Rick Chen(陳廷璋\_ASRockRack); Tina Tseng(曾鈺庭\_ASRockRack)

副本: Weishi1 Sa(沙韋旭\_ASRockRack); Hunter1 Chen(陳式仁\_ASRockRack); Jeff C(陳松倫\_ASRockRack); Eddie1 Liu(劉鼎憲\_ASRockRack); Murphy Wang(王慕飛\_ASRockRack); Ken6 Chiu(邱柏嘉\_ASRockRack); Maguire6 Tam(譚亦全\_ASRockRack); Ian3 Chen(陳奕安\_ASRockRack); %Asrockrack\_BMCRD; %asrockrack\_FWQT

Dear all,

[\\ar-file-01\BMC\BMC\AST2500\platforms\Purley\EPC621D4I-2M\EPC621D4I-2M\\_L1.33.00.ima](#)

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BMC Project Path : EPC621D4I-2M

Firmware Version : 1.33.00

01. [Fix]

Report By : HW

Changes : Modify BMC i2c speed to 100Kb.

Verify By : BMC QT

Note

01. BMC Firmware image filename: EPC621D4I-2M\_L1.33.00.ima

02. BIOS Firmware: P621D4M2.20

Engineer Name : Woody Hu

Release Date : 16:00:00 Thur, 08-22-2019

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Repository: <http://<svn ip>/BMC/AST2500/platforms/Purley/epc621d4i-2m>

P版：1. Mail Title 2. Image路徑 3. Source Code路徑 4. FW Version\*\* 5. Checksum\*\* 6. Note

[EPC621D4I-2M] BMC Firmware P1.40.00 Release

Woody Hu(胡君陽\_ASRockRack)

寄件日期: 2019/8/22 (週四) 下午 03:01

收件者: Kai6 Yang(楊智凱\_ASRockRack); Rick Chen(陳廷璋\_ASRockRack); Tina Tseng(曾鈺庭\_ASRockRack)

副本: Weishi1 Sa(沙韋旭\_ASRockRack); Hunter1 Chen(陳式仁\_ASRockRack); Jeff C(陳松倫\_ASRockRack); Eddie1 Liu(劉鼎憲\_ASRockRack); Murphy Wang(王慕飛\_ASRockRack); Ken6 Chiu(邱柏嘉\_ASRockRack); Maguire6 Tam(譚亦全\_ASRockRack); Ian3 Chen(陳奕安\_ASRockRack); %Asrockrack\_BMCRD; %asrockrack\_FWQT

Dear all,

[\\ar-file-01\BMC\BMC\AST2500\platforms\Purley\EPC621D4I-2M\EPC621D4I-2M\\_P1.40.00.ima](#)

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BMC Project Path : EPC621D4I-2M

Firmware Version : 1.40.00

DRAM Init Code : 18

Firmware Changes :

Production release, based on L1.33.00.

Checksum: 95AB

Note

01. BMC Firmware image filename: EPC621D4I-2M\_P1.40.00.ima

02. BIOS Firmware: P621D4M2.20

Engineer Name : Woody Hu

Release Date : 16:00:00 Thur, 08-22-2019

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Repository: <http://<svn ip>/BMC/AST2500/platforms/Purley/epc621d4i-2m>

2.3. Remark Bugman

登入網站，點選ISO Bugman



SR Task

PR Task

ISO Bugman

Cable Management

ISOPDM

PCB 樣品需求單

Server System Material ECN

Fitted ECN (ASRock6)

物料管理系統 (Lenovo)

物料管理系統 (永擎)

物料管理系統 (華擎)

Logout

方法一Step1: 在該bug點選編輯

ASRock Rack Systems

ISO PDM

PCB 樣品需求單

SR Task SVR

PR Task SVR

ECN SVR

Cable Mgmt

ISO Bugman

Models

Bugs

我的帳號

登出

ID	Category	Stage	Description	Status	Priority	Date	Action	Action
0032	BMC QT	Stage 1	Execute power cycle stress via share NIC, KVM will disconnect	Close	Middle	2018/12/3 17:13	展開	編輯
0037	BBU	External I/O	Serial Port can not work - COM1	Close	Stopper	2018/12/5 11:37	展開	編輯
0048	BBU	Miscellaneous	Smart Fan	Close	Stopper	2018/12/5 15:46	展開	編輯
0049	BBU	Miscellaneous	BMC PHY (IPMI Lan port)	Close	Stopper	2018/12/5 17:23	展開	編輯
0050	BBU	Factory	On board VGA	Close	Stopper	2018/12/5 19:27	展開	編輯
0053	BBU	Factory	COM1	Close	Stopper	2018/12/5 19:29	展開	編輯
0055	BBU	Factory	LAN loopback(windows)	Close	Stopper	2018/12/5 19:31	展開	編輯
0058	BMC QT	Stage 1	Sensor Card side Temp abnormal under BMC web and HW monitor	Close	Middle	2018/12/13 17:40	展開	編輯
0061	QTR	General Validation	Card Side Temp show 123 C degrees in 25C.	Close	Middle	2018/12/19 11:59	展開	編輯
0065	BMC QT	Stage 2	ASCII code mismatch with model name	Close	Middle	2019/1/7 10:01	展開	編輯
0066	BMC QT	Stage 2	After excute Suspend BMC ARPs, check still can get BMC IP	Close	Middle	2019/1/7 10:02	展開	編輯
0067	BMC QT	Stage 2	BMC web cannot delete a exist user	Close	Middle	2019/1/7 10:03	收合	編輯

Problem - CentOS-64 7.3

Doris2\_Chiang (2019/1/7 10:03)

\*\*\*Problem Description\*\*\*

Create a new user and delete it, check cannot delete successfully.

Remark

Doris2\_Chiang (2019/4/9 15:30)

Close meeting follow up: Close

Eddie\_Kao (2019/4/2 12:05)

Use BMC:P1.10.00 + BIOS:P2.10 retry pass

Can delete exist user

Woody\_Hu (2019/1/28 17:01)

please verify by L0.07.00.

Eddie\_Kao (2019/1/11 15:20)

Close meeting follow up: BMC

Quick Remark

Submit

請選擇

Bug Owner

方法一Step2: 在Remark註記verify哪個版本

ASRock Rack Systems

Modify Bug - EPC621041-2M

Title BMC web cannot delete a exist user

Item1 BMC QT

Item2 Stage 2

BMC L0.06.00

Rev 1.00

BIOS L0.06

SATA BIOS mode AHCI

3rd SATA mode

Fast Boot

Support CD N/A

Bug Status Close

Priority Middle

Power ASRS-POWER-SILVERSTONE-SST-ST85F-GS-850W-80PLUS/GOLD-08

CPU ASRS-CPU-SKYLAKE-SERVER-3647-6134-QMRL-3.2G-100-H0-130W-24.75M-13

VGA OnBoard VGA

Dimm 4

Slot 01 ASRS-SODIMM-DDR4-KINGSTON1-4G-2133-15-ECC-1.2V-06

Memory Slot 02 ASRS-SODIMM-DDR4-KINGSTON1-4G-2133-15-ECC-1.2V-07

Slot 03 n/a

Slot 04 n/a

Other Device

Sample Number 17453964-0000002

OS CentOS-64 7.3

Problem

Problem History

Solution

Remark

Remark History

Bug Owner BMC

## 方法二: 使用Quick remark

0088 BMC QT Production The KVM video recording is abnormal when open clocks under Redhat and the browser is IE Open Middle 2019/4/2 11:41 收合 編輯

Problem - RedHat-64 7.3

Doris2\_Chiang (2019/4/2 11:41)

\*\*\* Problem Description \*\*\*

1. Open Clocks[Stopwatch] under Redhat7.3 then record video, when the counter is zeroed, but the browser does not save the file(IE version 11.0.9600.19035)

2. Open Clocks[Stopwatch] under Redhat7.3 then record video, when the counter is zeroed, it will cause the browser to crash(IE version 11.316.17763.0)

Remark

Doris2\_Chiang (2019/4/9 15:33)

Close meeting follow up: BMC

Quick Remark

請選擇

Bug Owner

Submit

Remark 方式可以使用2種，在哪一版修正，修正了甚麼與不用改code，remark完就close

### 1. 在哪一版修正，修正了甚麼

0186 BMC QT BMC Verify The description of threshold event log is not correct in detail SEL downloaded file Close Middle 2018/10/29 17:03 收合 編輯

Problem - N/A

Kaijie\_Zheng (2018/10/29 17:03)

\*\*\*Problem Description\*\*\*

1. Trigger sensor type as below Temperature, voltage

2. Login BMC web and navigate to event log page

3. Click button "Download Event Logs" and check the description is correct in downloaded file

4. Check the description of threshold event log is not correct in detail SEL downloaded file, please refer attached file

Remark

Kaijie\_Zheng (2018/11/8 12:15)

Close meeting follow up: Close

Kaijie\_Zheng (2018/11/8 11:42)

Use MB:EP2C621D16-4LP Rev1.02 + BIOS:P1.30 + BMC:P1.20.00 retry Pass.

Check distinguish threshold correct in detail SEL downloaded file

Tony9\_Liu (2018/11/7 13:27)

Distinguish threshold event log is "Upper Threshold" or "Lower Threshold", please retry by P1.20.00

Doris2\_Chiang (2018/10/30 15:09)

Close meeting follow up: BMC

Kaijie\_Zheng (2018/10/29 17:03)

附加檔案: Sel\_Log\_4LP\_1026.zip

Quick Remark

請選擇

Bug Owner

Submit

### 2. 不用改code，remark完就close

Problem - CentOS-64

Doris2\_Chiang (2019/8/2 18:13)

\*\*\* Problem Description \*\*\*

Trigger fan sensor or PCH Temp system fault LED does not light

Remark

Doris2\_Chiang (2019/9/16 15:33)

Close meeting follow up: Close

Tony9\_Liu (2019/9/12 15:48)

System Fault LED for Critical Error is "Blinking Red Light", please close this issue.

## 3. 附錄

### 3.1. Log注意事項

Log需紀錄每個項目改了那些檔案，方便之後了解修正了哪些檔案



```

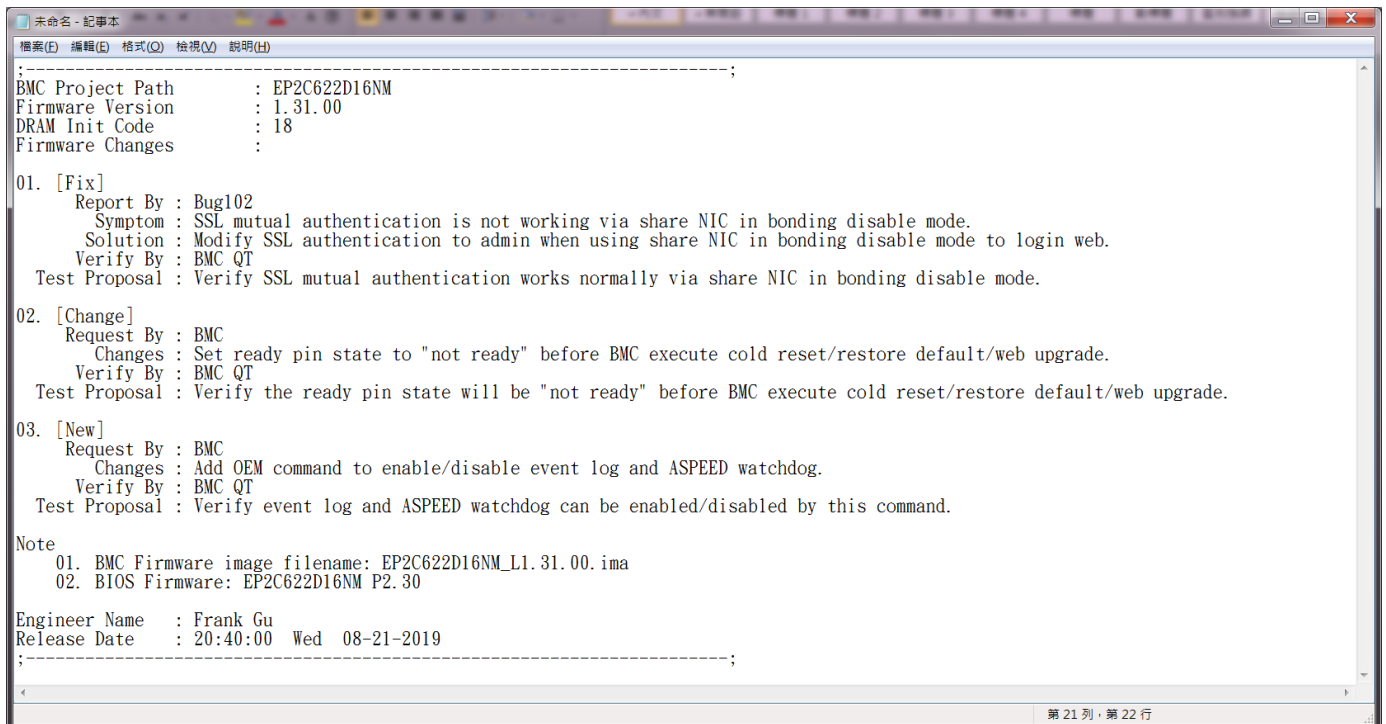
;-----
;EPC621D4I-2M : L1.23.00
;-----
01. [Fix]
    Report By   : BMC
    Changes     : Fixed can not get BMC NCSI MAC.
    Verify By   : BMC QT
                /libipmipdk-2.22.0-ARM-AST2500-AST2500EVB-AMI-src/data/PDKHooks.c

02. [Fix]
    Report By   : BMC
    Changes     : Modify BMC ready function.
    Verify By   : BMC QT
                /libipmipdk-2.22.0-ARM-AST2500-AST2500EVB-AMI-src/data/PDKHW.c
;-----

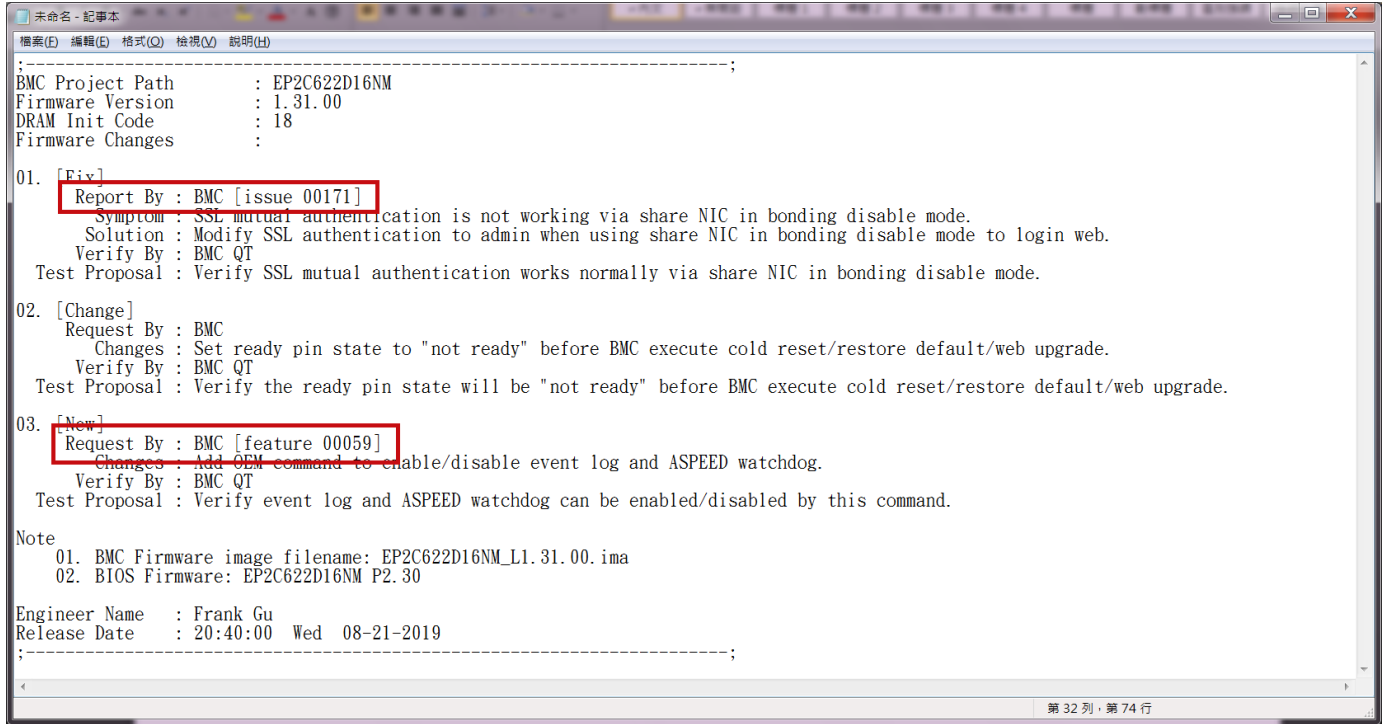
```

### \*\*3.2 History格式\*\*

History格式如下圖，內容分為三種[Fix]、[Change]、[New]。[Fix]大多為修正Bug，[Change]則是更改例如更換Web Logo、同一功能但用不同的做法更改，[New]則是新增新功能，例如增加code team feature。



新增code team feature or issue可以在Report那列標記，不強制，如下圖。



### 3.3 版號規則

Release 版號規則：L[major].[minor].[aux]、P[major].[minor].[aux]

L0.01.00 -> L0.02.00 -> ...



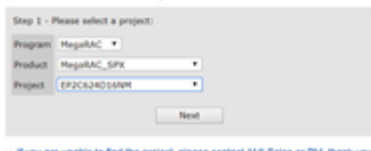



P1.00.00 L1.01.00 -> L1.02.00 -> ...

P1.10.00 L1.11.00 -> L1.12.00 -> ...

P1.20.00 L1.21.00 -> L1.22.00 -> ...

還沒有轉P前L0.01.00除了可以到L0.09.00還可以繼續往上L0.10.00 ... L0.55.00 ... L0.99.00 ...。轉P後L1.01.00到L1.09.00之後再進版只能變成L1.09.01雖然會跟special 衝突但是不能進minor版號。

### 3.4 AMI EIP



<h4>1.進入 AMI 點選 EIP↗</h4> 	<h4>2.Issue Tracking 中點選 NEW↗</h4> 
<h4>3.Open Issue 填寫如下↗</h4> 	<h4>4.表單填寫(1/3)↗</h4> 
<h4>5.表單填寫(2/3)↗</h4> 	<h4>6.表單填寫(3/3)↗</h4> 

表單填寫(1/3)注意事項: Synopsis開頭必須填寫[ASRock-MegaRAC]

表單填寫(2/3)注意事項: Cove Ver、Category、Product、Priority必須填

表單填寫(3/3)注意事項: CC List請記得把主管加進去

AMI回復後要再繼續提問

<h4>1.點選 Edit Issue↗</h4> 	<h4>2.提問內容於 Comments 中↗</h4> 
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