

```
android@ubuntu:~/work/v2520Debug/baseline/packages/apps$ git status
当前不在任何分支上。
尚未暂存以备提交的变更：
  （使用 "git add <file>..." 更新要提交的内容）
  （使用 "git checkout -- <file>..." 丢弃工作区的改动）

修改：      Camera2/src/com/android/camera/CameraActivity.java
修改：      Gallery2/res/values/bool.xml
修改：      Gallery2/src/com/android/gallery3d/app/GalleryActionBar.java
```

```
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/platform/configs$ git add
v2520/sym_bd/PlatformConfigs.xml
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/platform/configs$ git sta
```

#### 4. git status

```
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/requirement/sym_bd$ git status
当前不在任何分支上。
要提交的变更：
  （使用 "git reset HEAD <file>..." 撤出暂存区）

新文件：
  overlay/packages/apps/DeskClock/res/values-bn-rBD/array.xml
新文件：
  overlay/packages/apps/DeskClock/res/values-bn-rBD/strings.xml
新文件：
  overlay/packages/apps/DeskClock/res/values-bn-rBD/strings.xml~
```

```
git commit -m "<REQ> <CFCAMBDA-106> <V2520AN_SYM_BD_6.0:[CMIS011953][BD][5288] [Camera] It does not show the name of preview photo or videos.[Always]>"
```

```
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/platform/configs$ git commit -m "<REQ><CFCAMBDA-106><V2520AN_SYM_BO_6.0>[CM
[5011953][B0][5288] [Camera] It does not show the name of preview photo or videos.[Always]>"
```

```
android@ubuntu:~/work/V2520Debug/baseline/vendor/tinno/platform/configs$ git branch -a
* (非分支)
remotes/n/sw -> tinno/V2520AN_6.0_SYM_BD_V1.1
remotes/tinno/5c7733d_5k_V1.1
remotes/tinno/V2506LA_6.0_QMB_PK_BR1_V1.1
remotes/tinno/V2506LA_6.0_QMB_PK_BR2_V1.1
remotes/tinno/V2508AN_6.0_MCL_MTN_ZA_BR1_V1.1
remotes/tinno/V2510AN_6.0_BLU_US_V1.1
remotes/tinno/V2510AN_6.0_LAX_TEL_MX_BR1_V1.1
remotes/tinno/V2520AN_6.0_SYM_BD_V1.1
remotes/tinno/V2804AN_6.0_MCL_MTN_ZA_BR1_V1.1
remotes/tinno/V2804AN_6.0_MCL_ZA_BR1_V1.1
remotes/tinno/V2808AN_6.0_CLF_PH_V1.1
remotes/tinno/V2808AN_6.0_QMB_PK_V1.1
remotes/tinno/V2808AN_6.0_SYM_BD_BR1_V1.1
remotes/tinno/master
```

```
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/platform/configs$ git push tinno HEAD:V2520AN_6.0_SYM_BD_V1.1
To gerrit189:/platform/sc/sc773ic/platform/vendor/tinno/platform
```

```

[1]+  git push --help 449 Note about fast-forward:
git
android@ubuntu:~/work/v2520Debug/baseline/vendor/ti/platform/configs$ git relog
de98bfe HEAD@{0}: commit: <R0><CFCAMBDA-106><V2520AN_SYM_BD_6.0:[CMIS011953][BD][5288] [camera] It does no
14ac8ce

[1]+ 已停止          git relog

```

```
baseline/vendor/tinno/platform/: discarding 1 commits
android@ubuntu:~/work/v2520Debug/baseline/vendor/tinno/platform/configs$ git cherry-pick de98bfe
请执行如下命令: sudo apt-get install python-mysqldb
```

```

android@ubuntu:~/work/V2520Debug/baseline/packages/apps/SoundRecorder$ gitk .
android@ubuntu:~/work/V2520Debug/baseline/packages/apps/SoundRecorder$ git reset HEAD res/layout-480x320/main_overlay.xml
重置后撤回暂存区的变更：
M   apps/SoundRecorder/res/layout-480x320/main_overlay.xml
android@ubuntu:~/work/V2520Debug/baseline/packages/apps/SoundRecorder$ git status
# Conflicts:
#       bcbaf74
要提交的变更：
  （使用“git reset HEAD <file>...” 撤回暂存区）

      修改：      AndroidManifest.xml

尚未暂存以备提交的变更：
  （使用“git add <file>...” 更新要提交的内容）
  （使用“git checkout -- <file>...” 丢弃工作区的改动）

```

////////////////////////////////////  
git diff src/com/android/fmradio/FmRecordActivity.java 对比  
git checkout XXXXX 还原文件。

////////////////////////////////////  
合原型的某一条记录，通过id合并

1. gitk --all &
2. git cherry-pick (-nr 不提交)id; 合并 id 原型
3. git reset (--h 全部还原暂存区 )

```
android@ubuntu:~/work/V2520Ctx/baseline/packages/apps/Camera2$ gitk --all&
[1] 23087
android@ubuntu:~/work/V2520Ctx/baseline/packages/apps/Camera2$ git cherry-pick 702fa0d570297c78017ea9d51026a5010157b841
```

3. git commit -m "<>"
- 4.git branch -a
5. git push tinno HEAD:

////////////////////////////////////  
合并原型的所有记录，以分支的方式进行合并：

1. 同步最新的代码：repo sync，找到原型git branch -a。原型一般是基线项目。

```
android@ubuntu:~/0_test_yy/3800/frameworks$ git branch -a
* (非分支)
remotes/n/sw -> tinno/V3800AN_7.0_IVA_AF_V1.1
remotes/tinno/ALP5-MP-N0.MP2-V1_TINNO6580_WE_N_KERNEL_patch
remotes/tinno/MT6580_7.0_DEV_V1.1
remotes/tinno/MT6580_7.0_FEATURE_V1.1
remotes/tinno/MT6580_7.0_V1.1
remotes/tinno/T2600BN_7.0_LAX_TEL_MX_V1.1
remotes/tinno/V2600BN_7.0_BMO_MOV_GT_V1.1
remotes/tinno/V2600BN_7.0_LAX_TEL_MX_V1.1
remotes/tinno/V2600BN_7.0_V2.1
remotes/tinno/V3610AN_7.0_BQ_RU_V1.1
remotes/tinno/V3610AN_7.0_CLF_PH_V1.1
remotes/tinno/V3610AN_7.0_SIN_KH_V1.1
remotes/tinno/V3610AN_7.0_V1.1
remotes/tinno/V3610AN_7.0_V2.1
remotes/tinno/V3702_7.0_DCC_V1.1
remotes/tinno/V3710AN_7.0_BQ_RU_BR1_V1.1
remotes/tinno/V3710AN_7.0_BQ_RU_V1.1
remotes/tinno/V3710AN_7.0_MCL_ZA_V1.1
remotes/tinno/V3710AN_7.0_V1.1
remotes/tinno/V3710AN_7.0_V2.1
remotes/tinno/V3800AN_7.0_BQ_RU_V1.1
remotes/tinno/V3800AN_7.0_IVA_AF_V1.1
```

2. repo forall -p -c git merge <原型分支TAG> > merge\_0211.log

```
android@ubuntu:~/0_test_yy/3800$
android@ubuntu:~/0_test_yy/3800$ repo forall -p -c git merge remotes/tinno/V3710AN_7.0_V2.1 > merge_0211.log
android@ubuntu:~/0_test_yy/3800$
android@ubuntu:~/0_test_yy/3800$
```

3. 提交修改。如果没有冲突直接push

```
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$ gitk
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$ git push tinno HEAD:V3800AN_7.0_IVA_AF_V1.1
Total 0 (delta 0), reused 0 (delta 0)
remote: Processing changes: (-)
remote: Processing changes: refs: 1, done
To gerrit207:mt6580n/platform/kernel-3.18/drivers
2db5585..80c8dc9 HEAD -> V3800AN_7.0_IVA_AF_V1.1
```

如果有冲突，先修改，在commit，最后push

```
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$ git commit -m "<REQ><PUBLIC-2><合并原型>"
当前不在任何分支上。
无文件要提交，干净的工作区
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$ gitk
android@ubuntu:~/0_test_yy/3800/kernel-3.18/drivers$ git push tinno HEAD:V3800AN_7.0_IVA_AF_V1.1
Total 0 (delta 0), reused 0 (delta 0)
remote: Processing changes: (-)
remote: Processing changes: refs: 1, done
To gerrit207:mt6580n/platform/kernel-3.18/drivers
2db5585..80c8dc9 HEAD -> V3800AN_7.0_IVA_AF_V1.1
```

////////////////////////////////////  
如果想回退到某一个ID号，仅仅是指针指向了当前ID。

git checkout id

```
android@ubuntu:~/work/V3800_AF/3800/kernel-3.18/drivers$ gitk
android@ubuntu:~/work/V3800_AF/3800/kernel-3.18/drivers$ git checkout 7124b867595cf7d5d80c43137095aff4c5b4b5fd
```

如果是回退服务器，可以强推

git push -f tinno HEAD:V3991AN\_6.0\_PATCH

////////////////////////////////////

如果仅仅对某一个ID进行回退，本地的代码。

git log -number, 查看记录

```
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$ git log -4
commit ba1e013afd0d491ce9c8a1a20eacb370f7512f8f
Author: pan.ye <pan.ye@tinno.com>
Date: Mon Jan 16 09:19:15 2017 +0800

    <PATCH><SCM>-><ALPS03125401 TINNO6580_WE_N_GPRS_HSPA_MOLY_WRB_W1449_MD_WG_MP_V91.5.P4 集成基线代码补丁，问题描述:[Description]: NA>

    Change-Id: I9153e295e5325153fc0bda6f27dcd50818084b

commit 4576a0b3caafe7136027e45eda5777e79d55b7a
Author: pan.ye <pan.ye@tinno.com>
Date: Fri Jan 13 11:36:15 2017 +0800

    <PATCH><SCM>-><ALPS03108745 TINNO6580_WE_N_GPRS_HSPA_MOLY_WRB_W1449_MD_WG_MP_V91.5.P3:集成基线代码补丁，问题描述:开机、重启或切换网络时，Vota注册失败>

    Change-Id: Ia5aca69542c2cd4b876aeb2912dff9c15c19d51
```

git revert id

```
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$ git revert ba1e013afd0d491ce9c8a1a20eacb370f7512f8f
分离头指针 e134c5a] Revert <PATCH><SCM>-><ALPS03125401 TINNO6580_WE_N_GPRS_HSPA_MOLY_WRB_W1449_MD_WG_MP_V91.5.P4 集成基线代码补丁，问题描述:[Des
17 files changed, 4 insertions(+), 52 deletions(-)
delete mode 100644 PatchList_V91_5_P4.txt
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3
delete mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3.check
delete mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4.check
create mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3
delete mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4
create mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3.check
delete mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4.check
android@ubuntu:~/work/test/3800/moden$
```

git commit -amend -m

```
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$ git commit --amend -n "<PATCH><SCM>-><ALPS03125401 TINNO6580_WE_N_GPRS_HSPA_MOLY_WRB_W1449_MD_WG_MP_V91.5.P4 集成基线代码补丁，问题描述:[Description]: NA>revert"
分离头指针 4245599] <PATCH><SCM>-><ALPS03125401 TINNO6580_WE_N_GPRS_HSPA_MOLY_WRB_W1449_MD_WG_MP_V91.5.P4 集成基线代码补丁，问题描述:[Description]: NA>revert
17 files changed, 4 insertions(+), 52 deletions(-)
delete mode 100644 PatchList_V91_5_P4.txt
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3
delete mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3.check
delete mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4.check
create mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3
delete mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4
create mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P3.check
delete mode 100644 ntk_rel/TINNO6580_WE_N_HSPA/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5_P4.check
```

git branch -a

```
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$ git branch -a
* (HEAD detached)
remotes/origin/* -> tinno/V3800AN_7.0_IVA_AF_V1.1
remotes/tinno/ALPS-HP-NO-RP2-V1_TINNO6580_WE_N_KERNEL_patch
remotes/tinno/MT6580_7.0_DEV_V1.1
remotes/tinno/MT6580_7.0_F1A00E_V1.1
remotes/tinno/MT6580_7.0_V1.1
remotes/tinno/T2600BN_7.0_LAX_ILI_MX_V1.1
remotes/tinno/V2600BN_7.0_BMO_MW_G_V1.1
remotes/tinno/V2600BN_7.0_LAX_ILI_MX_V1.1
remotes/tinno/V2600BN_7.0_V2.1
remotes/tinno/V2610AN_7.0_QMO_PK_V1.1
```

git push

////////////////////////////////////

或者在回退某一条记录时：

可以直接git revert id，然后会弹出一个vi编辑界面，进行编辑，将id号和标题进行处理。然后再push即可（去掉标题的引号，及引号外面的东西，和commitid）。

```
remote: Processing changes: refs: 1, done
to gerrit207:mt6580n/platform/moden
4245599..09a5a22 HEAD -> V3800AN_7.0_IVA_AF_V1.1
android@ubuntu:~/work/test/3800/moden$ git revert db041c7bd6d87badbca488c2beaf13c22ff075a3
分离头指针 23d7e67] <REQ><D3J0N-602>->V3991AN_MTG737_6.0:集成补丁，删除不必要的database>
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5
create mode 100644 ntk_rel/TINNO6580_WE_N_GPRS/DEFAULT/tst/database/_BPLGUInfoCustomApp_MT6580_500_MOLY_WRB_W1449_MD_WG_MP_V91_5.check
android@ubuntu:~/work/test/3800/moden$
android@ubuntu:~/work/test/3800/moden$ git push tinno HEAD:V3800AN_7.0_IVA_AF_V1.1
Counting objects: 1, done.
Writing objects: 100% (1/1), 263 bytes | 0 bytes/s, done.
Total 1 (delta 0), reused 0 (delta 0)
remote: Processing changes: {}
remote: Processing changes: refs: 1, done
to gerrit207:mt6580n/platform/moden
09a5a22..23d7e67 HEAD -> V3800AN_7.0_IVA_AF_V1.1
android@ubuntu:~/work/test/3800/moden$
```

////////////////////////////////////

合并原型补丁,针对某一仓库

```
moden/: discarding 4 commits
android@ubuntu:~/work/test/3800/moden$ git merge remotes/tinno/V3710AN_7.0_V2.1
更新 ba1e013..4bdfbdc
Fast-forward
 PatchList_V91_5_P5.txt | 58 ++++++++
 PatchList_V91_5_P6.txt | 63 ++++++++
 PatchList_V91_5_P7.txt | 17 +++
```

////////////////////////////////////

如果对提交的内容进行修改,最近一条。

git add amend

////////////////////////////////////

如果给了一个 commit id , 需要合并tag或patch , 即可以

git cherry-pick commitId.

git push

////////////////////////////////////

合基线patch

进.repo/manifests/下 , gitk remotes/origin/patch

```
origin/patch
bash: 进.repo/manifests/下 , gitk: 没有那个文件或目录
android@ubuntu:~/work/3702/.repo/manifests$ gitk remotes/origin/patch
```



repo forall -p -c git cherry-pick TINNO6580\_WE\_M\_ALPS-MP-M0.MP1-V2.34\_P53 > P06.xml

```
<default remote="tinno" revision="refs/tags/TINNO6580_WE_M_ALPS-MP-M0.MP1-V2.34_P53"/>
```

```
android@ubuntu:~/work/3702/.repo/manifests$ repo forall -p -c git cherry-pick TINNO6580_WE_M_ALPS-MP-M0.MP1-V2.34_P53 > ~/work/3702/patch/P53_patch.log
~/work/3702
```

git push

```
<project name="mt6580m/baseline" path="baseline" revision="1ce25627084038c6d734f2808f4f91426ef78513" upstream="refs/tags/TINNO6580_WE_M_ALPS-MP-M0.
<project name="mt6580m/platform/frameworks" path="baseline/frameworks" revision="e076378ad807d8e28a3e7b93fde9bbd9c93072df" upstream="refs/tags/TINNC
```

////////////////////////////////////

在合基线时,还可以将每个仓库与patch ID记录下来, .

```
1 baseline (253, 254, 255, 256, 257, 258, 259, 260, 261, 262,
2 kernel-3.18 (253, 255, 259, 260, 261,
3 system (255, 262,|
4 frameworks (256, 257, 258, 259, 262,
5 packages/apps/Messaging (256,
6 packages/apps/Nfc (262,
7 device/mediatek (259,
8 vendor/mediatek/proprietary/frameworks (259,
9 vendor/mediatek/proprietary/hardware (254, 259,
```

然后再进入每个仓库,针对每个修改进行合入

gitk --all

```
文件(F) 编辑(E) 查看(V) 搜索(S) 终端(T) 帮助(H)
android@ubuntu:~/disk/2500_debug/baseline$ gitk --all
```

#git cherry-pick patch\_Id



```
2. repo forall -p -c git merge XXX > ./xxxx.xml
```

////////////////////////////////////.

(不需要提交)

////////////////////////////////////.

```
//使用review 提交
```

```
git push tinno HEAD:refs/for/K600AG_7.1_MAS_V1.1
```