**对原生Webrtc/Libjingle的Changelog**

**1、Makefile的修改**

5）第三方webrtc的video render屏蔽(MCU版)

thirty\_party/webrtc/modules/video\_render\_module.target.mk

注释掉DWEBRTC\_LINUX，和先关.O编译

7)gtkrenderer的修改(模糊)(MCU版)

删除libjingle\_media.target.mk相关编译

$(obj).target/$(TARGET)/talk/media/devices/gtkvideorenderer.o \

**2、代码修改**

1）expat使用(模糊)

修改使用到expat的代码,使其使用项目自带的

talk/xmllite/xmlbuilder.h xmlparser.h  
talk/xmpp/xmppstanzaparser.cc

有tuyj标记

2)X11头文件包含

talk/base/linuxwindowpicker.h 添加 X11/Xlib.h

3）屏蔽aec音频问题

third\_party/webrtc/modules/audio\_processing/aec/aec\_core\_sse2.c:238: error: shift must be an immediate  
third\_party/webrtc/modules/audio\_processing/aec/aec\_core\_sse2.c:319: error: shift must be an immediate  
只申明变量不初始化，有tuyj标记  
  
4）屏蔽video\_capture问题(MCU版)  
third\_party/webrtc/modules/video\_capture/video\_capture\_factory.cc :29   
VideoCaptureFactory::CreateDeviceInfo  
VideoCaptureFactory::Create  
写死return NULL，有tuyj标记  
  
5）屏蔽WindowPicker问题(MCU版)  
/home/root/vmediax/mk.libjingle/trunk/talk/base/windowpickerfactory.h ：59  
CreateWindowPicker

写死return NULL，有tuyj标记

6）屏蔽isac中lrint的问题

thirty\_party/webrtc/modules/audio\_coding/codecs/isac/main/source/os\_specific\_inline.h ：19

有tuyj标记

7）有虚函数却没有虚析构函数

talk/base/sigslot.h:431  
third\_party/webrtc/modules/video\_capture/include/video\_capture\_defines.h:124

talk/app/webrtc/peerconnectioninterface.h:348

talk/app/webrtc/peerconnectioninterface.h:252

**3、库的安装**

1）下载安装 pulseaudi (模糊)

生成的头文件和库见最下的附录

附录：

**pulseaudi 相关文件：**

pulseaudio-libs：  
/etc/pulse/  
/etc/pulse/client.conf  
/usr/lib/libpulse-simple.so.0  
/usr/lib/libpulse-simple.so.0.0.1  
/usr/lib/libpulse.so.0  
/usr/lib/libpulse.so.0.4.1  
/usr/share/doc/pulseaudio-libs-0.9.10/  
/usr/share/doc/pulseaudio-libs-0.9.10/GPL  
/usr/share/doc/pulseaudio-libs-0.9.10/LGPL  
/usr/share/doc/pulseaudio-libs-0.9.10/LICENSE  
/usr/share/doc/pulseaudio-libs-0.9.10/README  
  
pulseaudio-libs-glib2：  
/usr/lib/libpulse-mainloop-glib.so.0  
/usr/lib/libpulse-mainloop-glib.so.0.0.4  
  
pulseaudio-libs-zeroconf：  
/usr/bin/pabrowse  
/usr/lib/libpulse-browse.so.0  
/usr/lib/libpulse-browse.so.0.1.1  
/usr/share/man/man1/pabrowse.1.gz  
  
pulseaudio-libs-devel：  
/usr/include/pulse/  
/usr/include/pulse/browser.h  
/usr/include/pulse/cdecl.h  
/usr/include/pulse/channelmap.h  
/usr/include/pulse/context.h  
/usr/include/pulse/def.h  
/usr/include/pulse/error.h  
/usr/include/pulse/glib-mainloop.h  
/usr/include/pulse/introspect.h  
/usr/include/pulse/mainloop-api.h  
/usr/include/pulse/mainloop-signal.h  
/usr/include/pulse/mainloop.h  
/usr/include/pulse/operation.h  
/usr/include/pulse/pulseaudio.h  
/usr/include/pulse/sample.h  
/usr/include/pulse/scache.h  
/usr/include/pulse/simple.h  
/usr/include/pulse/stream.h  
/usr/include/pulse/subscribe.h  
/usr/include/pulse/thread-mainloop.h  
/usr/include/pulse/timeval.h  
/usr/include/pulse/utf8.h  
/usr/include/pulse/util.h  
/usr/include/pulse/version.h  
/usr/include/pulse/volume.h  
/usr/include/pulse/xmalloc.h  
/usr/lib/libpulse-browse.so  
/usr/lib/libpulse-mainloop-glib.so  
/usr/lib/libpulse-simple.so  
/usr/lib/libpulse.so  
/usr/lib/pkgconfig/libpulse-browse.pc  
/usr/lib/pkgconfig/libpulse-mainloop-glib.pc  
/usr/lib/pkgconfig/libpulse-simple.pc  
/usr/lib/pkgconfig/libpulse.pc  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/annotated.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/async.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/browser\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/browser\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/channelmap.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/channelmap\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/channelmap\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/classes.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/context\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/context\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/def\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/def\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/doxygen.css  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/doxygen.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/error\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/error\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/examples.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/files.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2blank.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2doc.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2folderclosed.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2folderopen.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2lastnode.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2link.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2mlastnode.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2mnode.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2node.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2plastnode.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2pnode.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/ftv2vertline.png  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/functions.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/functions\_vars.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/glib-mainloop.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/glib-mainloop\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/glib-mainloop\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals\_defs.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals\_enum.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals\_eval.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals\_func.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/globals\_type.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/index.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/introspect.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/introspect\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/introspect\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/main.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop-api\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop-api\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop-signal\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop-signal\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/mainloop\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/operation\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/operation\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/pacat-simple\_8c-example.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/pacat\_8c-example.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/pages.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/paplay\_8c-example.html  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/subscribe\_8h-source.html  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/tab\_b.gif  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/tab\_r.gif  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/thread-mainloop\_8h-source.html  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/threaded\_mainloop.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/timeval\_8h-source.html  
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/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/tree.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/utf8\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/utf8\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/util\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/util\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/version\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/version\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/volume.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/volume\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/volume\_8h.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/xmalloc\_8h-source.html  
/usr/share/doc/pulseaudio-libs-devel-0.9.10/html/xmalloc\_8h.html