Kodi

Install Kodi on Ubuntu 16.04

Youtube issues

When the official version of the Youtube plugin is installed, Kodi will crash whenever the plugin is opened. A crashlog is created with the following content:

```
############### Kodi CRASH LOG ###############

################ SYSTEM INFO ################
 Date: wo jul  5 21:51:49 CEST 2017
 Kodi Options:
 Arch: x86_64
 Kernel: Linux 4.4.0-83-generic #106-Ubuntu SMP Mon Jun 26 17:54:43 UTC 2017
 Release: Ubuntu 16.04.2 LTS (Xenial Xerus)
############## END SYSTEM INFO ##############

############### STACK TRACE ################
############# END STACK TRACE ##############

################# LOG FILE #################

21:51:11.368 T:140155307440512  NOTICE: special://profile/ is mapped to:
special://masterprofile/
21:51:11.368 T:140155307440512  NOTICE: -----------------------------------
------------------------------------
21:51:11.368 T:140155307440512  NOTICE: Starting Kodi (17.3 Git:20170525-
nogitfound). Platform: Linux x86 64-bit
21:51:11.368 T:140155307440512  NOTICE: Using Release Kodi x64 build
21:51:11.369 T:140155307440512  NOTICE: Kodi compiled Nov  4 2012 by GCC
5.4.0 for Linux x86 64-bit version 4.4.62 (263230)
21:51:11.369 T:140155307440512  NOTICE: Running on Ubuntu 16.04.2 LTS,
kernel: Linux x86 64-bit version 4.4.0-83-generic
21:51:11.369 T:140155307440512  NOTICE: FFmpeg version/source: ffmpeg-3.1-
kodi
21:51:11.369 T:140155307440512  NOTICE: Host CPU: Intel(R) Celeron(R) CPU
847 @ 1.10GHz, 2 cores available
21:51:11.369 T:140155307440512  NOTICE: special://xbmc/ is mapped to:
/usr/share/kodi
21:51:11.369 T:140155307440512  NOTICE: special://xbmcbin/ is mapped to:
/usr/lib/x86_64-linux-gnu/kodi
21:51:11.369 T:140155307440512  NOTICE: special://xbmcbinaddons/ is mapped
to: /usr/lib/x86_64-linux-gnu/kodi/addons
21:51:11.369 T:140155307440512  NOTICE: special://masterprofile/ is mapped
to: /var/kodi/.kodi/userdata
```

```
21:51:11.369 T:140155307440512  NOTICE: special://envhome/ is mapped to:
/var/kodi
21:51:11.369 T:140155307440512  NOTICE: special://home/ is mapped to:
/var/kodi/.kodi
21:51:11.369 T:140155307440512  NOTICE: special://temp/ is mapped to:
/var/kodi/.kodi/temp
21:51:11.369 T:140155307440512  NOTICE: special://logpath/ is mapped to:
/var/kodi/.kodi/temp
21:51:11.369 T:140155307440512  NOTICE: The executable running is:
/usr/lib/x86_64-linux-gnu/kodi/kodi.bin
21:51:11.369 T:140155307440512  NOTICE: Local hostname: co-pilot
21:51:11.369 T:140155307440512  NOTICE: Log File is located:
/var/kodi/.kodi/temp//kodi.log
21:51:11.369 T:140155307440512  NOTICE: -------------------------------------
-------------------------------------
21:51:11.389 T:140155307440512   ERROR: DBus: Error
org.freedesktop.DBus.Error.ServiceUnknown - The name org.freedesktop.UPower
was not provided by any .service files
21:51:11.430 T:140155307440512  NOTICE: load settings...
21:51:11.458 T:140155307440512   ERROR: PulseAudio: Failed to connect
context
21:51:11.458 T:140155307440512  NOTICE: PulseAudio might not be running.
Context was not created.
21:51:11.537 T:140155307440512  NOTICE: Found 1 Lists of Devices
21:51:11.537 T:140155307440512  NOTICE: Enumerated ALSA devices:
21:51:11.537 T:140155307440512  NOTICE:     Device 1
21:51:11.537 T:140155307440512  NOTICE:        m_deviceName      : @
21:51:11.537 T:140155307440512  NOTICE:        m_displayName     : Default
(HDA Intel PCH ALC887-VD Analog)
21:51:11.537 T:140155307440512  NOTICE:        m_displayNameExtra:
21:51:11.537 T:140155307440512  NOTICE:        m_deviceType      :
AE_DEVTYPE_PCM
21:51:11.537 T:140155307440512  NOTICE:        m_channels        : FL,FR
21:51:11.537 T:140155307440512  NOTICE:        m_sampleRates     : 48000
21:51:11.537 T:140155307440512  NOTICE:        m_dataFormats     :
AE_FMT_S32NE
21:51:11.537 T:140155307440512  NOTICE:        m_streamTypes     : No
passthrough capabilities
21:51:11.537 T:140155307440512  NOTICE:     Device 2
21:51:11.537 T:140155307440512  NOTICE:        m_deviceName      :
@:CARD=PCH,DEV=0
21:51:11.537 T:140155307440512  NOTICE:        m_displayName     : HDA
Intel PCH
21:51:11.537 T:140155307440512  NOTICE:        m_displayNameExtra: ALC887-
VD Analog
21:51:11.537 T:140155307440512  NOTICE:        m_deviceType      :
AE_DEVTYPE_PCM
21:51:11.537 T:140155307440512  NOTICE:        m_channels        : FL,FR
21:51:11.537 T:140155307440512  NOTICE:        m_sampleRates     : 48000
21:51:11.537 T:140155307440512  NOTICE:        m_dataFormats     :
AE_FMT_S32NE
```

```
21:51:11.537 T:140155307440512  NOTICE:         m_streamTypes     : No
passthrough capabilities
21:51:11.537 T:140155307440512  NOTICE:      Device 3
21:51:11.537 T:140155307440512  NOTICE:         m_deviceName      :
iec958:CARD=PCH,DEV=0
21:51:11.537 T:140155307440512  NOTICE:         m_displayName     : HDA
Intel PCH
21:51:11.537 T:140155307440512  NOTICE:         m_displayNameExtra: ALC887-
VD Digital S/PDIF
21:51:11.537 T:140155307440512  NOTICE:         m_deviceType      :
AE_DEVTYPE_IEC958
21:51:11.537 T:140155307440512  NOTICE:         m_channels        : FL,FR
21:51:11.537 T:140155307440512  NOTICE:         m_sampleRates     :
32000,44100,48000,88200,96000,192000
21:51:11.537 T:140155307440512  NOTICE:         m_dataFormats     :
AE_FMT_RAW,AE_FMT_S32NE,AE_FMT_S16NE,AE_FMT_S16LE
21:51:11.537 T:140155307440512  NOTICE:         m_streamTypes     :
STREAM_TYPE_AC3,STREAM_TYPE_DTSHD_CORE,STREAM_TYPE_DTS_1024,STREAM_TYPE_DTS_
2048,STREAM_TYPE_DTS_512
21:51:11.537 T:140155307440512  NOTICE:      Device 4
21:51:11.537 T:140155307440512  NOTICE:         m_deviceName      :
hdmi:CARD=PCH,DEV=0
21:51:11.537 T:140155307440512  NOTICE:         m_displayName     : HDA
Intel PCH
21:51:11.537 T:140155307440512  NOTICE:         m_displayNameExtra: SNY SONY
TV on HDMI
21:51:11.537 T:140155307440512  NOTICE:         m_deviceType      :
AE_DEVTYPE_HDMI
21:51:11.537 T:140155307440512  NOTICE:         m_channels        : FL,FR
21:51:11.537 T:140155307440512  NOTICE:         m_sampleRates     :
32000,44100,48000
21:51:11.537 T:140155307440512  NOTICE:         m_dataFormats     :
AE_FMT_RAW,AE_FMT_S32NE,AE_FMT_S16NE,AE_FMT_S16LE,AE_FMT_RAW
21:51:11.537 T:140155307440512  NOTICE:         m_streamTypes     :
STREAM_TYPE_AC3,STREAM_TYPE_DTSHD,STREAM_TYPE_DTSHD_CORE,STREAM_TYPE_DTS_102
4,STREAM_TYPE_DTS_2048,STREAM_TYPE_DTS_512,STREAM_TYPE_EAC3,STREAM_TYPE_TRUE
HD
21:51:11.542 T:140155307440512  NOTICE: No settings file to load
(special://xbmc/system/advancedsettings.xml)
21:51:11.542 T:140155307440512  NOTICE: No settings file to load
(special://masterprofile/advancedsettings.xml)
21:51:11.542 T:140155307440512  NOTICE: Default Video Player: VideoPlayer
21:51:11.542 T:140155307440512  NOTICE: Default Audio Player: paplayer
21:51:11.542 T:140155307440512  NOTICE: Disabled debug logging due to GUI
setting. Level 0.
21:51:11.542 T:140155307440512  NOTICE: Log level changed to
"LOG_LEVEL_NORMAL"
21:51:11.543 T:140155307440512  NOTICE: CMediaSourceSettings: loading media
sources from special://masterprofile/sources.xml
21:51:11.543 T:140155307440512  NOTICE: Loading player core factory settings
from special://xbmc/system/playercorefactory.xml.
```

```
21:51:11.544 T:140155307440512  NOTICE: Loaded playercorefactory
configuration
21:51:11.544 T:140155307440512  NOTICE: Loading player core factory settings
from special://masterprofile/playercorefactory.xml.
21:51:11.544 T:140155307440512  NOTICE:
special://masterprofile/playercorefactory.xml does not exist. Skipping.
21:51:11.552 T:140155307440512  NOTICE: Running database version Addons27
21:51:11.634 T:140155307440512  NOTICE: ADDONS: Using repository
repository.xbmc.org
21:51:11.775 T:140155307440512  NOTICE: Checking resolution 16
21:51:11.917 T:140155307440512  NOTICE: Using visual 0x20
21:51:11.925 T:140155307440512  NOTICE: GL_VENDOR = Intel Open Source
Technology Center
21:51:11.925 T:140155307440512  NOTICE: GL_RENDERER = Mesa DRI Intel(R)
Sandybridge Mobile
21:51:11.925 T:140155307440512  NOTICE: GL_VERSION = 3.0 Mesa 17.1.2
21:51:11.925 T:140155307440512  NOTICE: GL_SHADING_LANGUAGE_VERSION = 1.30
21:51:11.925 T:140155307440512  NOTICE: GL_EXTENSIONS = GL_ARB_multisample
GL_EXT_abgr GL_EXT_bgra GL_EXT_blend_color GL_EXT_blend_minmax
GL_EXT_blend_subtract GL_EXT_copy_texture GL_EXT_polygon_offset
GL_EXT_subtexture GL_EXT_texture_object GL_EXT_vertex_array
GL_EXT_compiled_vertex_array GL_EXT_texture GL_EXT_texture3D
GL_IBM_rasterpos_clip GL_ARB_point_parameters GL_EXT_draw_range_elements
GL_EXT_packed_pixels GL_EXT_point_parameters GL_EXT_rescale_normal
GL_EXT_separate_specular_color GL_EXT_texture_edge_clamp
GL_SGIS_generate_mipmap GL_SGIS_texture_border_clamp
GL_SGIS_texture_edge_clamp GL_SGIS_texture_lod GL_ARB_framebuffer_sRGB
GL_ARB_multitexture GL_EXT_framebuffer_sRGB GL_IBM_multimode_draw_arrays
GL_IBM_texture_mirrored_repeat GL_3DFX_texture_compression_FXT1
GL_ARB_texture_cube_map GL_ARB_texture_env_add GL_ARB_transpose_matrix
GL_EXT_blend_func_separate GL_EXT_fog_coord GL_EXT_multi_draw_arrays
GL_EXT_secondary_color GL_EXT_texture_env_add
GL_EXT_texture_filter_anisotropic GL_EXT_texture_lod_bias
GL_INGR_blend_func_separate GL_NV_blend_square GL_NV_light_max_exponent
GL_NV_texgen_reflection GL_NV_texture_env_combine4 GL_S3_s3tc
GL_SUN_multi_draw_arrays GL_ARB_texture_border_clamp
GL_ARB_texture_compression GL_EXT_framebuffer_object
GL_EXT_texture_compression_s3tc GL_EXT_texture_env_combine
GL_EXT_texture_env_dot3 GL_MESA_window_pos GL_NV_packed_depth_stencil
GL_NV_texture_rectangle GL_ARB_depth_texture GL_ARB_occlusion_query
GL_ARB_shadow GL_ARB_texture_env_combine GL_ARB_texture_env_crossbar
GL_ARB_texture_env_dot3 GL_ARB_texture_mirrored_repeat GL_ARB_window_pos
GL_EXT_stencil_two_side GL_EXT_texture_cube_map GL_NV_depth_clamp
GL_APPLE_packed_pixels GL_APPLE_vertex_array_object GL_ARB_draw_buffers
GL_ARB_fragment_program GL_ARB_fragment_shader GL_ARB_shader_objects
GL_ARB_vertex_program GL_ARB_vertex_shader GL_ATI_draw_buffers
GL_ATI_texture_env_combine3 GL_ATI_texture_float GL_EXT_shadow_funcs
GL_EXT_stencil_wrap GL_MESA_pack_invert GL_NV_primitive_restart
GL_ARB_depth_clamp GL_ARB_fragment_program_shadow GL_ARB_half_float_pixel
GL_ARB_occlusion_query2 GL_ARB_point_sprite GL_ARB_shading_language_100
GL_ARB_sync GL_ARB_texture_non_power_of_two GL_ARB_vertex_buffer_object
```

```
GL_ATI_blend_equation_separate GL_EXT_blend_equation_separate
GL_OES_read_format GL_ARB_color_buffer_float GL_ARB_pixel_buffer_object
GL_ARB_texture_compression_rgtc GL_ARB_texture_float
GL_ARB_texture_rectangle GL_EXT_packed_float GL_EXT_pixel_buffer_object
GL_EXT_texture_compression_dxt1 GL_EXT_texture_compression_rgtc
GL_EXT_texture_rectangle GL_EXT_texture_sRGB GL_EXT_texture_shared_exponent
GL_ARB_framebuffer_object GL_EXT_framebuffer_blit
GL_EXT_framebuffer_multisample GL_EXT_packed_depth_stencil
GL_APPLE_object_purgeable GL_ARB_vertex_array_object GL_ATI_separate_stencil
GL_EXT_draw_buffers2 GL_EXT_draw_instanced GL_EXT_gpu_program_parameters
GL_EXT_texture_array GL_EXT_texture_integer GL_EXT_texture_sRGB_decode
GL_EXT_timer_query GL_OES_EGL_image GL_ARB_copy_buffer
GL_ARB_depth_buffer_float GL_ARB_draw_instanced GL_ARB_half_float_vertex
GL_ARB_instanced_arrays GL_ARB_map_buffer_range GL_ARB_texture_rg
GL_ARB_texture_swizzle GL_ARB_vertex_array_bgra GL_EXT_texture_swizzle
GL_EXT_vertex_array_bgra GL_NV_conditional_render GL_AMD_draw_buffers_blend
GL_AMD_seamless_cubemap_per_texture GL_ARB_ES2_compatibility
GL_ARB_blend_func_extended GL_ARB_debug_output GL_ARB_draw_buffers_blend
GL_ARB_draw_elements_base_vertex GL_ARB_explicit_attrib_location
GL_ARB_fragment_coord_conventions GL_ARB_provoking_vertex
GL_ARB_sample_shading GL_ARB_sampler_objects GL_ARB_seamless_cube_map
GL_ARB_shader_texture_lod GL_ARB_texture_cube_map_array
GL_ARB_texture_gather GL_ARB_texture_multisample GL_ARB_texture_query_lod
GL_ARB_texture_rgb10_a2ui GL_ARB_uniform_buffer_object
GL_ARB_vertex_type_2_10_10_10_rev GL_EXT_provoking_vertex
GL_EXT_texture_snorm GL_MESA_texture_signed_rgba GL_NV_texture_barrier
GL_ARB_get_program_binary GL_ARB_robustness GL_ARB_separate_shader_objects
GL_ARB_shader_bit_encoding GL_ARB_timer_query GL_ARB_transform_feedback2
GL_ANGLE_texture_compression_dxt3 GL_ANGLE_texture_compression_dxt5
GL_ARB_compressed_texture_pixel_storage GL_ARB_internalformat_query
GL_ARB_map_buffer_alignment GL_ARB_shading_language_420pack
GL_ARB_shading_language_packing GL_ARB_texture_storage
GL_EXT_framebuffer_multisample_blit_scaled GL_EXT_transform_feedback
GL_AMD_shader_trinary_minmax GL_ARB_ES3_compatibility
GL_ARB_arrays_of_arrays GL_ARB_clear_buffer_object GL_ARB_copy_image
GL_ARB_explicit_uniform_location GL_ARB_invalidate_subdata
GL_ARB_program_interface_query GL_ARB_texture_query_levels
GL_ARB_texture_storage_multisample GL_ARB_vertex_attrib_binding GL_KHR_debug
GL_KHR_robustness GL_ARB_buffer_storage GL_ARB_clear_texture
GL_ARB_internalformat_query2 GL_ARB_multi_bind
GL_ARB_seamless_cubemap_per_texture GL_ARB_shader_draw_parameters
GL_ARB_texture_mirror_clamp_to_edge GL_ARB_vertex_type_10f_11f_11f_rev
GL_EXT_shader_integer_mix GL_INTEL_performance_query GL_ARB_clip_control
GL_ARB_conditional_render_inverted GL_ARB_cull_distance
GL_ARB_get_texture_sub_image GL_ARB_pipeline_statistics_query
GL_ARB_texture_barrier GL_ARB_transform_feedback_overflow_query
GL_EXT_polygon_offset_clamp GL_KHR_blend_equation_advanced
GL_KHR_context_flush_control GL_MESA_shader_integer_functions
21:51:12.233 T:140154808833792  NOTICE: Running database version Addons27
21:51:12.234 T:140154808833792  NOTICE: Running database version ViewModes6
21:51:12.236 T:140154808833792  NOTICE: Running database version Textures13
```

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21:51:12.245 T:140154808833792  NOTICE: Running database version MyMusic60
21:51:12.251 T:140154808833792  NOTICE: Running database version MyVideos107
21:51:12.254 T:140154808833792  NOTICE: Running database version TV29
21:51:12.259 T:140154808833792  NOTICE: Running database version Epg11
21:51:12.265 T:140155307440512  NOTICE: start dvd mediatype detection
21:51:12.417 T:140154226284288  NOTICE: Register - new cec device registered
on cec->/dev/ttyACM0: CEC Adapter (2548:1002)
21:51:12.489 T:140155307440512 WARNING: JSONRPC: Could not parse type
"Setting.Details.SettingList"
21:51:12.737 T:140155307440512  NOTICE: initialize done
21:51:12.737 T:140155307440512  NOTICE: Running the application...
21:51:12.748 T:140155307440512  NOTICE: starting zeroconf publishing
21:51:12.748 T:140155307440512  NOTICE: starting upnp client
21:51:12.783 T:140153423124224  NOTICE: ES: Starting UDP Event server on
port 9777
21:51:12.784 T:140153423124224  NOTICE: UDP: Listening on port 9777 (ipv6 :
false)
21:51:15.831 T:140153557341952  NOTICE: [plugin.video.youtube] Startup:
detected Krypton (Kodi-17.3), setting DASH_SUPPORT_BUILTIN = False,
DASH_SUPPORT_ADDON = True
21:51:16.090 T:140154808833792   ERROR: CCurlFile::FillBuffer - Failed: SSL
connect error(35)
21:51:16.097 T:140154808833792   ERROR:
CAddonInstallJob[plugin.video.youtube]: MD5 mismatch after download.
Expected 2d2b84a8aa44056f1e64add78b3242e5, was
D41D8CD98F00B204E9800998ECF8427E
21:51:16.182 T:140153532163840   ERROR: CCurlFile::FillBuffer - Failed: SSL
connect error(35)
21:51:16.188 T:140153532163840   ERROR:
CAddonInstallJob[metadata.common.musicbrainz.org]: MD5 mismatch after
download. Expected 7ecfa558718202e8b244e7f2595e0905, was
D41D8CD98F00B204E9800998ECF8427E
21:51:16.808 T:140153385461504   ERROR: CCurlFile::FillBuffer - Failed: SSL
connect error(35)
21:51:16.812 T:140153385461504   ERROR:
CAddonInstallJob[metadata.common.musicbrainz.org]: MD5 mismatch after
download. Expected 7ecfa558718202e8b244e7f2595e0905, was
D41D8CD98F00B204E9800998ECF8427E
21:51:16.814 T:140153385461504   ERROR:
CAddonInstallJob[metadata.album.universal]: failed to install dependency
metadata.common.musicbrainz.org
21:51:18.781 T:140155307440512   ERROR: WinSystemX11::RefreshWindow - failed
to query xrandr


############### END LOG FILE ###############

############ END Kodi CRASH LOG #############
```

In order to solve this issue, an updated version of python-cryptography and python-openssl must be
installed (ref https://bugs.launchpad.net/ubuntu/+source/xorg/+bug/1636573).

1. Add zesty repositories by creating /etc/apt/sources.list.d/zesty.list with the following content

```
#Zesty
deb http://be.archive.ubuntu.com/ubuntu zesty main
deb-src http://be.archive.ubuntu.com/ubuntu zesty main
```

2. Configure apt such that it prefers packages from *xenial* above those from the *zesty* release. Create the file /etc/apt/apt.conf.d/01ubuntu-version with the following content:

```
APT::Default-Release "xenial";
```

3. Tell apt to prefer the python-cryptography version from *zesty* above the version from *xenial* by creating the file */etc/apt/preferences.d/python-cryptograph-from-zesty* with he following content:

```
Package: python-cryptography
Pin: release n=zesty
Pin-Priority: 1000
```

4. Run `sudo apt update` followed by `sudo apt upgrade` to install the updated version.

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Last update: **2017/07/06 22:29**