Twonky SDK 8.2.0

Twonky Server

New Features

- IPv6 support

Improvements

- RSS feeds no longer return pre-scaled but original sized album art
- Twonky Server can now extract FLAC album art
- added INI option "ssdp_beat_time" to prevent the Philips TV terminating the connection to Twonky Server after 30 minutes
- added client adaptation "CDS_NOUPLOAD_NOSEARCH" to avoid using CDS:Search and upload
- added ini option "minimum_picture_resolution" to set minimum resolution for pictures to appear in the navigation tree, defaults to 256,256
- added ini option "updateeventswhilescanning " to send update events during initial scan to enable control points to refresh the UI
- added support for LPCM-L files for PN-Param tests for CTT
- added thumbnail generation tool to the Twonky Server Linux packages for generating thumbnails for mp4 videos
- disabled check to prevent beaming items to renderers based on their protocol info, as this information is not reliable
- from now on feed /resources/rss is only available if "enabledeprecatedjsonandrssfeed" is set
- improved robustness of file scanner when terminating due to bad content
- improved rpc/client_change to enable/disable all clients on same IP
- video thumbnail creation is now done in background

Bug fixes

- fixed possible endless loop in XML parser in case of corrupted XML
- Twonky Server could not show album art on some mp4 video files
- Twonky Server did not start up under certain circumstances
- Windows won't list second Interface (USB wireless adapter)
- access to multi-user server is no longer denied on a device that has multiple DMRs
- deadlock in file-scanner fixed when terminated due to timeout
- embedded album art from some mp3 files could not be extracted
- fixed a playlist encoding regression when moving from 6.0.39 to 8.0.x
- fixed crash on parsing certain dsf audio files
- fixed extraction of embedded albumart for dsd files
- fixed problem where some bytes were missing at the end of embedded album art picture
- mp4 thumbnail generation is no longer broken
- music items with very similar metadata were still visible in views when the share containing these items was disabled
- removed duplicate translations from strings-XX.txt language files (causing bad XML encoding of special characters in UPnP root response)
- restricted contents are no longer returned in search-response without proper authorization
- sometimes the media scanner did not store the media item currently scanned
- when share is disabled, background-thumbnail and seek-table generation was still continuing
- wrong sort order in byFolder fixed if usefilenameinfolderview is set

Known issues

QA information

CTT 2.0.4.1

MCVT 3.0.3.8

UCTT 2.0.65

LPTT 2.0.29

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- "My Russound" app does not show the correct album art when used with Twonky Server
- Subtitle not working between Twonky and Oppo BDP-93
- interoperability issue with LG 47LE550
- playlists with web content are not visible in navigation tree
- pushing videos and photos to XBox one with OS 6.2.13332.0 is not possible
- valgrind reported memory leak in scan_aac and scan_mp4
- error in Mac OS logs for filedb-delete is actually only a warning; operation is not impacted
- audiobooks can not be aggregated by other Twonky Servers
- duration calculation of MPEG2TS files is not accurate if timeseek generation is disabled
- UPnP inspector gets confused when Twonky Server provides multiple artist tags with different roles
- occasionally, Twonky license key input results in "invalid key" on Linux systems
  - workaround: remove the appdata folder and try again
- webUI
  - sometimes webUI with Opera does not show any thumbnails
  - thumbnails of some rotated images do not show up correctly in webUI

Twonky Client Components

New Features

- IPv6 support
- support for DIAL devices and related APIs
- Android 6.0 support

Improvements

- added HTTP handlers for /resources and /images
- RSS feeds no longer return pre-scaled but original sized album art
- added DMRCP_IOCTL_RELOAD_HAS_TWONKY to reload installation status of Twonky on DIAL device
- added DMRCP_IOCTL_SHOW_DIAL_DEVICES to list DIAL devices
- added Roku lost detection when device is idle
- added option DMRCP_IOCTL_LAUNCH_TWONKY to wait for Twonky DMR when launched via DIAL
- added proxying of album art uri in tm_dmrcp_create_metadata
- disabled hostname resolution for direct URLs in tm_dmrcp_add_metadata as this screwed up beaming from services like AWS
- enhanced return code of RPC search API
- now friendlyname and model from Roku device description is used instead of fixed values
- added isStreamActive to query if server is streaming [Android only]
- added setRendererPlaysAll to treat all content as being supported [Android only]
- added showDialDevicesAsRenderers to list DIAL devices [iOS and Android]
- removed deprecated cache and managed list classes [Android only]
- updated image scaler used by Twonky server to support new scale modes [Android only]
- added getStreamActiveStatus for checking if local server is actively streaming [iOS only]
- added new renderer event for Play Speed change [iOS only]
- added support in LDMR for handling Play Ready initiator [iOS only]
- disabled check to prevent beaming items to renderers based on their protocol info, as this information is not reliable

Bug Fixes

- fixed possible endless loop in XML parser in case of corrupted XML
- fixed a deadlock in AirPlay and Roku communications
- fixed deadlock when device has DLNA DMR and ChromeCast [Android only]
- fixed issue where twonkylib did not start properly on mobile platforms
- fixed issue with running out of renderer contexts
- fixed skip while paused on Apple TV 2nd Gen in web UI
- fixed that multi-user content could not be beamed to remote Twonky renderer
- fixed issues with local playback due to deprecated player classes in iOS9 [iOS only]
- fixed that third party stop detection for Samsung TVs did not work reliably
- fixed that renderer lost events were not notified

Known Issues

- cloning multi-user content to other DMR does not work
- third party stop detection for Samsung TVs does not work reliable
- changes in twonky-startup.txt does not have any effect if application is upgraded in place on iOS
- Roku does not support seek for music
- Twonky Server interferes AirTunes playback with Denon AVR-4311, as workaround disabling AppleTV support with disable_dmr_plugins=1 solves this
- Beaming issues
    - beaming media from Mediatomb to Samsung TV D series does not work
    - cannot beam multiple items to Xbox One

Twonky Ref App

Twonky Ref App Android

New Features

- beaming to Fire TV
- Android 6.0 support

Bug Fixes

- fixed deadlock when device has DLNA DMR and ChromeCast [Android only]
- app player screen crashed when going forth and back between player screen and browse screen
- downloaded DTCP content appeared greyed out in local servers library

Known Issues

- local renderer setting remains disabled after setting it private in general settings on Android
- local video is shown with wrong aspect ratio
- user cannot resume to play the content after sleep
- volume cannot be controlled when content is beamed to Samsung TV
- seeking forward to the end of the song stops playback on Apple TV

Twonky Ref App iOS

New Features

- beaming to Fire TV

Bug Fixes

- DLNA content duration did not update correctly
- disabled App Transport Security on iOS9 for Ref App [iOS only]
- fixed issues with local playback due to deprecated player classes in iOS9 [iOS only]
- state restoration was broken in iOS 8.3

Known Issues

- RefApp cannot restore state when coming back to foreground
- an empty string is displayed if a server has a emoji character in its name
- app crashes after video playback when waking up device
- app crashes when it downloads a content after sleep
- app displays wrong status for download after app resumes
- app freezes if user taps [Select All] and [Clear Queue] continuously
- seeking forward to the end of the song stops playback on Apple TV
- when iPhone goes to sleep queue list gets cleared