

# TwonkyMedia Server 6.0.x

## TwonkyMedia Server 6.0.4.2

### Improvements

- Added dc:date for importing metadata

### Bug fixes

- fixed: Directory Traversal security problem solved (DDIVRT-2012-40 PacketVideo TwonkyServer and TwonkyMedia)
- fixed: Case-sensitivity for .pcm file-extension deleted
- fixed: Restricted content showed changed information when it was moved
- fixed: Fixed a bug for embedded mp4-video thumbnails which weren't displayed by PS3
- fixed: Import of iTunes playlists
- fixed: TMS now wakes up from sleep mode on CreateObject
- fixed: scantime is now set properly through RPC call 'scantime'
- fixed: Uploaded contents with title beginning with '.' are no longer ignored

- [TwonkyMedia Server 6.0.4.2](#)
- [TwonkyMedia Server 6.0.4.1](#)
- [TwonkyMedia Server 6.0.4.0](#)
- [TwonkyMedia Server 6.0.3.9](#)
- [TwonkyMedia Server 6.0.3.8](#)
- [TwonkyMedia Server 6.0.3.7](#)
- [TwonkyMedia Server 6.0.3.6](#)
- [TwonkyMedia Server 6.0.3.5](#)
- [TwonkyMedia Server 6.0.3.4](#)
- [TwonkyMedia Server 6.0.3.3](#)
- [TwonkyMedia Server 6.0.3.1/6.0.3.2](#)
- [TwonkyMedia Server 6.0.3.0](#)
- [TwonkyMedia Server 6.0.2.9](#)
- [TwonkyMedia Server 6.0.2.8](#)
- [TwonkyMedia Server 6.0.1](#)
- [TwonkyMedia Server 6.0](#)

## TwonkyMedia Server 6.0.4.1

### Bug fixes

- fixed: extended accounting module to support new type of license keys

## TwonkyMedia Server 6.0.4.0

### Bug fixes

- fixed: maxitems ini property does not work properly in all cases

## TwonkyMedia Server 6.0.3.9

### Improvements

- adapted to latest DLNA certification test plan
- adapted to latest UPnP 2.0 certification test plan
- more than 40 certification-related changes
- improved: Better cache control for low-resource environments
- improved: Memory usage of JPEG scaler is now constant, i.e. no longer proportional to the size of the original picture
- improved: interoperability with newer Philips TV sets
- improved: performance of file scanner when discovering a lots of duplicated content items
- added: File extension ".mpeg4" (maps to MP4)

### Bug fixes

- fixed: TwonkyServer not setting CI-flag for embedded thumbnails
- fixed: Display issue of configuration UI with IE9
- fixed: In MAC, "Restart Server" prompt keeps appearing even after restarting server several times
- fixed: Cancel button behaves abnormally at Maintenance page
- fixed: "pleaselogin" should never be aggregated
- fixed: TwonkyServer stalling after system transition to sleep and/or hibernate
- fixed: Broken m3u playlist import when titles contained double quotes
- fixed: file system change notification (inotify) behavior for symbolic links
- fixed: Sorting non-latin multi-byte UTF-8 characters

### Known issues

- Blacklisted directories for MacOS are still accessible (var/db).

- Invalid user-password is accepted by UI.
- The Linux installer script for some Ubuntu Linux systems is broken.
- TwonkyServer does not support FF/FREW for Philips TVs
- There are problems with image resolutions higher than 3165x4747 for Samsung D-series TVs

## TwonkyMedia Server 6.0.3.8

### Bug fixes

- Important security and stability related bug fix

## TwonkyMedia Server 6.0.3.7

### Improvements

- added support for DTCP type 3

### Bug fixes

- fixed: WebDAV synchronisation issue
- fixed: Import of m3u files fails if double quotes are used in the title tag
- fixed: share\_local\_file API produces duplicated DB entries

## TwonkyMedia Server 6.0.3.6

### New Features

- Included Webdav server for content sync (Windows, MacOS and Linux PC only)

### Bug fixes

- fixed: Fix proxy logic for unraveling youtube URLs
- fixed: Update jpeg scaler to use small buffer for rescaling pictures
- fixed: Restart Pending message appears after sharing directories
- fixed: Problem extracting cover art embedded by iTunes into mp3 files

## TwonkyMedia Server 6.0.3.5

### Bug fixes

- fixed: Username and Tags are not getting saved for YouTube.
- fixed: resume for wma/wav does not work
- fixed: GIF images thumbnail preview not displayed on WDTLIVE
- fixed: PUSH: Unable to push images to Samsung TV.
- fixed: Tiff files are not displayed in Flash player.
- fixed: Fast forward not always working for Movies on Samsung
- fixed: Unable to play M2TS and TS files on sony blue ray player.
- fixed: Playlist issue. Philips np2900 hangs with long playlist.
- fixed: System doesn't show the By Date and By Year option in Videos on media browser page as per the created date shown in the properties of videos.
- fixed: Media feeds are not displayed on the Flash UI Page
- fixed: The calculation of the duration isn't correct
- fixed: Abnormal ending while moving content
- fixed: XBOX display less number of videos than shared on TS
- fixed: Update notifications from TS not seen in NMC
- fixed: server may set inotify watch for dirs listed in "ignoredir" in ini setting
- fixed: max\_items property is ignored by aggregation module in TwonkyServer
- fixed: RMM sends "HTTP 500" error to client if trying to add removable drive that is already added
- fixed: Moving/recording long content to TMS fails
- fixed: Support for filename extension in upper case for unix kind of platform
- fixed: TMS can't find AKE session and sends HTTP 404 NOT FOUND
- fixed: DTCP-IP: add protocolInfo parsing for obtaining DTCP host/port information for DTCP download

- fixed: Samsung users are reporting that subtitles have stopped working
- fixed: Subtitle files with names including chech (and possibly other non-standard) characters are not recognized
- fixed: Twonky doesn't show the client devices name correctly on the Media Receivers page
- fixed: "Page Not Found" message is displayed when "View Log File" is clicked
- fixed: TS is logging TRACE data even if vlevel>1
- fixed: DTCP-IP: Fix a bug for SRM update
- fixed: Wrong calculation of start & end time for timeseek request in the format HH:MM:SS(.XXX)
- fixed: Time-Seek Accuracy with AVC HD Content is Not Good
- fixed: MacOS server should revert to timer based scanning if scantime is set to -1
- fixed: Ensure TwonkyServer understands ObjectID as a CDS#Search parameter in addition to ContainerID
- fixed: Add search support for pv:custom
- fixed: Add flag to disable timeseek generation
- fixed: Add support for album art in "unsync" format (ID3) (6.0 stream)
- fixed: Proxy gives wrong Content-Range end value
- fixed: In DynamicTranscoding, Transfer mode is changed from non-chunked transfer to Chunked transfer mode.
- fixed: TwonkyServer does not serve some MPEG files to Sony devices
- fixed: Embedded album art in mp3 song is displayed distorted
- fixed: Allow import of external URL via Import file mechanism

## TwonkyMedia Server 6.0.3.4

### Bug fixes

- fixed: File scanning issue on Windows network drives
- fixed: Roku soundbridge cannot stream aac/m4a
- fixed: UPnP Discovery broken w/ Linn control point
- fixed: Web Config UI not working properly with Internet Explorer 9
- fixed: improved ssdp responses to M-Searches with MX=1
- fixed: Aggregation not always indexing all items, if there are items of unknown type to TwonkyServer

### Changes:

- Disabled the NMC Stationary service in TwonkyServer
- Added Linn Bubble DS to clients DB
- removed useless client adaptatiion option XM:NOAAC320FORAAC192

## TwonkyMedia Server 6.0.3.3

### Bug fixes

- fixed: a failure of CTT case 7.4.38.6 using CTT build 1.5.57.01 win7 version
- fixed: Duplicate content is displayed on enabling the aggregation server in aggregation mode.
- fixed: failure of CTT case 7.4.37.1
- fixed: uploading content failed after changing the language of Twonkyserver
- fixed: ASF to FLASH transcoding is not working
- fixed: "xmlns:arib" and "xmlns:dtcp" are missing in CDS:Search response
- fixed: SPTV Recording Failure on low spec device due to AES HW memory allocation error
- fixed: DTCP Copy-Free content, which is moved from Regza with TwonkyServer, cannot be played with LinkTheater
- fixed: SSDP:byebye packets during startup disdabled for Buffalo NAS
- fixed: Content having creation date before 1970 was not displayed in twonky.
- fixed: Unable to enable/disable logs from RPC command "[http://127.0.0.1:9000/rpc/log\\_disable?1](http://127.0.0.1:9000/rpc/log_disable?1)"
- fixed: CTT test case DMS 7.2.35.1 failing on DTCP-IP server
- fixed: Saving a playlist with "%-:;()\$&&@'" creates an empty playlist
- fixed: Upload (both CDS:CreateObject and from Web UI) failed on server running on Linux
- fixed: on rescan server does not find/remove deleted files
- fixed: Fix behavior for scantime=0 to not rescan file system
- fixed: playback does not work on new sony BRAVIA TVs with YouTube content
- fixed: The Kirkwood build did not work on quad-core paltform
- fixed: CDS:ImportResource action was broken
- fixed: On aggregated items with multiple RES the last one is missing
- fixed: Content having creation date before 1970 was not displayed in twonky.
- fixed: Cross-site scripting exploit vulnerability in webbbrowse
- fixed: Windows Logo Kit (WLK) 1.6 case NetMedia-49 failed
- fixed: Twonkyserver responses on localhost (Linux) were significantly slower that on external interface

- fixed: jpeg scaler was adding pixels (rows) at the top and removing some at the bottom of a scaled picture
- fixed: when copying and pasting files with Windows Explorer inside shared folders, update events were sometimes lost and the changes were not reflected in the CDS
- fixed: Sony VGF-WA1 player could not play mp3 content from TwonkyServer

## Changes:

- Implemented generating thumbnails for videos with external application. Enabled utilizing FFmpeg if it is included.
- Preserve Time Seek Tables (TSTs) from deleting while DB rebuild, try reuse preserved TSTs. Only generate TST if necessary.
- Incorporated the changes mentioned in 2010\_09\_Supplement\_E\_update DTCP guidelines
- DTCP-IP: implement API to move content from server to server
- Enabled chunked transfer encoding for DTCP-IP dynamic transcoded contents
- Additional improvements to enable streaming of dynamically transcoded contents over DTCP-IP Added support for Boxee client
- Improved client adaptation for Linn DS clients
- Max number of .desc files for video transcoding increased from 20 to 50
- internal default for configuration option "maxscantimeperfile" changed from 0 to 30
- new configuration option "importdir" set the directory from which the server reads import-files
- Disabled automatic upload configuration in the RMM module, as it did not work properly when upload is disabled
- Changing and clearing metadata (including ratings) is allowed for all clients, not only for twonkymanager as in 6.0.3.2
- Add sort support for upnp:seriesTitle and upnp:seriesID
- MP4 scanner improved to better recognize files created with QuickTime

## TwonkyMedia Server 6.0.3.1/6.0.3.2

### Bug fixes:

- fixed: YouTube videos were not working through the proxy module in TwonkyServer due to a recent API change by YouTube
- fixed: wrong the DLNA content profile for two files from the certification content (profiles MPEG\_TS\_SD\_50\_L2\_T and MPEG\_TS\_SD\_EU\_T)
- fixed: Add folder view back into the Philips TwonkyServer
- fixed: Changing and clearing metadata (including ratings) from TwonkyManager does not get committed
- fixed: Missing items in Japanese and Korean navigation tree
- fixed: Uploading a file via the Twonky web pages was possible even when setting "uploadenabled" as "0".
- fixed: Improved support for PlugPlayer on iPad
- fixed: Increased robustness of XML parser
- fixed: server was terminated on providing invalid value for "enabledweb" through RPC command.
- fixed: Passing DLNA MCVT with all profiles
- fixed: Occasional problems when installing TwonkyServer with TwonkyCopy and Beam
- fixed: Xbox can no longer play wav audio
- fixed: DTCP upload/download problem with TwonkyServer 6.0.x
- fixed: Big-Endian UTF-16 metadata import broken
- fixed: iTunes' playlist import fails on Linux version of TwonkyServer
- fixed: TMS-Beam is using the friendly name TwonkyServer [xxx] instead of TMS-Beam [xxx]
- fixed: Display "non-DLNA" JPEG files (i.e. image dimension exceeds 4096x4096) with REGZA
- fixed: Web browse: unable to upload MKV files on Windows.
- fixed: File and product version is not correct in in the version tab of twonkymediaserverconfig.exe
- fixed: Unable to reposition the Wave content in backward side on Freecom client.
- fixed: Typo on Media feeds page.
- fixed: TwonkyServer reduces the resolution of some photos displayed on Denon receivers
- fixed: Twonky sometimes crashes on PowerPC platforms (DS 210+)
- fixed: TwonkyServer isn't reading WMP star ranking properly
- fixed: Roku SoundBridge cannot stream aac/m4a from TwonkyServer
- fixed: Twonky not showing composer in case of m4a files
- fixed: Subtitles not working with TwonkyServer on Samsung TV, WD TV live Hub
- fixed: Add support for video thumbnails on Samsung TV (B + C series, requires latest firmware on TV)
- fixed: FLAC parser error when searching for embedded album art
- fixed: Time seek info generation for WMA has been broken
- fixed: Skip first level of navigation tree on Samsung C-Series TV systems.
- fixed: Add subtitle support for Samsung TVs
- fixed: Need to suppress <upnp:artist role="Composer"> for WD TV live
- fixed: Few mpeg2 files are marked as NON-DLNA by twonky server
- fixed: Wrong French translation: "transcodage en cours..." as a menu title on the configuration page
- fixed: Display "non-DLNA" JPEG files (i.e. image dimension exceeds 4096x4096) with REGZA

- fixed: Wrong resolution of JPEG files on VIERA
- fixed: Memory leaks (upload to other device, retrieving scaled album art)
- fixed: Session counter never decreases
- fixed: Browsing during file scan could messes up sort order
- fixed: Do not generate JPEG res element for PNG file if no PNG->JPEG scaler is available
- fixed: Backup tool should not start rmm.exe
- fixed: Disabling a content type in client adaptation (e.g. "MT:flac not-supported") disables also transcoding from that mime type
- fixed: Flash UI not detecting required plug-in to play media file
- fixed: Requested sort order is not always honoured
- fixed: Media count are thrown off when two TMS aggregate each other
- fixed: Manual Rescan not working when scan time set to '0'
- fixed: Can not deselect tagged photos in Picasa web
- fixed: Twonky (EXIF parser) sometimes provides wrong resolution for JPEGs
- fixed: Few mpeg2 files are marked as NON-DLNA by TwonkyServer
- fixed: Auto copy does not copy pictures from TwonkyMobile
- fixed: ignoredir= option in .ini file not working
- fixed: XML parser crashes on invalid XML
- fixed: Disable CreateObject action for unauthorized clients
- fixed: Correctly identify AAC\_ISO\_320 profile
- fixed: Time seek table file isn't deleted when the according content file is deleted
- fixed: Add resolution and file size to the JSON properties of items
- fixed: Ignore invalid dates in EXIF metadata
- fixed: TrayApp does not start after installing TwonkyServer
- fixed: Added missing translations
- fixed: Uploading a file via the Twonky web pages
- fixed: Memory leak when retrieving folder.jpg album art
- fixed: Fixed minor issues in mpeg2 parser
- fixed: Copying items with long title (metadata) from Mobile to PC fails
- fixed: JPEG\_LRG resource info is not included in CDS when client is REGZA TV
- fixed: Fast Forwarding not working with REGZA
- fixed: Streaming until the end of a contents does not work
- fixed: Pause Resume is not working on REGZA
- fixed: Red page was shown while accessing disabled web configuration page; now changed to white.
- fixed: DTCP: not correctly terminating under certain circumstances

## Changes:

- The length of the server's friendly name is limited to 64 characters
- Enabling background transcoding needs server restart
- Revised translations. Notable updates to Simplified Chinese, Traditional Chinese Italian and german; smaller updates to Spanish and Russian; trivial updates to others.

## Known issues:

- If subtitle files are available, the Samsung TVs will always display subtitles. The only workaround is to remove or rename the subtitle files on disc.
- MacOS installer fails to automatically set the users default content folders. The user has to manually configure the shared folders.

# TwonkyMedia Server 6.0.3.0

## Improvements

- added "Nokia Home Music" to clients.db
- On language change a database rebuild is no longer necessary
- Added mobile view to selectable views

## Changes:

- Renamed "simple default navigation" to "classic media navigation"
- Renamed "advanced default navigation" to "advanced media navigation"
- INI file can now accept mobile and folder view as default setting

## Bug fixes:

- fixed: LPCM files are not working on PS3
- fixed: Duplicate content is displayed on enabling Aggregation.
- fixed: Reposition forward and backward is not working in case of WMA file on NETGEAR MP101
- fixed: Toshiba REGZA TV Cannot Play Any JPEG Contents except for JPEG\_SM

- fixed: Thumbnail view for gif files are not displayed while pulling the content from the server using WDTV live
- fixed: Sony Bravia Photos : Update 'protocolinfo' for JPEG\_TN content.
- fixed: Json feed has broken links and thumbnails for online items
- fixed: Cleanup of navigation tree does not always work as expected
- fixed: Manual Rescan not working when scan time set to '0'
- fixed: Thumbnail view of JPEG files are not available on Samsung TV
- fixed: Pause/Resume is not working on Regza
- fixed: TwonkyServer reduces the resolution of some photos displayed on Denon receivers
- fixed: TwonkyServer can handle only 128 simultaneous CreateObject actions, which turned out to be too little
- fixed: Failure to find embedded album art for a MP3 file with id3 v2.4.0 metadata (v2.3.0 works)
- fixed: Improve subtitle support for Samsung TVs
- fixed: Content name is not displayed properly if we use underscore in Wav files.
- fixed: Failure to send album art for a MP3 file with embedded BMP
- fixed: Send default album art as fallback if embedded or external album art can not be sent
- fixed: Maxitems configuration property is ignored in some setups
- fixed: Add support for embedded album art in MP3 files using id3 v2.4.0 metadata
- fixed: Pause/Resume is not working on Regza
- fixed: Several problems with duplicate detection

## Known issues

- Twonky ignores the sort criteria upon search if the search is including several sub-folders. Sorting works if search is invoked on a container that only contains items.

## TwonkyMedia Server 6.0.2.9

### Bug fixes

- fixed: cache cleanup not properly working
- fixed: Default album art scaling does not work on Linux/Mac
- fixed: High memory usage per content item
- fixed: CTT device profile doesn't exist in media receiver list.
- fixed: Twonky fails to scan content on Infrant
- fixed: Add subtitle support for Samsung TVs
- fixed: folder.jpg is not shown in JSON feed
- fixed: Add trial expired error message to the JSON feed handler
- fixed: On uploading mp4 video file it displays under music. Moderate Resolved
- fixed: Add attribute to res elem to get the time seek information - if available

## TwonkyMedia Server 6.0.2.8

### Bug fixes

- fixed: TMS-Rescan set to specific number of minutes is not working properly
- fixed: Add custom DLNA profile for MKV to improve interop with certain clients
- fixed: CDS contains duplicate resource entries with same resolution in one item
- fixed: Clear logs options does not produce desired results
- fixed: BMP and GIF files are not getting displayed on PS3(Unsupported data error is coming)
- fixed: Some Configuration Page Options Not Translated for Nederland's Language
- fixed: Error messages when viewing large JPG files on a Sony PS3
- fixed: Username and the selected checkbox is not saved for PhotoBucket
- fixed: Media feeds are not visible on MAC.
- fixed: Duplicates listed in HTML Media Browser
- fixed: sleep mode not working on DNS-323 for 6.0
- fixed: Aggregation/Mirroring issues with TwonkyServer 6.0 on Linux
- fixed: 64 bit server issues
- fixed: strange behaviour in FLASH GUI when showing photos
- fixed: Language resource file not read on Big Endian devices
- fixed: XBOX only list first 329 songs while more than that are shared on TMS
- fixed: Auto-rescan does not work properly
- fixed: proxy resolves YouTube URL up to 15 times when streaming one video
- fixed: TMS fails to launch when it is executed from directory path containing Japanese or other Unicode strings
- fixed: DSM 323: Twonky gets killed right after start
- fixed: JavaScript error in html template
- fixed: FLAC Transcoding on Linux in 6.0/6.0.1
- fixed: Server enters sleep mode when scanning for more than 15 minutes

# TwonkyMedia Server 6.0.1

## New Features

- new ini file option to limit the number of concurrent CreateObject operations. By default set to "upnpuploadlimit=0", which means unlimited as before.
- new filter options m,p,v to suppress one content type on a shared location

## Improvements

- added more metadata properties for PVR support
- added upnp:artist role=composer metadata
- added pv:friendlyname as a property to be used in views
- added pv:lastPlaybackPosition as a property to be used by CPs for follow me scenarios
- added: client adaptation for Sony VGF-CP1

## Changes

- for Sony Bravia TV the server can no longer place the UI in the right sub tree on the navigation as there is no way to detect where the UI of the TV is
- always add mkv as video and mka as audio, never add a mkv as video even if server can not find the video part

## Bug fixes

- fixed: Streaming YouTube videos does no longer work
- fixed: Database backup/restore not working on Windows when upgrading from 6.0
- fixed: Windows playlist files (WPL) don't show up with Twonky 6.0.1 RC8
- fixed: Items in playlists are not checked if they are still available/shared
- fixed: M4A files show up as "data"
- fixed: Play/Pause not working when streaming YouTube videos to the Samsung TV
- fixed: Album art for containers not always working
- fixed: mkv always added as music on some embedded platforms
- fixed: video thumbnails for XBOX
- fixed: broken language files, the word 'yes' was unreadable on the web config pages
- fixed: on aggregating videos from 4.x servers the album is now set to the friendly name of the server
- fixed: album art only shown for specific containers and not for all containers
- fixed: transcoding.db fixed to set NTSC as default MPEG target (has been no target before)
- fixed: react faster on aggregation server settings changes, display initial amount of content on servers
- fixed: MacOS installer is not properly setting the system default language
- fixed: MacOS installer Japanese version shows English text
- fixed: Thumbnail support for video files on Xbox
- fixed: iTunes playlist import
- fixed: album art for videos (folder.jpg) not scaled
- fixed: Twonky crashes when system is out of memory
- fixed: logfile issues, Twonky goes into endless loop when it can not delete old logfiles

## Known issues

- on some systems running Windows 2008 server WMDRM does not work.
- adding the same shared location several times with different filter options will result in non deterministic behaviour of files added/ignored

# TwonkyMedia Server 6.0

## New Features

- aggregation of TMS and WMC servers
- auto update for PC versions
- time seek support for MPEG, WMA and WMV content
- active connections info on status page
- animated tray icon on Win32
- wpl playlists can contain URLs to Internet content (radio, pictures, video)
- can now handle album art that has the same file name as a music or video file, but file extension is jpg, e.g. mymovie.mpg can have album art file mymovie.jpg (make sure than the scanner filter is set to video only)

## Improvements

- Improved URLs with fixed schema for scaling
- Improved playlist handling, enabled upload of wpl playlists

## Changes

- from 5.x on norescale option is no longer supported, instead just rename/remove the cgi-jpeg scale and convert plugin from cgi-bin

## Known issues

- embedded album art needs to be JPEG, PNG is not supported
- animated GIF is not supported for sharing by TMS
- PS3 can not play Internet Radio or online video via TMS
- no all mkv files can be scanned as mkv is a container format