TwonkyMedia Server 5.1.1 back to 1.02

TwonkyMedia Server 5.1.1

New Features

- WMDRM support for Win32 is back
- Added support for the following client devices
  - Lacie LaCinema HD
  - Orange Music Player
  - Denon S-302
  - Denon AVR-4308
  - Netgear EVA 2000
  - Sagem My Web Tuner 500
  - Sagem My Dual Radio 700
  - Samsung TV
  - Kodak EX-811 (detected, but issues with the navigation)

Changes

- Improved file scanner performance
- Improved cgi-jpegscale performance
- Added support ImportResource for DLNA uploads
- Added support for pause/resume for videos on Samsung TVs
- Eliminated WMP11 dependency caused by WMDRM support
- No admin rights needed for tray app anymore (no elevation required on VISTA and Win7)
- Playlist management with TMM is back
- Updated MPEG2 and MP4 parser to enable more DLNA profiles
- Server passes again the CTT tool

Bug fixes

- fixed: Heavy CPU usage when adding or deleting media files
- fixed: On PS3 the date for pictures does not include time information
- fixed: Cross site scripting vulnerability
- fixed: Some MPEG2 profiles are not correctly identified
- fixed: Playlist not syncing properly after DB rebuild
- fixed: Rebuilding DB deletes all TMM created playlists
- fixed: folder.jpg is case sensitive on Linux
- fixed: album art for movies is no longer shown
- fixed: console on MacOS is spammed by "OS does not support evented filesystem" messages
- fixed: Transcoded files are not being cleaned up after original file is removed
- fixed: Metadata is not preserved when upgrading TMM

TwonkyMedia Server 5.1

New Features

- support for removable media
- support for background transcoding
- support for view configuration per client device
- Win7 compliance (when running on other systems like NAS, the server is detected correctly by Win7 systems)

Changes

- database now based on SQLiteoverall performance improvements

Known issues

- WMDRM for Win32 not supported in this release
- on some systems the removable media checkmark may result in trying to share removed/no existing drives

- TMS config application needs to be allowed every time on start-up on VISTA and Win7 systems
- some screens of the TMS installer do not show in Japanese
- MediaFusion plugin leaves a zombie process on Linux (but will be removed on next MF plugin start)
- some contents can not be played on web browse UI as the Browser does not have the right plugin for playback available
- Picasaweb support is experimental and may not show content all the time
- no thumbnail support for D-Link DSM 520

TwonkyMedia Server 5.0

- new database structure with less memory usage
- server-side user-playlist support
- new transcoding architecture

Changes

- new database structure with less memory usage
- on Windows Server is always installed as system service

Bug fixes

- client adaptation for players which crash on X_MS_MediaReceiverRegistrar:RegisterDevice
- client adaptation for Philips NP2x00 search added
- inotify follows symbolic links, if followlinks=1
- fixed search
- mem leak fixes
- fixed some parts on user created playlists
- fixed enable/disable of content dirs
- correctly recognizes ID3V2.4 compliant tags
- fixed mp4 parser
- fixed DLNA_QoS for non-DLNA-1.5 clients
- fixed html tags and entities in language files
- fixed SSDP messages for multi-homed server
- fixed different handling of AVI for PS3
- fixed discovery of Roku player
- fixed DeviceDescription for DLNA 1.0 compliant devices which can not handle 1.5 servers
- added duration field for FLACfixed problems with very big content files, duration is now calculated correctly

Known issues

- deleting the last item in a playlist removes the playlist
- Tray application only in English
- 5.0.x has no support for Internet Radio
- some JPEG pictures cause problems on Metadata extraction
- JPEGs are not upscaled, very small JPEGs can not be shown on some devices

TwonkyMedia Server 4.4.4

New Features

- Added support for the following client devices
    - Denon AVR 3808
    - LT-H90
    - PC-P1LAN
    - PC-P4LAN

Changes

- all containers under Folder navigation are now of type 'object.container.storageFolder'
- clients are now enabled/disabled based on MAC addresses
- using the friendly name instead of TwonkyMedia on the RSS pages
- added support for file types: *.m2p, *.m2v, *.mp2t, *.mp2p, *.mpg2

Bug fixes

- fixed matching filenames in playlists
- fixed endless loop when unplugging network cable
- fixed streaming avi and divx files to XBOX 360
- fixed broken English translation for "album"
- fixed exif parser problem with XTitle and XKeywords
- broken jpegscaler replaced
- fixed duration for B-MP2PS_N-86.mpg, B-MP2PS_P-11.mpg, B-MP2PS_P-106.mpg
- fixed response for TIMESEEKRANGE (all upper case, as requested by Intel tools!) to 200 OK
- fixed response for range requests where start is bigger than end to HTTP_BAD_REQUEST (from HTTP_RANGE_NOT_SATISFIABLE)
- fixed that Internet Radio playlists are no longer available after a server restart
- fixed wav support for DLNA clients
- added channels 2 and frequency 44100 as default for lpcm content

Known issues

- When picture rescaler is disabled and images do not have an embedded thumbnails the Playstation 3 needs a long time to show thumbnails. In such a case the PS3 retrieves the whole image and downscales it by itself. On large images or when system resources are low the PS3 is not able to show more thumbnails.
- Playstation 3 is unable to recognize some MP3 files which contain ID3v2-tags at the beginning of the media file

TwonkyMedia Server 4.4.3.1

- DivX and WMV support for PS3 (4.4.3.1)
- AAC support for PS3!
- Time information for pictures on PS3
- added Album Artist and Album Art for OGG and FLAC
- added rss feed support for all content types. Start with http://127.0.0.1:9000/rss/feed
- enhanced generated rss XML feed by more properties
- added webnodes seeting to .ini file to define which content nodes are accesible through the web interface. Default setting is MPV for all content types. e.g. set webnodes=P for sharing pictures only through the web interface.
- new supported clients
    - HP MediaSmart TV
    - Philips WAS7000
    - Zyxel DMA-1000
    - OXX Alto music player
    - Ziova DMP
    - Loewe Connect TV
    - TA music player
    - Denon AVR-3808

Changes

- upload can now be enabled/disabled through the uploadenabled flag
- different directories for upload for music/picture/video can be set now
- revised EXIF parser for pictures which extracts date information and thumbnails
- added apl file extension for AAC files
- album art is now scaled to JPEG_TN (DLNA) 160x160
- enhanced performance of JPEG scanner
- on rpc/rescan all files in the given content directories will be scanned again, not just 'new' files
- configpage URL is changed to http://127.0.0.1:9000/configpage

Bug fixes

- fixed duration info for AVI files
- fixed WMA album artist now also used as artist - if artist is missing
- fixed that VISTA goes to power safe mode while streaming
- made sure that bye bye message of server is send before a new alive message is send
- added new command line parameter -D to daemonize twonkymedia
- fixed broken iTunes import
- fixed thumbnails for Loewe Connect
- remove cache of transcoded content on database rebuild to free up used disk space
- fixed playlist update problem

- fixed problem that playlist are not removed from database
- fixed DSM-320 DivX streaming problem
- fixed WPL playlists containing special characters
- fixed sort of picture folders on webbrowse interface
- fixed album art for m4b files
- speed improvements on Exif parser
- use WAV file name notation always to fill in missing metadata
  - note: as WAV files do not carry metadata please use a naming schema like genre_artist_album_tracknumber_title.wav
- bind with reuse option to port 1900

Known issues

- if the server runs on a system with multiple NICs it disappears from time to time from the PS3
  - fix: you need to set the IP address of one NIC in the server configuration
- on some systems SMS style navigation with Philips clients seems not to work (this can not be reproduced in our environment)
- we list up to 25 radio stations per genre. it may be less if duplicate stations occur
- removable and network drives are not supported
- Zyxel DMA-1000 only supports very few Shoutcast radio stations
- PS3 does not support any Shoutcast radio stations
- Opera and Mozilla can not play back Shoutcast radio station (need QuickTime plug-in)
- can not support video thumbnails on XBOX360 and WMV, as these break divx playback

TwonkyMedia Server 4.4.2

Bug fixes

- thumbnails URLs are now offered after original URLs, so that simple clients which take just the first URL display full size images

TwonkyMedia Server 4.4.1

Changes

- support for webbrowse-js addon
- support for XP/VISTA power safe modes

Bug fixes

- fix for Noxon 2 detection, now also ignores wrong Noxon 2 sort criteria
- for MP3 ID3 tags which are using ASCII tags:
support for codepage ini file setting
use 932 for ShiftJIIS
use 936 for GBK (Chinese)
use -1 to disable all conversions and stick to ASCII
- path to app directory and ini file is now stored in the registry during setup
this should fix the problem that license keys from the service version of the
server are not found by the interactice one and vice versa
[HKEY_LOCAL_MACHINE\SOFTWARE\TwonkyMedia\AppDir]
"dir"="C:\\Documents and Settings\\user\\Application Data\\TwonkyMedia"
- if installed as service the twonkymedia icon now just launches the web config pages
and not an additional server
- support for mts and m2ts files
- ignore PNG album art in MP3 files
- accept large MP3 headers
fixed DSM-320 video problem (it requested a subtitle and got the whole video,
which caused either stuttering playback or hangups)
- Philips TV identified now by user agent header: Philips-Software-WebClient
needs to disable picture scaling

Known issues

- if using network drives on Windows please set scan time to 0 or positive values,
event based scanning will not work here!

TwonkyMedia Server 4.4

New Features

+ PS3 support (MP3,WMA,JPG,MPEG1,MPEG2,some MPEG4), no Internet Radio possible
+ Intel MAC support
+ replaced javascript mediabrowser by generated HTML pages (webbrowse)
+ new remote access via web browser

Changes

o added duration for most mpeg files, this enables the PS3 to FF/REW
o improved mpeg parser
o on Windows now use Application Data folder for database and other app data, should no
longer require to start as Admin on VISTA now

Bug fixes

fixed mp3 parser for UTF-8 char codes
- sort criteria for playlists fixed
- artist removed from default sort criteria
- date removed from default sort criteria
fixed device description
fixed default extension for video playlists
fixed m4v mime type
fixed randomize playlists
fixed duration for mp3 with large headers

on remote access setup:
set dyndns in .ini file to http://myhome.dyndns.org:9100
set httpremoteport in .ini file to 9100
forward 9100 on the firewall to the server
use http://myhome.dynfns.org:9100/webbrowse to access content
you should also set username and pwd on the config pages for secure access
you may use stunnel as well to protect the access even more...

TwonkyMedia Server 4.3

New Features

+ XBOX 360 features: folder browse on videos, mpeg4 and aac support, resume on videos
+ revised CD Key handling and trial version
+ support for Nokia N95 with upload

Changes

o changed default sort to: +upnp:artist,+upnp:album,+upnp:originalTrackNumber,+dc:date,+dc:title
o added mime type conversion to client DB file
o added time stamp to windows log file
o enhanced debug output on file scanning and playlist reading
o fixed enableweb=3, needs DYNDNS setting as well
o TwonkyMusic is discontinued from 4.3 on

Bug fixes

fixed library update message on MCW770
- search now delivers all titles with same name if these are from separate artists

TwonkyMedia Server 4.2

New Features

+ client device security (enable/disable server access per client)
+ web configuration pages can now be secured by username/password
+ enable/disable folder shares without removing them completely
+ simpler setup (pre-select most common used navigation trees)
+ support for .wmv video streaming for XBOX360
+ support for WMP11 on VISTA
+ added subtitle support for Philips streamium clients
+ added subtitle property to video objects pv:subtitlefile
+ revised client database (no longer single settings for each client needed)
+ support for Album Art files created by WMP
+ new revised database with faster scan times
+ revised file scanning
+ improved mpeg4 metadata scanner
+ additional content formats
+ additional clients supported

Changes

o changed Winamp support - just set the path to the installed Winamp
media library where the playlists and the m3u8 files are located as
part of the shared diectories, e.g.
C:\Program Files\Winamp\Plugins\ml

Bug fixes

- re-scaling for pictures is now proportional
fixed album sort order for Netgear EVA 700
fixed file system eventing
- a number of layout fixes for the Media Browser
fixed file scanner terminating on files with a date before 1970
fixed that the uri cache is growing and does not re-use existing uris
fixed upper/lowercase problems with playlist handling on Windows
fixed wpl scanner crashing on invalid wpl files
fixed handle leak on thread creation under windows
fixed manual registration of trial version
- removed non working Internet Radio for Yamaha which can do this native
fixed several playlist problems

Known issues

- directories containing single quotes (') can not be selected on the web config pages for sharing
- no FF for MPEG videos on DMS-320
- Linux users with a Netgear MP101 need to use the the 'Netgear MP101 RTP' client setting.
To apply this setting the server needs to be restarted.
- VISTA setup:
if there is an error message on setup please set User Access Control to off
- MediaBrowser playback depends heavily on Browser setup and installed plugins
- WMP11 will sometimes first download a video before starting playback, this
depends on the codec. Best format for streaming video with WMP11 is WMV.

TwonkyMedia Server 4.1

New Features

+ support for .mov and .tp files

Changes

o changed wording on update license information

Bug fixes

- Shoutcast scanner is no longer invoked every minute
fixed mem leak on Shoutcast import
- m4a scanner fixed
- installer for DS101g+ fixed
- on DSM-320 disabled picture rescale as this leads to bad quality

TwonkyMedia Server 4

new Features:
+ support for PSP, on http://serverip:9000/rss a PSP can now get feeds for all
local music and also for Shoutcast radio stations!
Note: the webpage supports all folders with a depth of one level only
+ support for file system eventing (Windows and inotify on Linux)
+ support for asian character sets
+ support for database plugins to import data from different sources
+ support for CGI and transcoder plugins
+ inbuild MediaBrowser
+ enhanced config pages (e.g. browse to content directory)
+ DLNA: support for create object and destroy object
+ support for Podcasts
+ support for Playlist folders
+ support for Composer and %COMPOSER macro
+ added cachedir and cachemaxsize params to set the cache location for transcoded files
+ support for embedded thumbnails from JPEG pictures (no scaling required here)
+ alpha group now supported for %PATH
+ support for VLC via special video playlists
+ new option powersavemode, set this to nnn minutes and the server will not access
the disk after nnn minutes of inactivity from client side
on sleep mode DB is flushed until a client needs it again (also saves memory now)
+ support for m4a metadata
+ new ini file option startupmb to enable/disable MediaBrowser as default page
set startupmb=1 to have MediaBrowser as default page
+ enhanced TG100 support
+ autodetection of TG100
+ Track Title display on Play All
+ Faster Track change on Play All
+ support for 3gp and mp4 audio
+ support for 3gp video
+ support for m4a metadata
+ support for Philips SLA5520
+ support for YAMAHA Network Receiver
+ support for ACTIVY Media Player 150
+ support for KiSS DP-600
+ support for ATwavTAg tags:
see http://www.nas-kan.org/detritus/audiotron.shtml#TOCMaker

Changes:
o MediaBrowser is new default page of server, configuration can be reached via
setup.html
o enhanced support for iTunes (playlist folder, videos, podcasts)
o .ini file is now stored as UTF-16
o adaptable configuration pages (based on javascript)
o Shoutcast html files must be saved with the string "shoutcast-radio" in the name
o enhanced performance on browse and search actions
o better memory utilization
o default ini file name is now always twonkyvision-mediaserver.ini and
located in the same directory where the runtime is
o much faster server announcement on startup

TwonkyMedia Server 4.01

Bug fixes

- rescan time > 0 works now
- better handling on license info
- TG100 no longer detected as music only client

TwonkyMedia Server 4.0

Bug fixes

- thumbnails on D-Link are back
- increased stability on connection (mainly WLAN streaming)
fixed the problem that XBOX no longer displays pictures
fixed security leak on rpc calls / only allow remote calls on enableweb=2
fixed sort order on all tracks
fixed sort problem on PATH
fixed Shoutcast scanner for new Shoutcast web page format
fixed Adobe Photoshop import for more than 256 tags

Known issues

- usage of UNC notation in playlists may lead to playlists not showing up
- on some clients server disappears after 30 minutes, this is due to
multicast problems in the network. Please set the option upnptimeout in
the .ini file here to 60000
- language support on NAS must be either ASCII, UTF-8 or ISO8859-1 to
show up filenames correctly.
- media with '&' and '?' in the filename can not be transcoded or rescaled

TwonkyMedia Server 3.1

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new Features:
+ magic playlist resolver which can OS independent find files in playlists,
you no longer need to edit your playlists if you juts copy them to Linux or
on a NAS
+ iTunes database can also now be stored on a NAS and used on a PC with iTunes
and "served" in parallel by the Server on the NAS without modifications
+ Shoutcast radio station selection
Now it is very simple to have your favourite Shoutcast stations
available via TwonkyMedia. just go to http://www.shoutcast.com
and search/select your favourite stations there. Save the
displayed web page somewhere under the content dirs of the
server (preferred solution is to have a special folder name
like "Shoutcast stations").
When saving the web page, make sure that the title contains
somewhere the word "Shoutcast", e.g. name it
"My Shoutcast rock songs.htm"
On the next rescan the server will find this file and present
the stations under
Internet radio
-> - Favourite Stations-
-> My Shoutcast rock songs
+ new event based API for rescans
+ Internet Radio support for XBOX, Internet Radio playlists are now listed
under playlists

Changes:
o improved DivX streaming for D-Link DSM 320
o improved performance again

Bug fixes

- vTuner now also works on Linux and NAS systems
- better backward compatibility for a number of clients
- XBOX now shows all items in a container (not only 130)

TwonkyMedia Server 3.0

----
new Features:
+ UIC certified (UPnP Logo)
+ DLNA certified
+ XBOX 360 support (music, pictures)
+ support for vTuner Internet Radio (set radio option to 2 or 3)
+ now playing item under playlists
(when selecting this item you can listen to the same music which you have
selected on another device)
+ FLAC support
+ multilanguage support
+ performance enhancements
+ memory enhancements (normal mem usage reduced by 50%)
+ new clients like BridgeCo and Syabas Firmware based clients
+ transcoding for FLAC and mp3 (this is based on LGPL programs, flac and lame. If these programs
are not part of this distribution and you need transcoding from mp3 to wav/LPCM or from
FLAC to wav you should download these prgrams and place them in the same dir as the
TwonkyMedia runtime (TwonkyMedia.exe).
See http://flac.sourceforge.net/ and http://lame.sourceforge.net/)
+ support for new macro %KEYWORD (we use the Keywords tag to read in special comments - for iTunes
we use this tag to place the Rating info there, so by specifying musicnode10=Rating,%KEYWORD
and using iTunes you can navigate on your songs by rating)

Bug fixes

- Adobe Photoshop Album support is back, and easier to configure now (only path to .psa file required)
- Roku Photobridge can now see video content
- content scan thread now has a low priority and should not hog the CPU any longer
- MCW770 library update message fixed

Changes:
o contentdir string limit is now 5KB
o improved client detection
o improved video streaming / see also option "streambuffer"
o new option telegentclient to supress video overlay on playing multiple streams

TwonkyMedia Server 2.9.1

Bug fixes

fixed a memory leak on MPEG4 playback
fixed broken picture support for TG100
fixed OGG Vobis parser for lowercase tags

TwonkyMedia Server 2.9

new Features:
+ Windows installer
+ MAC installer
+ Live365 Internet Radio support (by playlists)
+ Folder names can be prefixed by a string to identify them in the navigation
tree (see folderprefix option)
+ new followlinks option for UNIX/Linux systems
+ Dreambox and LinVDR support
Note: the videos served can not be handled by all clients,
e.g. Dreambox can be handled by DSM-320 and TG100, but LinVDR
seems to play only on DSM-320

Changes:
o improved video streaming
o improved support for Go.Video (picture)
o trial version works now for 30 minutes
o scantime can be set to -1 to prevent scanning at all (use DB only)
o removed options: videoi, idxdir, musicbuffer, picturebuffer, videobuffer
o improved RTP for Netgear, time left is now displayed, ff and rew works now
for mp3 files, wma files can be played (but no ff, rew)
o less update events send to clients to take care for "not overloading" clients
with to much info, like the MCW770 that could not play songs any longer because
it was refreshing its display ;-)
o the linux version -glibc2.2 is no longer there, because the server is now allways
linked against glibc-2.2 - so it will run on old and new distributions
o better support for search on TG100 now

Bug fixes

- MPEG4 playback works again (mp4 mime-type was broken)
- search now works allways on DSM-320
- playlists are now allways played in playlist order ;-)
fixed iTunes support on MAC

Known issues

- .vob files do not play with GoVideo clients
- LinVDR video files do not play with a number of clients
- Dreambox video files do not play with a number of clients

TwonkyMedia Server 2.8

new Features:
+ RTP/RTSP support for Netgear MP101, so that music streaming from Linux and NAS
devices now works without glitches
+ Shoutcast Radio stations can be now filtered by genre
(see options radiogenre and rawradiogenre)
+ support for OGG Vorbis files
+ search support for D-Link DSM 320
+ DivX support for D-Link DSM-320
+ DivX support for MP115

Changes:
o improved Shoutcast support (less problems with Firewalls)
o new web config pages
o config page can now also be retrieved as server root page (just http://ip:port)

Bug fixes

- Shoutcast works now with Norton Internet Security installed (still have to allow UPnP traffic!)
- .wpl playlists no longer cause 90% CPU usage on missing files
- shuffle support for *most* Philips Streamium devices
- support of special characters for Homepod (Umlaute)
fixed upnp eventing
- MCW770 is no longer detected as Roku ;-)
fixed Internet Radio support for MCW770

Known issues

- SMS style search is sometimes not working on Philips devices
- Webfrontend can not be redirected through Apache Server

New options:
+ param -radiogenre [genre1,genre2,...] = comma separated list of genres which must be a substring
of the shoutcast radio genre to add the station to the station list. Leave this empty to add all
stations independent of their genre. Info on genres can be found at the Shoutcast web site.
+ param -rawradiogenre [n] = to display the genres as they are retrieved direct from Shoutcast
+ param -rtpport [n] = set port for rtp server, 0 for dynamicall port allocation (for Netgear MP101 only)
+ param -netgearrtp [n] = set this to 1 to use more stable RTP streaming for Netgear MP101
+ param -homepodclient [ip1,ip2,...] = comma separated list of ip adresses of Homepod client devices.
This list is used to identify Homepod clients - if autodetection does not work.

TwonkyMedia Server 2.7

new Features:
+ implemented shuffle for Philips Streamium clients

Changes:
o server sends data no longer with max speed given by network, but only with max
required speed by the codec (if info is available) (should fix the Netgear problem)
o improved playlist support to locate files from playlist when playlist have been moved across systems
(for m3u)
o rescale of pictures can be disabled for NAS devices with low mem (option norescale)

Bug fixes

- search for Roku can be disabled to get customized tree view back
- roman numbers are not converted to upper/lowercase any longer
fixed crash on vbr encoded mp3 files
fixed crash on dbfile read
- artist, album and genre information now added for music containers
- added own atoll function to support MAC again

TwonkyMedia Server 2.6

new Features:
+ search for Roku clients
+ trial versions of MediaServer for NAS devices available as part of the
free MusicServer bundle

Changes:
o musicserver uses different .ini file than mediaserver
twonkyvision-musicserver.ini and twonkyvision-mediaserver.ini
o changed logfile format and added timestamp
o database file is now read and written asynch.
improved performance of persistance db

Bug fixes

fixed a bug in range header which prevented clients to play more than one song
- items could only be added once to a playlist
- give appropriate error on Internet Radio Stations which are not available
- friendly name is now part of UDN to enable multiple servers on the same system
- wrong mime type for WAV files

TwonkyMedia Server 2.5

new Features:
+ highly customizable tree view for the MediaServer (see doc for details)
+ support for compilations (iTunes)
+ support for WAV files
note: as WAV files do not carry metadata please use a naming schema like
genre_artist_album_tracknumber_title.wav
to give as much info as possible to the server
+ support for Netgear upgrades (server can ne used to upgrade Netgear clients)
+ support for user defined name of the server (Media Server only)
+ support for Streamium quick positioning (Letter Keys) and Thumbnails
+ support for Roku search functions (except composer)
+ new option to set HTTP server port (-httpport)
+ Title and other strings are now 'cleaned', adjusted upper/lower case and
prepending strings like 'the, der, die, das ...'
+ content dir can be prepended by M| or P| or V| to strictly allow only
music, pictures or video content for a specific folder tree
sample: contentdir=M|c:\My Music,P|c:\My Pictures,V|c:\My Videos
+ new param: -inifile to set location of .ini file
+ can trigger rescan via url /rescan?[dir] or for Windows via Menu
+ WPL playlist support
+ PLS playlist support
+ security settings for web configuration page (enableweb parameter)

Changes:
* radio support no longer done via getshoutcast tool, but build directly
into the server. See new numradiostations and radioreread options.
* usecwd flag no longer supported. If the server should use the current
working dir for content scans just leave the contentdir variable set to
an empty string
* winamp plugin no longer available. Winamp library and playlists can be
imported and used by the standalon version now - set the winamp property
in the .ini file or use the -winamp commandline param to specify the
directory where winamp is located

Bug fixes

- radio proxy now follows redirect URLs
fixed a bug where mp3 parser mixed composer tag with genre tag
- hidden and system files are no longer added to content directory
- special characters (umlaute) are now displayed correct at Noxon, this
client can not handle UTF-8 escape sequences, so until they come with
an update we use enhanced ASCII table here
- support for files larger than 2GB added

TwonkyMedia Server 2.4

Bug fixes

fixed a bug in HTTP server which killed interop with Streamium and
LinkSys clients
fixed a bug that killed the first letter of folder names in the folder tree

TwonkyMedia Server 2.3

new Features:
+ Apple Macintosh support
+ full working internal web pages to configure MediaServer
+ new option ignoredir to disable content scanner on subdirectories
with special substrings
+ "All Stations" entry under Internet Radio

Bug fixes

- MP3 parser fixed, there were problems with a number of MP3 tags
- Album sort order fixed (was a problem of mp3 parser not getting track info)
- on Windows was the internal server started on port 8080, even when this
port was already bound to another program
- M3U files are now limited to 1MB as larger M3U files can break clients
- problem fixed with DSM-320 hangup if navigating content
(seems DSM-320 does not support content-lenght header)
- WMA parser fixed, track number now read from WM/Track and WM/TrackNumber
tags in various formats
- ini file reader fixed, can now handle files in DOS and UNIX style even
if copied across platforms
- removed Windows event monitor function for content dirs, as this blocked
renaming of files and even caused trouble when installing other programs.
Now on all systems the directory rescan is time based
- double entries for Internet Radio stations no longer accepted
- radio items now have the Genre property
- Radio proxy (Shoutcast) now resolves all available URLs for one station
until it finds one which is playable. Much more stable on radio stations
now

TwonkyMedia Server 2.2

New Features

Improvements

Bug fixes

new Features:
+ Go.Video support
+ randomization of playlists via config option
+ added "ALL" entry to music tree view
+ DB sort is now case insensitive
+ autodetect of clients like Netgear to adjust main menu and shortcut
buttons per client
+ contentdir list is now a comma separated list
+ first draft of a presentation page which enables configuration via
a web browser
+ support for iTunes lib
+ added new options to commandline and configfile:
o randomize playlists
o restart server on NIC change
o always use current working directory for DB
o error mp3 file for non working radio stations

Changes:
- .ini file handling and options have changed
- Radio stations are now always read by the server from a .ini file
a new tool - getshoutcast - is provided to create this file for one
time. This tool can be called one time and than the list of radio
stations can be edited by the user to only include the favorite
stations.

Bug fixes

UPnP Mediaserver related
- new version was slower on directory scan -> resolved by tweaking the mp3 parser
- some faulty EXIF headers in JPEG files crashed the server
- server caused an exception on upnp eventing
- moving files around destoryed directory structure
- double entries for some files
- server did not release directory handles
- for MP3 tags which have "unknown" as title we now use the filename
- MediaServer Enhanced.exe did not run as a service
- MP3 scanner, memory usage was directly related to file size - large files
were a problem -> fixed by tweaking mp3 parser
- service failed to start for large DB
- when the IP switch exists it also needed to suppress NIC change actions
- DB sort was case sensitive
- System crashed on HTTP head requests for radio streams
- problems with Appleshare -> .appleshare directories are ignored now
- limit for m3u files removed (was 60KB before)
- directory scan bug in Linux version fixed which added files twice
- D-Link now can play music again (could not handle m3u files)

GoVideo D2730 Networked DVD Player related
- picture does not work -> now full GoVideo support

Netgear MP 101 related
- MP101 did not list songs in original album order -> fixed
- Full Version of MediaServer "broke" NetGear's shortcut buttons

Known issues

- Netgear MP101 can not fast forward or reverse because this is feature
is only available via RTSP streaming which is not supported by the
TwonkyVision Media Server
- can not reproduce:
Netgear only plays one song of an album

TwonkyMedia Server 2.1

New Features

- + daemon flag for Linux version (-D)
- up to three content dirs with param contentdir1, contentdir2, contentdir3

Changes

- note: -rootdir is no longer supported!

Bug fixes

- service version crashed on startup
- Shoutcast Radio Stations from playlists did not play
- JPEG parser crashed on some files
- MP3 parser gave error on MP3 files with bad codec version information
- fixed stack overflow bug in Windows Music Server version
- fixed sort order of tracks

Known issue

- If you have problems with the old .ini file settings, just delete the old .ini file, it will be recreated
on startup.

TwonkyMedia Server 2.00

New Features

support for WMA (only non DRM protected files)
support for descriptions in pictures
support for scaling of pictures
support for YUV transcoding of pictures for Sony clients
support for videos (various formats)
support of complex search strings as issued by Sony clients, which ignore the getSearchCapabilities
response
special support for Netgear MP101 quick keys
special support for D-Link root menu
more supported clients (e.g. LinkSys)
support of Adobe Photoshop Album databases
trial version of the enhanced Media Server

Improvements

- improved Internet Radio support
- improved handling of .ini file
- directory scan under windows is replaced by a directory change event routine - no unnecessary background scans any longer
- for UNIX the rescan time can be adjusted by the commandline
- improved handling of failed Internet Radio connections

TwonkyMedia Server 1.07

New Features

- compliance with Philips streamium devices

Improvements

- for album we now give the client a M3U file, it should be easier for clients now to play complete album's and not only one track.
  Unfortunately the Netgear MP101 does not make use of this feature.
- the Winamp plugin can be configured to a specific IP address in the Winamp.ini file
- new Winamp plugin for a renderer - now Winamp can play files from the server when used together with a Control Point like the one from the Intel Tools

Bug fixes

- fixed playlist suppport for UNIX version

TwonkyMedia Server 1.06

New Features

- new option -ip to bind the server to a specific NIC
- new options to give server side sort strings for containers, music tracks and pictures, playlist sort order is never altered (see -ds -ms -ps)
- rescans directory tree every 5 minutes

Improvements

- default sort for track now uses track number as main sort criteria
- enhanced threading
- more robust HTTP handling

Bug fixes

- quite a number of bugs fixed in LINUX version -> tested on Redhat, Debian and Suse

TwonkyMedia Server 1.05

New Features

- LINUX version!
- support for low latency networks which prevented browsing after server detection (HTTP packet fragmentation)
- standalone server automatically rescans shared directories and updates server tree
- supports now more formats of m3u playlists
- server with better organized tree (deeper) now available for a small registration fee

TwonkyMedia Server 1.04

New Features

- support for Shoutcast Radio streaming (tested with MP101 and Sony Network Media-Receiver)
- the standalone version can be installed as NT-Service which runs in the background (-install and -uninstall parameter)
- support for special characters in titles
- unsorted requests are now translated as "sort alphabetically"
- support for the MP101 search function
- support for the searchable attribute for containers
- new parameter: -nopictures for standalone server to limit the tree of the server to audio files only

TwonkyMedia Server 1.03

Changes

- Disabled chunked encoding support for compability with Netgear MP101

TwonkyMedia Server 1.02

New Features

- Full fledged UPnP Media Server for audio, picture and video files
  - supports Browse and Search action
  - support for Playlists
  - support for Shoutcast radio stations
  - DHWG compliance
- Support for pictures in the standalone server version (not in the Winamp plugin)
- Support for the new Intel Tools 1.0.1515.27622, which require CR/LF in XML files