

Tvheadend - Bug #3617

crash (tvh:dvr invoked oom-killer)

2016-03-09 21:53 - g siviero

Status:	Fixed	Start date:	2016-03-09
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Crashes	Estimated time:	0.00 hour
Target version:		Affected Versions:	
Found in version:	HTS Tvheadend 4.1-1628~ga44061c		

Description

In the last two days (after I updated to 4.1-1628, before with 4.1-1576 never happened) the application has crashed every evening.

at some point I find some EOVERFLOW errors

```
Mar 9 18:56:32 raspberrypi tvheadend[9249]: linuxdvb: DiBcom 7000PC : DVB-T #0 - read() EOVERFLOW
Mar 9 18:56:33 raspberrypi tvheadend[9249]: linuxdvb: DiBcom 7000PC : DVB-T #0 - read() EOVERFLOW
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/546MHz/Rai 5: MPEG2VIDEO @ #234 Continuity counter error (total 2)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/546MHz/Rai 5: MPEG2AUDIO @ #254 Continuity counter error (total 1)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/514MHz/Rai Scuola: MPEG2VIDEO @ #436 Continuity counter error (total 32)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/514MHz/Rai Scuola: MPEG2AUDIO @ #447 Continuity counter error (total 5)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/514MHz/Rai Scuola: TELETEXT @ #588 Continuity counter error (total 2)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: linuxdvb: DiBcom 7000PC : DVB-T #0 - read() EOVERFLOW
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/690MHz/frisbee: MPEG2VIDEO @ #1457 Continuity counter error (total 11)
Mar 9 18:56:33 raspberrypi tvheadend[9249]: TS: DVB-T Italy/690MHz/frisbee: TELETEXT @ #1460 Continuity counter error (total 1)
Mar 9 18:56:34 raspberrypi tvheadend[9249]: eit: 546MHz in DVB-T Italy: invalid checksum (len 217, errors 1)
```

then at some point something "bad" happens and it looks like tvh gets killed for an out-of memory error:

```
Mar 9 18:58:51 raspberrypi tvheadend[9249]: subscription: 0E1D: "epggrab" subscribing to mux "506 MHz", weight: 4, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
Mar 9 18:58:52 raspberrypi tvheadend[9249]: TS: DVB-T Italy/514MHz/Rai Scuola: MPEG2VIDEO @ #436 Continuity counter error (total 33)
Mar 9 18:58:56 raspberrypi tvheadend[9249]: mpegts: 506MHz in DVB-T Italy scan complete
Mar 9 19:00:11 raspberrypi kernel: [70100.018574] tvh:dvr invoked oom-killer: gfp_mask=0x10200da, order=0, oom_score_adj=0
Mar 9 19:00:11 raspberrypi kernel: [70100.018602] tvh:dvr cpuset=/ mems_allowed=0
Mar 9 19:00:11 raspberrypi kernel: [70100.018637] CPU: 2 PID: 14424 Comm: tvh:dvr Not tainted 4.1.18-v7+ #846
Mar 9 19:00:11 raspberrypi kernel: [70100.018648] Hardware name: BCM2709
Mar 9 19:00:11 raspberrypi kernel: [70100.018700] [<800184b8>] (unwind_backtrace) from [<80013ee0>] (show_stack+0x20/0x24)
Mar 9 19:00:11 raspberrypi kernel: [70100.018730] [<80013ee0>] (show_stack) from [<80569038>] (dump_stack+0xd4/0x118)
Mar 9 19:00:11 raspberrypi kernel: [70100.018765] [<80569038>] (dump_stack) from [<80568550>] (dump_header+0xc0/0x1ec)
Mar 9 19:00:11 raspberrypi kernel: [70100.018792] [<80568550>] (dump_header) from [<800f99b8>] (oom_kill_process+0x23c/0x460)
Mar 9 19:00:11 raspberrypi kernel: [70100.018817] [<800f99b8>] (oom_kill_process) from [<800f9ed4>] (__out_of_memory+0x278/0x3a8)
Mar 9 19:00:11 raspberrypi kernel: [70100.018839] [<800f9ed4>] (__out_of_memory) from [<800falec>] (out_of_memory+0x68/0x80)
```

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Mar 9 19:00:11 raspberrypi kernel: [70100.018865] [<800falec>] (out_of_memory) from [<800febc4>]
(__alloc_pages_nodemask+0x858/0x8f0)
Mar 9 19:00:11 raspberrypi kernel: [70100.018890] [<800febc4>] (__alloc_pages_nodemask) from [<80
0f6028>] (pagecache_get_page+0x100/0x1cc)
Mar 9 19:00:11 raspberrypi kernel: [70100.018914] [<800f6028>] (pagecache_get_page) from [<800f66
50>] (grab_cache_page_write_begin+0x2c/0x40)
Mar 9 19:00:11 raspberrypi kernel: [70100.018943] [<800f6650>] (grab_cache_page_write_begin) from
 [<80237988>] (nfs_write_begin+0x60/0x20c)
Mar 9 19:00:11 raspberrypi kernel: [70100.018969] [<80237988>] (nfs_write_begin) from [<800f67d8>
] (generic_perform_write+0xd0/0x1c8)
Mar 9 19:00:11 raspberrypi kernel: [70100.018992] [<800f67d8>] (generic_perform_write) from [<800
f7db0>] (__generic_file_write_iter+0x19c/0x1ec)
Mar 9 19:00:11 raspberrypi kernel: [70100.019016] [<800f7db0>] (__generic_file_write_iter) from [
<800f7f54>] (generic_file_write_iter+0x154/0x29c)
Mar 9 19:00:11 raspberrypi kernel: [70100.019041] [<800f7f54>] (generic_file_write_iter) from [<8
0237ba4>] (nfs_file_write+0x70/0x184)
Mar 9 19:00:11 raspberrypi kernel: [70100.019067] [<80237ba4>] (nfs_file_write) from [<80148ec4>]
(__vfs_write+0xb8/0xe8)
Mar 9 19:00:11 raspberrypi kernel: [70100.019092] [<80148ec4>] (__vfs_write) from [<80149738>] (v
fs_write+0xa0/0x1a8)
Mar 9 19:00:11 raspberrypi kernel: [70100.019115] [<80149738>] (vfs_write) from [<8014a0a8>] (SyS
_write+0x54/0xb0)
Mar 9 19:00:11 raspberrypi kernel: [70100.019141] [<8014a0a8>] (SyS_write) from [<8000fa20>] (ret
_fast_syscall+0x0/0x54)
Mar 9 19:00:11 raspberrypi kernel: [70100.019153] Mem-Info:
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] active_anon:111591 inactive_anon:111607 isolate
d_anon:0
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] active_file:246 inactive_file:219 isolated_fil
e:0
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] unevictable:0 dirty:0 writeback:0 unstable:0
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] slab_reclaimable:2561 slab_unreclaimable:1978
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] mapped:892 shmem:521 pagetables:625 bounce:0
Mar 9 19:00:11 raspberrypi kernel: [70100.019185] free:2036 free_pcp:518 free_cma:0
Mar 9 19:00:11 raspberrypi kernel: [70100.019249] Normal free:8144kB min:8192kB low:10240kB high:
12288kB active_anon:446364kB inactive_anon:446428kB active_file:984kB inactive_file:876kB unevicta
ble:0kB isolated(anon):0kB isolated(file):0kB present:966656kB managed:948060kB mlocked:0kB dirty:
0kB writeback:0kB mapped:3568kB shmem:2084kB slab_reclaimable:10244kB slab_unreclaimable:7912kB ke
rnel_stack:1000kB pagetables:2500kB unstable:0kB bounce:0kB free_pcp:2072kB local_pcp:532kB free_c
ma:0kB writeback_tmp:0kB pages_scanned:13152 all_unreclaimable? yes
Mar 9 19:00:11 raspberrypi kernel: [70100.019263] lowmem_reserve[]: 0 0
Mar 9 19:00:11 raspberrypi kernel: [70100.019282] Normal: 111*4kB (U) 1*8kB (R) 2*16kB (R) 2*32kB
(R) 3*64kB (R) 0*128kB 1*256kB (R) 0*512kB 1*1024kB (R) 1*2048kB (R) 1*4096kB (R) = 8164kB
Mar 9 19:00:11 raspberrypi kernel: [70100.019377] 2392 total pagecache pages
Mar 9 19:00:11 raspberrypi kernel: [70100.019391] 1294 pages in swap cache
Mar 9 19:00:11 raspberrypi kernel: [70100.019404] Swap cache stats: add 40840, delete 39546, find
8917/11861
Mar 9 19:00:11 raspberrypi kernel: [70100.019414] Free swap = 0kB
Mar 9 19:00:11 raspberrypi kernel: [70100.019423] Total swap = 102396kB
Mar 9 19:00:11 raspberrypi kernel: [70100.019432] 241664 pages RAM
Mar 9 19:00:11 raspberrypi kernel: [70100.019441] 0 pages HighMem/MovableOnly
Mar 9 19:00:11 raspberrypi kernel: [70100.019450] 2601 pages reserved
Mar 9 19:00:11 raspberrypi kernel: [70100.019459] 2048 pages cma reserved
Mar 9 19:00:11 raspberrypi kernel: [70100.019469] [ pid ] uid tgid total_vm rss nr_ptes n
r_pmds swapents oom_score_adj name
Mar 9 19:00:11 raspberrypi kernel: [70100.019501] [ 104] 0 104 2487 419 9
0 30 0 systemd-journal
Mar 9 19:00:11 raspberrypi kernel: [70100.019520] [ 106] 0 106 2829 25 7
0 88 -1000 systemd-udevd
Mar 9 19:00:11 raspberrypi kernel: [70100.019538] [ 328] 0 328 1268 11 6
0 39 0 cron
Mar 9 19:00:11 raspberrypi kernel: [70100.019557] [ 329] 0 329 849 21 7
0 30 0 systemd-logind
Mar 9 19:00:11 raspberrypi kernel: [70100.019575] [ 334] 106 334 1002 62 5
0 22 0 avahi-daemon
Mar 9 19:00:11 raspberrypi kernel: [70100.019594] [ 336] 105 336 1373 48 7
0 37 -900 dbus-daemon
Mar 9 19:00:11 raspberrypi kernel: [70100.019612] [ 357] 65534 357 573 5 6

```

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0      25      0 thd
Mar 9 19:00:11 raspberrypi kernel: [70100.019631] [ 367] 106 367 969 13 5
0      43      0 avahi-daemon
Mar 9 19:00:11 raspberrypi kernel: [70100.019649] [ 406] 0 406 8036 54 10
0      118     0 rsyslogd
Mar 9 19:00:11 raspberrypi kernel: [70100.019668] [ 568] 0 568 641 25 5
0      37      0 dhcpcd
Mar 9 19:00:11 raspberrypi kernel: [70100.019718] [ 569] 0 569 1965 26 7
0      88     -1000 sshd
Mar 9 19:00:11 raspberrypi kernel: [70100.019736] [ 589] 107 589 1442 29 8
0      78      0 ntpd
Mar 9 19:00:11 raspberrypi kernel: [70100.019754] [ 590] 0 590 1013 1 5
0      32      0 agetty
Mar 9 19:00:11 raspberrypi kernel: [70100.019773] [ 591] 0 591 968 1 7
0      32      0 agetty
Mar 9 19:00:11 raspberrypi kernel: [70100.019793] [ 9249] 109 9249 327672 220814 524
0    19302     0 tvheadend
Mar 9 19:00:11 raspberrypi kernel: [70100.019811] Out of memory: Kill process 9249 (tvheadend) sc
ore 916 or sacrifice child
Mar 9 19:00:11 raspberrypi kernel: [70100.019835] Killed process 9249 (tvheadend) total-vm:131068
8kB, anon-rss:883256kB, file-rss:0kB

```

I don't know the cause or how to troubleshoot the problem.
Any suggestions?

Something else that could be connected:

A 0MHz and some 100MHz muxes are automatically added but they are obviously out of range for DVB-T.

```

[ 11.539266] usb 1-1.5: DVB: adapter 3 frontend 0 frequency 0 out of range (45000000..86000000)
[ 11.595587] usb 1-1.5: DVB: adapter 2 frontend 0 frequency 0 out of range (45000000..86000000)
[ 11.633413] usb 1-1.3: DVB: adapter 1 frontend 0 frequency 0 out of range (45000000..86000000)
[ 11.689494] usb 1-1.3: DVB: adapter 0 frontend 0 frequency 0 out of range (45000000..86000000)
[ 12.378707] IPv6: ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
[ 12.387221] smsc95xx 1-1.1:1.0 eth0: link up, 100Mbps, full-duplex, lpa 0xC1E1
[ 489.427142] usb 1-1.3: DVB: adapter 0 frontend 0 frequency 100 out of range (45000000..86000000)
0)

```

I disabled them manually, but I did not notice this behaviour in the previous releases (4.1-1576 for example).

lsusb

```

Bus 001 Device 005: ID 1415:0003 Nam Tai E&E Products Ltd. or OmniVision Technologies, Inc.
Bus 001 Device 004: ID 1415:0003 Nam Tai E&E Products Ltd. or OmniVision Technologies, Inc.
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

```

History

#1 - 2016-03-10 23:27 - g siviero

Again tonight:

```

Mar 10 21:14:02 raspberrypi tvheadend[17128]: mpegts: 594MHz in DVB-T Italy scan complete
Mar 10 21:14:45 raspberrypi kernel: [85731.266777] ntpd invoked oom-killer: gfp_mask=0x201da, order=0, oom_sco
re_adj=0
Mar 10 21:14:45 raspberrypi kernel: [85731.266806] ntpd cpuset=/ mems_allowed=0
Mar 10 21:14:45 raspberrypi kernel: [85731.266839] CPU: 1 PID: 627 Comm: ntpd Not tainted 4.1.18-v7+ #846
Mar 10 21:14:45 raspberrypi kernel: [85731.266853] Hardware name: BCM2709
Mar 10 21:14:45 raspberrypi kernel: [85731.266902] [<800184b8>] (unwind_backtrace) from [<80013ee0>] (show_sta
ck+0x20/0x24)
Mar 10 21:14:45 raspberrypi kernel: [85731.266931] [<80013ee0>] (show_stack) from [<80569038>] (dump_stack+0xd
4/0x118)
Mar 10 21:14:45 raspberrypi kernel: [85731.266957] [<80569038>] (dump_stack) from [<80568550>] (dump_header+0x
c0/0x1ec)
Mar 10 21:14:45 raspberrypi kernel: [85731.266984] [<80568550>] (dump_header) from [<800f99b8>] (oom_kill_proc
ess+0x23c/0x460)

```

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Mar 10 21:14:45 raspberrypi kernel: [85731.267014] [<800f99b8>] (oom_kill_process) from [<800f9ed4>] (__out_of_memory+0x278/0x3a8)
Mar 10 21:14:45 raspberrypi kernel: [85731.267037] [<800f9ed4>] (__out_of_memory) from [<800falec>] (out_of_memory+0x68/0x80)
Mar 10 21:14:45 raspberrypi kernel: [85731.267062] [<800falec>] (out_of_memory) from [<800febc4>] (__alloc_pages_nodemask+0x858/0x8f0)
Mar 10 21:14:45 raspberrypi kernel: [85731.267087] [<800febc4>] (__alloc_pages_nodemask) from [<800f847c>] (filemap_fault+0x238/0x4e0)
Mar 10 21:14:45 raspberrypi kernel: [85731.267114] [<800f847c>] (filemap_fault) from [<8011dcec>] (__do_fault+0x4c/0xb4)
Mar 10 21:14:45 raspberrypi kernel: [85731.267141] [<8011dcec>] (__do_fault) from [<80121458>] (handle_mm_fault+0x840/0x10c0)
Mar 10 21:14:45 raspberrypi kernel: [85731.267165] [<80121458>] (handle_mm_fault) from [<8056edec>] (do_page_fault+0x2e4/0x398)
Mar 10 21:14:45 raspberrypi kernel: [85731.267191] [<8056edec>] (do_page_fault) from [<800092a8>] (do_PrefetchAbort+0x44/0xa8)
Mar 10 21:14:45 raspberrypi kernel: [85731.267213] [<800092a8>] (do_PrefetchAbort) from [<8056e9a4>] (ret_from_exception+0x0/0x1c)
Mar 10 21:14:45 raspberrypi kernel: [85731.267228] Exception stack(0xb741ffb0 to 0xb741fff8)
Mar 10 21:14:45 raspberrypi kernel: [85731.267246] ffa0: ffffffff 7ede6c5c 00000000 00000000
Mar 10 21:14:45 raspberrypi kernel: [85731.267265] ffc0: 00000000 000dcdf0 000dd914 0000008e 00000001 000dd914 000dc9a0 000dcde4
Mar 10 21:14:45 raspberrypi kernel: [85731.267283] ffe0: 00000000 7ede6c38 00021834 76ccca40 40000010 ffffffff
Mar 10 21:14:45 raspberrypi kernel: [85731.267294] Mem-Info:
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] active_anon:111668 inactive_anon:111712 isolated_anon:0
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] active_file:79 inactive_file:96 isolated_file:20
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] unevictable:0 dirty:0 writeback:2 unstable:0
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] slab_reclaimable:2444 slab_unreclaimable:2108
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] mapped:87 shmem:294 pagetables:619 bounce:0
Mar 10 21:14:45 raspberrypi kernel: [85731.267325] free:2029 free_pcp:565 free_cma:0
Mar 10 21:14:45 raspberrypi kernel: [85731.267389] Normal free:8116kB min:8192kB low:10240kB high:12288kB active_anon:446672kB inactive_anon:446848kB active_file:316kB inactive_file:384kB unevictable:0kB isolated(anon):0kB isolated(file):80kB present:966656kB managed:948060kB mlocked:0kB dirty:0kB writeback:8kB mapped:348kB shmem:1176kB slab_reclaimable:9776kB slab_unreclaimable:8432kB kernel_stack:1000kB pagetables:2476kB unstable:0kB bounce:0kB free_pcp:2260kB local_pcp:592kB free_cma:0kB writeback_tmp:0kB pages_scanned:4904 all_unreclaimable? yes
Mar 10 21:14:45 raspberrypi kernel: [85731.267402] lowmem_reserve[]: 0 0
Mar 10 21:14:45 raspberrypi kernel: [85731.267420] Normal: 153*4kB (U) 2*8kB (R) 1*16kB (R) 1*32kB (R) 1*64kB (R) 2*128kB (R) 2*256kB (R) 1*512kB (R) 0*1024kB 1*2048kB (R) 1*4096kB (R) = 8164kB
Mar 10 21:14:45 raspberrypi kernel: [85731.267522] 579 total pagecache pages
Mar 10 21:14:45 raspberrypi kernel: [85731.267536] 4 pages in swap cache
Mar 10 21:14:45 raspberrypi kernel: [85731.267549] Swap cache stats: add 30380, delete 30376, find 3017/3263
Mar 10 21:14:45 raspberrypi kernel: [85731.267559] Free swap = 0kB
Mar 10 21:14:45 raspberrypi kernel: [85731.267568] Total swap = 102396kB
Mar 10 21:14:45 raspberrypi kernel: [85731.267577] 241664 pages RAM
Mar 10 21:14:45 raspberrypi kernel: [85731.267586] 0 pages HighMem/MovableOnly
Mar 10 21:14:45 raspberrypi kernel: [85731.267596] 2601 pages reserved
Mar 10 21:14:45 raspberrypi kernel: [85731.267606] 2048 pages cma reserved
Mar 10 21:14:45 raspberrypi kernel: [85731.267616] [ pid ] uid tgid total_vm rss nr_ptes nr_pmds swapes
nts oom_score_adj name
Mar 10 21:14:45 raspberrypi kernel: [85731.267645] [ 104] 0 104 2487 33 7 0
30 0 systemd-journal
Mar 10 21:14:45 raspberrypi kernel: [85731.267664] [ 106] 0 106 2829 25 8 0
88 -1000 systemd-udevd
Mar 10 21:14:45 raspberrypi kernel: [85731.267683] [ 328] 0 328 1268 10 6 0
40 0 cron
Mar 10 21:14:45 raspberrypi kernel: [85731.267702] [ 330] 0 330 849 21 6 0
31 0 systemd-logind
Mar 10 21:14:45 raspberrypi kernel: [85731.267722] [ 334] 106 334 969 46 7 0
22 0 avahi-daemon
Mar 10 21:14:45 raspberrypi kernel: [85731.267741] [ 337] 105 337 1373 48 6 0
36 -900 dbus-daemon
Mar 10 21:14:45 raspberrypi kernel: [85731.267759] [ 359] 65534 359 573 5 5 0
25 0 thd
Mar 10 21:14:45 raspberrypi kernel: [85731.267887] [ 364] 106 364 969 13 5 0
43 0 avahi-daemon
Mar 10 21:14:45 raspberrypi kernel: [85731.267924] [ 407] 0 407 8036 55 8 0
123 0 rsyslogd
Mar 10 21:14:45 raspberrypi kernel: [85731.267957] [ 568] 0 568 641 25 5 0
37 0 dhcpcd
Mar 10 21:14:45 raspberrypi kernel: [85731.267990] [ 569] 0 569 1965 23 7 0
92 -1000 sshd
Mar 10 21:14:45 raspberrypi kernel: [85731.268009] [ 627] 107 627 1442 29 7 0
78 0 ntpd

```

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Mar 10 21:14:45 raspberrypi kernel: [85731.268026] [ 629] 0 629 1013 1 7 0
32 0 agetty
Mar 10 21:14:45 raspberrypi kernel: [85731.268045] [ 630] 0 630 968 1 5 0
32 0 agetty
Mar 10 21:14:45 raspberrypi kernel: [85731.268065] [17128] 109 17128 327432 222481 524 0 17
592 0 tvheadend
Mar 10 21:14:45 raspberrypi kernel: [85731.268082] Out of memory: Kill process 17128 (tvheadend) score 916 or
sacrifice child
Mar 10 21:14:45 raspberrypi kernel: [85731.268109] Killed process 17128 (tvheadend) total-vm:1309728kB, anon-r
ss:889924kB, file-rss:0kB

```

I will try to revert back to 4.1-1576 over the weekend and see if this happen again with the old version.

#2 - 2016-03-11 10:20 - g siviero

I installed 4.1-1659~g55db3a5 and stressed the system with multiple simultaneous recording (3 on 3 different muxes).

From what I see with top I can notice that, while CPU remains at about 60%, memory usage continues to grow as time passes:

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
31034	hts	20	0	691956	297900	6704	S	61,7	31,4	6:09.13	tvheadend
31034	hts	20	0	713460	318620	6704	S	62,1	33,6	6:40.27	tvheadend
31034	hts	20	0	726772	331772	6600	S	58,8	35,0	6:58.53	tvheadend
31034	hts	20	0	735988	342416	6600	S	56,6	36,1	7:13.02	tvheadend
31034	hts	20	0	755444	360116	6600	S	61,4	38,0	7:36.86	tvheadend
31034	hts	20	0	792308	398152	6600	S	60,1	42,0	8:28.30	tvheadend
31034	hts	20	0	803572	408080	6328	S	59,4	43,0	8:44.66	tvheadend
31034	hts	20	0	823028	426252	5168	S	59,1	45,0	9:16.91	tvheadend
31034	hts	20	0	844532	445876	4208	S	59,4	47,0	9:44.76	tvheadend
31034	hts	20	0	863988	464132	2460	S	60,4	49,0	10:14.03	tvheadend
31034	hts	20	0	884468	493012	2460	S	57,9	52,0	10:48.87	tvheadend
31034	hts	20	0	915188	522188	2100	S	63,1	55,1	11:23.88	tvheadend
31034	hts	20	0	963316	569836	1228	S	61,7	60,1	12:23.59	tvheadend
31034	hts	20	0	1009396	615984	1228	S	58,7	65,0	13:23.39	tvheadend
31034	hts	20	0	1057524	663304	1140	S	61,1	70,0	14:32.45	tvheadend
31034	hts	20	0	1152756	758672	1032	S	62,4	80,0	16:41.64	tvheadend
31034	hts	20	0	1247900	853660	1708	S	59,4	90,0	18:17.45	tvheadend
31034	hts	20	0	1338908	886596	0	S	62,1	93,5	19:27.89	tvheadend

and ... Boom. Out of memory. sad.png

#3 - 2016-03-11 10:46 - g siviero

Actually this time the Pi 2 has become completely unresponsive and I'm afraid a hard reboot (unplug/re-plug) will be needed.

#4 - 2016-03-11 15:55 - Jaroslav Kysela

You may try to look which thread is busy with 'top -H -p <pid>'. The RSS should not increase during recording. Do you see the RSS changes only for one stream?

#5 - 2016-03-11 15:57 - Jaroslav Kysela

By the way, stressing latest TVH here with 6 streams (5 muxes) and the RSS is constant - about 72MB now.... 2 live streams, 4 DVR.

#6 - 2016-03-11 16:05 - g siviero

It looks like the values increase even with one stream (still 4.1-1659~g55db3a5):

```

top - 16:03:39 up 2:46, 1 user, load average: 1,19, 0,99, 0,49
Threads: 42 total, 0 running, 42 sleeping, 0 stopped, 0 zombie
%Cpu(s): 2,4 us, 10,8 sy, 0,0 ni, 71,5 id, 11,3 wa, 0,0 hi, 4,0 si, 0,0 st
KiB Mem: 948060 total, 386648 used, 561412 free, 27360 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 220288 cached Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
2943	hts	20	0	471588	94592	6156	D	16,4	10,0	0:40.59	tvh:dvr
2944	hts	20	0	471588	94592	6156	S	6,6	10,0	0:17.80	tvh:lnxdvb-fron
2931	hts	20	0	471588	94592	6156	S	5,9	10,0	0:15.98	tvh:mi-main
2940	hts	20	0	471588	94592	6156	S	1,0	10,0	0:02.52	tvh:tcp-start
2677	hts	20	0	471588	94592	6156	S	0,0	10,0	0:03.07	tvheadend

2678	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.07	tvh:log
2679	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.02	tvh:notify
2680	hts	35	15	471588	94592	6156	S	0,0	10,0	0:00.04	tvh:save
2681	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.04	tvheadend
2697	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.14	tvh:mtick
2698	hts	39	19	471588	94592	6156	S	0,0	10,0	0:03.68	tvh:tasklet
2699	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:fsmonitor
2700	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:imagecache
2701	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:httpc
2702	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:service
2703	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:iptv
2708	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.05	tvheadend
2709	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.08	tvh:hdhm-disc
2710	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:tshift-reap
2711	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:tcp-loop
2712	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.05	tvh:upnp
2713	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:svcmmap
2914	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:epggrabso
2915	hts	20	0	471588	94592	6156	S	0,0	10,0	0:02.11	tvh:epggrabi
2916	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:dvr-inotify
2917	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.08	tvh:satip-rtcp
2918	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:avahi
2919	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.83	tvh:mtimer
2920	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.15	tvh:tcp-start
2922	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.36	tvh:mi-table
2923	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.16	tvh:mi-main
2924	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.26	tvh:mi-table
2925	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.15	tvh:mi-main
2926	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:mi-table
2927	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:mi-main
2928	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.32	tvh:mi-table
2929	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.15	tvh:mi-main
2930	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.72	tvh:mi-table
2936	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.10	tvh:tcp-start
2938	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:tcp-start
2939	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.00	tvh:tcp-start
2941	hts	20	0	471588	94592	6156	S	0,0	10,0	0:00.03	tvh:tcp-start

#7 - 2016-03-11 16:19 - g siviero

With 4.1-1576~g52ed773 the values increase but at a much much slower rate.

After the same amount of time (approx 16 mins) the mem usage is just 2,6% and stable compared to the 10% and growing with 4.1-1659~g55db3a5.

```
top - 16:15:58 up 2:58, 1 user, load average: 0,31, 0,52, 0,57
Threads: 35 total, 2 running, 33 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0,3 us, 2,4 sy, 0,0 ni, 95,6 id, 1,0 wa, 0,0 hi, 0,7 si, 0,0 st
KiB Mem: 948060 total, 771216 used, 176844 free, 28040 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 676716 cached Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
3397	hts	20	0	359568	24232	6572	R	4,0	2,6	0:21.43	tvh:lnxdvb-fron
3390	hts	20	0	359568	24232	6572	R	2,0	2,6	0:11.40	tvh:dvr
3321	hts	20	0	359568	24232	6572	S	1,3	2,6	0:05.86	tvh:mi-main
3399	hts	20	0	359568	24232	6572	S	0,3	2,6	0:02.69	tvh:tcp-start
3096	hts	20	0	359568	24232	6572	S	0,0	2,6	0:06.38	tvheadend
3097	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:log
3098	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.03	tvh:notify
3099	hts	35	15	359568	24232	6572	S	0,0	2,6	0:00.38	tvh:save
3100	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.07	tvheadend
3259	hts	39	19	359568	24232	6572	S	0,0	2,6	0:00.03	tvh:tasklet
3260	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:fsmonitor
3265	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:imagecache
3266	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:httpc
3268	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:service
3310	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:mi-table
3311	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:mi-main
3312	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:iptv
3314	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.21	tvh:mi-table
3315	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:mi-main
3317	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.33	tvh:mi-table
3318	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:mi-main
3320	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.93	tvh:mi-table
3323	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.20	tvh:mi-table
3324	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.03	tvh:mi-main
3325	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.08	tvheadend
3326	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.10	tvh:hdhm-disc
3327	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:tshift-reap
3328	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:tcp-loop
3329	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.06	tvh:upnp
3330	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:svcmmap
3385	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:epggrabso

3386	hts	20	0	359568	24232	6572	S	0,0	2,6	0:02.00	tvh:epggrabi
3387	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:dvr-inotify
3388	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.11	tvh:satip-rtcp
3389	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.01	tvh:avahi

#8 - 2016-03-11 16:20 - g siviero

The running time is about 3 minutes by the way...

#9 - 2016-03-11 16:25 - g siviero

With 4.1-1576-g52ed773 the memory usage does not increase after it has stabilized.

```
top - 16:24:29 up 3:07, 1 user, load average: 0,42, 0,36, 0,46
Threads: 35 total, 0 running, 35 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0,6 us, 3,3 sy, 0,0 ni, 93,4 id, 1,1 wa, 0,0 hi, 1,5 si, 0,0 st
KiB Mem: 948060 total, 935864 used, 12196 free, 28072 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 840716 cached Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
3397	hts	20	0	359568	24232	6572	S	4,9	2,6	0:43.94	tvh:lnxdvb-fron
3390	hts	20	0	359568	24232	6572	S	3,0	2,6	0:23.00	tvh:dvr
3321	hts	20	0	359568	24232	6572	S	1,3	2,6	0:11.90	tvh:mi-main
3096	hts	20	0	359568	24232	6572	S	0,3	2,6	0:06.87	tvheadend
3399	hts	20	0	359568	24232	6572	S	0,3	2,6	0:04.98	tvh:tcp-start
3097	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:log
3098	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:notify
3099	hts	35	15	359568	24232	6572	S	0,0	2,6	0:00.38	tvh:save
3100	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.13	tvheadend
3259	hts	39	19	359568	24232	6572	S	0,0	2,6	0:00.07	tvh:tasklet
3260	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:fsmonitor
3265	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:imagecache
3266	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:httpc
3268	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:service
3310	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:mi-table
3311	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:mi-main
3312	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:iptv
3314	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.21	tvh:mi-table
3315	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:mi-main
3317	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.33	tvh:mi-table
3318	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.04	tvh:mi-main
3320	hts	20	0	359568	24232	6572	S	0,0	2,6	0:01.89	tvh:mi-table
3323	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.20	tvh:mi-table
3324	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.03	tvh:mi-main
3325	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.17	tvheadend
3326	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.21	tvh:hdhm-disc

3327	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:tshift-reap
3328	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:tcp-loop
3329	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.13	tvh:upnp
3330	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:svcmmap
3385	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:epggrabso
3386	hts	20	0	359568	24232	6572	S	0,0	2,6	0:02.00	tvh:epggrabib
3387	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.00	tvh:dvr-inotify
3388	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.24	tvh:satip-rtcp
3389	hts	20	0	359568	24232	6572	S	0,0	2,6	0:00.01	tvh:avahi

#10 - 2016-03-11 17:37 - Jaroslav Kysela

Which DVR profile do you use ? Matroska / passthrough ?

#11 - 2016-03-11 17:39 - Jaroslav Kysela

If you do live streaming, the memory increases, too?

#12 - 2016-03-11 17:49 - g siviero

I use TS passthrough (of mpeg2 SD channels usually).
 The recordings are made on a NFS share via ethernet.
 I rarely use live streaming (on android terminals), but I will try and see what happens in the next few days if needed.

#13 - 2016-03-11 17:52 - Jaroslav Kysela

Just copy the play URL to cmd line and use curl or wget to put the stream to /dev/null like:

```
wget -O /dev/null URL
```

My favourite :-)

#14 - 2016-03-12 11:15 - g siviero

With the streaming (using wget) the memory does not increase:

```
wget -O /dev/null http://192.168.1.22:9981/play/stream/channel/5c00f8ef0fef4d68d70cd983a326433f?title=WILD%20CANADA
--2016-03-12 11:12:11-- http://192.168.1.22:9981/play/stream/channel/5c00f8ef0fef4d68d70cd983a326433f?title=WILD%20CANADA
Connessione a 192.168.1.22:9981...connesso.
Richiesta HTTP inviata, in attesa di risposta... 200 OK
Lunghezza: non specificato [video/mp2t]
Salvataggio in: "/dev/null"
```

```
/dev/null [ <=> ] 38,66M 541KB/s
```

```
top - 11:13:45 up 21:56, 2 users, load average: 0,12, 0,25, 0,21
Threads: 42 total, 0 running, 42 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1,5 us, 2,7 sy, 0,0 ni, 94,8 id, 0,0 wa, 0,0 hi, 0,9 si, 0,0 st
KiB Mem: 948060 total, 930836 used, 17224 free, 21004 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 835740 cached Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
14372	hts	20	0	382080	22152	6612	S	7,0	2,3	0:06.76	tvh:tcp-start
14373	hts	20	0	382080	22152	6612	S	6,0	2,3	0:05.80	tvh:lnxdvb-fron
14332	hts	20	0	382080	22152	6612	S	4,0	2,3	0:03.89	tvh:mi-main
14367	hts	20	0	382080	22152	6612	S	2,0	2,3	0:00.21	tvh:tcp-start
14331	hts	20	0	382080	22152	6612	S	0,3	2,3	0:00.40	tvh:mi-table
14088	hts	20	0	382080	22152	6612	S	0,0	2,3	0:03.08	tvheadend
14089	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.03	tvh:log
14090	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.02	tvh:notify
14091	hts	35	15	382080	22152	6612	S	0,0	2,3	0:00.08	tvh:save
14092	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.04	tvheadend
14292	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.12	tvh:mtick
14293	hts	39	19	382080	22152	6612	S	0,0	2,3	0:03.49	tvh:tasklet

14294	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:fsmonitor
14295	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:imagecache
14296	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:httpc
14297	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:service
14298	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:iptv
14303	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.04	tvheadend
14304	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.05	tvh:hdhm-disc
14305	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:tshift-reap
14306	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:tcp-loop
14307	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.03	tvh:upnp
14308	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:svcmmap
14322	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:epggrabso
14323	hts	20	0	382080	22152	6612	S	0,0	2,3	0:02.00	tvh:epggrabi
14324	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:dvr-inotify
14325	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.06	tvh:satip-rtcp
14326	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:avahi
14327	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.64	tvh:mtimer
14328	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.02	tvh:tcp-start
14329	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.35	tvh:mi-table
14330	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.16	tvh:mi-main
14333	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:mi-table
14334	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:mi-main
14335	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.32	tvh:mi-table
14336	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.11	tvh:mi-main
14337	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.22	tvh:mi-table
14338	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.13	tvh:mi-main
14343	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.53	tvh:tcp-start
14344	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.28	tvh:tcp-start
14368	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.00	tvh:tcp-start
14369	hts	20	0	382080	22152	6612	S	0,0	2,3	0:00.22	tvh:tcp-start

#15 - 2016-03-12 11:40 - Jaroslav Kysela

Could you compile tvh with this change? (Just for test.) V2:

```
diff --git a/src/dvr/dvr_rec.c b/src/dvr/dvr_rec.c
index e5868cc..ecd466e 100644
--- a/src/dvr/dvr_rec.c
+++ b/src/dvr/dvr_rec.c
@@ -1280,7 +1280,8 @@ dvr_thread(void *aux)
     epg_running = 2;
     } else if (running_stop == 0) {
         if (start_time + 2 >= gclk()) {
-            TAILQ_INSERT_TAIL(&backlog, sm, sm_link);
+            streaming_msg_free(sm);
+            //TAILQ_INSERT_TAIL(&backlog, sm, sm_link);
             continue;
         } else {
             if (TAILQ_FIRST(&backlog))
```

#16 - 2016-03-12 11:42 - Jaroslav Kysela

Eventually, you may try to disable 'EPG running state' in the DVR config (I suppose that you have this flag checked).

#17 - 2016-03-12 11:46 - g siviero

No, it's already unchecked for all my DVR profiles.

#18 - 2016-03-12 13:07 - Jaroslav Kysela

The files are available for recordings with the adequate size ?

#19 - 2016-03-12 14:40 - g siviero

Sometimes I found in DVR "Finished recordings" some (corrupted) files with size about 400Kb instead of for example 1.7GB if that's what you meant. But in this particular out-of-memory case, from the tests I made, the files are correctly recorded up until when the program or system terminates/crashes.

But I can't rule out that with some particular sequence or combination of recording there would be other errors noticeable.

#20 - 2016-03-13 17:57 - Jaroslav Kysela

I put to the latest more debugging info about the memory allocations (v4.1-1671-g41b5def) . Could you look, if the packet counters increase when DVR is used ? It's in configuration / debugging / memory info tab..

#21 - 2016-03-14 10:17 - g siviero

Trying 4.1-1672-g3927788.

1st try:
2 recordings
recording 1 going ok
recording 2 KO (not recording correctly, 200b file)
memory not increasing, packets not increasing (all 0).

2nd try:
2 recordings
recording 1 going ok
recording 2 going ok
memory increasing, packets not increasing (all 0).

```
2016-03-14 10:06:17.586 subscription: 002B: "DVR: WILD ARABIA " subscribing on channel "Rai 5", weight: 300, a
dapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "546MHz", provider: "Rai", service: "Rai 5",
profile="pass"
2016-03-14 10:06:18.697 dvr: /mnt/tv/Record/Rai-5/WILD-ARABIA-.2016-03-14.09-54.ts from adapter: "DiBcom 7000P
C : DVB-T #0", network: "DVB-T Italy", mux: "546MHz", provider: "Rai", service: "Rai 5"
2016-03-14 10:06:18.697 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 10:06:18.697 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 10:06:18.697 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 10:06:18.697 dvr: 3 TELETEXT
2016-03-14 10:06:18.698 dvr: 4 TEXTSUB ita
2016-03-14 10:06:18.698 dvr: 5 TEXTSUB eng
Loglevel debug: enabled
2016-03-14 10:06:40.544 epgrab: EIT: DVB Grabber - data completion timeout for 594MHz in DVB-T Italy
2016-03-14 10:06:40.544 subscription: 0004: "epgrab" unsubscribing
2016-03-14 10:06:41.566 mpegts: 626MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:06:41.569 subscription: 002D: "epgrab" subscribing to mux "626MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:06:52.175 epgrab: EIT: DVB Grabber - data completion timeout for 506MHz in DVB-T Italy
2016-03-14 10:06:52.175 subscription: 000F: "epgrab" unsubscribing
2016-03-14 10:06:53.180 mpegts: 177.5MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:06:53.181 subscription: 002F: "epgrab" subscribing to mux "177.5MHz", weight: 4, adapter: "DiBc
om 7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:06:54.204 TS: DVB-T Italy/546MHz/Rai 5: MPEG2VIDEO @ #234 Continuity counter error (total 1)
2016-03-14 10:07:02.013 subscription: 0029: "epgrab" unsubscribing
2016-03-14 10:07:02.986 mpegts: 514MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:07:02.987 subscription: 0031: "epgrab" subscribing to mux "514MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:07:04.090 subscription: 002F: "epgrab" unsubscribing
2016-03-14 10:07:05.090 mpegts: 658MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:07:05.093 subscription: 0033: "epgrab" subscribing to mux "658MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:07:05.836 TS: DVB-T Italy/546MHz/Rai 5: MPEG2VIDEO @ #234 Continuity counter error (total 2)
2016-03-14 10:07:15.700 subscription: 0033: "epgrab" unsubscribing
2016-03-14 10:07:16.703 mpegts: 698MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:07:16.703 subscription: 0035: "epgrab" subscribing to mux "698MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:07:17.482 TS: DVB-T Italy/546MHz/Rai 5: MPEG2VIDEO @ #234 Continuity counter error (total 3)
2016-03-14 10:07:22.584 epgrab: EIT: DVB Grabber - data completion timeout for 546MHz in DVB-T Italy
2016-03-14 10:07:33.000 /usr/bin/tv_grab_file: grab /usr/bin/tv_grab_file
2016-03-14 10:07:33.022 spawn: Executing "/usr/bin/tv_grab_file"
2016-03-14 10:07:33.427 /usr/bin/tv_grab_file: grab took 0 seconds
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: parse took 2 seconds
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: channels tot= 24 new= 0 mod= 0
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: brands tot= 0 new= 0 mod= 0
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: seasons tot= 0 new= 0 mod= 0
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: episodes tot= 6244 new= 16 mod= 92
2016-03-14 10:07:35.109 /usr/bin/tv_grab_file: broadcasts tot= 6244 new= 17 mod= 58
2016-03-14 10:07:45.899 dvr: entry c0976a007d95c0117a4a42b2d235d52a "Oggy e i maledetti scarafaggi" on "frisbe
e" starting at 2016-03-14 09:40:30, scheduled for recording by "admin"
2016-03-14 10:07:45.900 dvr: "Oggy e i maledetti scarafaggi" on "frisbee" recorder starting
2016-03-14 10:07:45.901 mpegts: 690MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:07:45.903 subscription: 0035: "epgrab" unsubscribing
2016-03-14 10:07:45.904 subscription: 0038: "DVR: Oggy e i maledetti scarafaggi" subscribing on channel "frisb
ee", weight: 300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persi
dera", service: "frisbee", profile="pass"
2016-03-14 10:07:46.604 epgrab: EIT: DVB Grabber - data completion timeout for 626MHz in DVB-T Italy
2016-03-14 10:07:46.604 subscription: 002D: "epgrab" unsubscribing
2016-03-14 10:07:46.634 TS: DVB-T Italy/546MHz/Rai 5: MPEG2VIDEO @ #234 Continuity counter error (total 4)
2016-03-14 10:07:46.697 dvr: /mnt/tv/Record/frisbee/Oggy-e-i-maledetti-scarafaggi.2016-03-14.10-06.ts from ada
pter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persidera", service: "fris
bee"
```

```

2016-03-14 10:07:46.697 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 10:07:46.697 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 10:07:46.697 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 10:07:46.697 dvr: 3 TELETEXT
2016-03-14 10:07:46.697 dvr: 4 TEXTSUB ita
2016-03-14 10:07:46.864 pass-eit: -: invalid checksum (len 147, errors 1)
2016-03-14 10:07:46.865 eit: 690MHz in DVB-T Italy: invalid checksum (len 147, errors 1)
2016-03-14 10:07:47.031 pat: 690MHz in DVB-T Italy: invalid checksum (len 3215, errors 1)
2016-03-14 10:07:47.571 mpegts: 698MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:07:47.575 subscription: 0039: "epggrab" subscribing to mux "698MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:07:47.745 pass-pat: -: invalid checksum (len 2091, errors 1)
2016-03-14 10:07:57.411 pass-eit: -: invalid checksum (len 84, errors 14)
2016-03-14 10:07:57.411 eit: 690MHz in DVB-T Italy: invalid checksum (len 84, errors 14)
2016-03-14 10:07:58.732 pat: 690MHz in DVB-T Italy: invalid checksum (len 2275, errors 4)
2016-03-14 10:07:58.761 pass-pat: -: invalid checksum (len 2275, errors 3)
2016-03-14 10:08:07.129 pass-sdt: -: invalid checksum (len 3, errors 1)
2016-03-14 10:08:07.129 bat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 10:08:07.129 sdt: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 10:08:07.986 epggrab: EIT: DVB Grabber - data completion timeout for 514MHz in DVB-T Italy
2016-03-14 10:08:07.986 subscription: 0031: "epggrab" unsubscribing
2016-03-14 10:08:08.986 mpegts: 602MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:08:08.987 subscription: 003B: "epggrab" subscribing to mux "602MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:08:09.436 pass-eit: -: invalid checksum (len 3, errors 22)
2016-03-14 10:08:09.614 pass-pat: -: invalid checksum (len 43, errors 8)
2016-03-14 10:08:09.784 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 22)
2016-03-14 10:08:09.785 pat: 690MHz in DVB-T Italy: invalid checksum (len 43, errors 9)
2016-03-14 10:08:12.831 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 10:08:19.773 pass-eit: -: invalid checksum (len 3, errors 28)
2016-03-14 10:08:19.773 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 28)
2016-03-14 10:08:20.617 pat: 690MHz in DVB-T Italy: invalid checksum (len 1014, errors 12)
2016-03-14 10:08:20.622 pass-pat: -: invalid checksum (len 1014, errors 11)
2016-03-14 10:08:24.933 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 3)
2016-03-14 10:08:28.004 TS: DVB-T Italy/690MHz/frisbee Transport error indicator (total 1)
2016-03-14 10:08:30.181 pass-eit: -: invalid checksum (len 3, errors 31)
2016-03-14 10:08:30.181 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 31)
2016-03-14 10:08:30.817 pat: 690MHz in DVB-T Italy: invalid checksum (len 1283, errors 17)
2016-03-14 10:08:30.835 pass-pat: -: invalid checksum (len 1283, errors 15)
2016-03-14 10:08:40.584 pass-eit: -: invalid checksum (len 3, errors 39)
2016-03-14 10:08:40.584 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 39)
2016-03-14 10:08:43.714 pass-pat: -: invalid checksum (len 103, errors 19)
2016-03-14 10:08:43.775 pat: 690MHz in DVB-T Italy: invalid checksum (len 103, errors 21)
2016-03-14 10:08:44.230 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 4)
2016-03-14 10:08:50.186 TS: DVB-T Italy/690MHz/frisbee Transport error indicator (total 3)
2016-03-14 10:08:51.791 pass-eit: -: invalid checksum (len 3, errors 50)
2016-03-14 10:08:51.791 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 50)
2016-03-14 10:08:52.571 epggrab: EIT: DVB Grabber - data completion timeout for 698MHz in DVB-T Italy
2016-03-14 10:08:52.571 subscription: 0039: "epggrab" unsubscribing
2016-03-14 10:08:53.572 mpegts: 682MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:08:53.572 subscription: 003E: "epggrab" subscribing to mux "682MHz", weight: 4, adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", service: "Raw PID Subscription"
2016-03-14 10:08:54.553 TS: DVB-T Italy/690MHz/frisbee: MPEG2VIDEO @ #1457 Continuity counter error (total 1)
2016-03-14 10:09:00.213 pass-pat: -: invalid checksum (len 3, errors 25)
2016-03-14 10:09:00.213 pat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 27)
2016-03-14 10:09:02.864 pass-eit: -: invalid checksum (len 32, errors 57)
2016-03-14 10:09:02.865 eit: 690MHz in DVB-T Italy: invalid checksum (len 32, errors 57)
2016-03-14 10:09:04.161 subscription: 003E: "epggrab" unsubscribing
2016-03-14 10:09:08.032 cat: 690MHz in DVB-T Italy: invalid checksum (len 4, errors 8)
2016-03-14 10:09:11.527 pat: 690MHz in DVB-T Italy: invalid checksum (len 2171, errors 32)
2016-03-14 10:09:11.546 pass-pat: -: invalid checksum (len 2171, errors 30)
2016-03-14 10:09:12.885 pass-eit: -: invalid checksum (len 32, errors 68)
2016-03-14 10:09:12.885 eit: 690MHz in DVB-T Italy: invalid checksum (len 32, errors 68)
2016-03-14 10:09:13.986 epggrab: EIT: DVB Grabber - data completion timeout for 602MHz in DVB-T Italy
2016-03-14 10:09:13.986 subscription: 003B: "epggrab" unsubscribing
2016-03-14 10:09:21.500 subscription: 0038: "DVR: Oggy e i maledetti scarafaggi" unsubscribing from "frisbee"
2016-03-14 10:09:21.504 dvr: "Oggy e i maledetti scarafaggi" on "frisbee": End of program: Completed OK
2016-03-14 10:09:42.473 dvr: entry 4bac32fd157f9a2ef03633998426a9e0 "Oggy e i maledetti scarafaggi" on "frisbe
e" starting at 2016-03-14 09:40:30, scheduled for recording by "admin"
2016-03-14 10:09:42.473 dvr: "Oggy e i maledetti scarafaggi" on "frisbee" recorder starting
2016-03-14 10:09:42.474 mpegts: 690MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:09:42.474 subscription: 003F: "DVR: Oggy e i maledetti scarafaggi" subscribing on channel "frisb
ee", weight: 300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persi
dera", service: "frisbee", profile="pass"
2016-03-14 10:09:43.231 dvr: /mnt/tv/Record/frisbee/Oggy-e-i-maledetti-scarafaggi.2016-03-14.10-06-1.ts from a

```

```

dapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persidera", service: "frisbee"
2016-03-14 10:09:43.231 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 10:09:43.231 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 10:09:43.231 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 10:09:43.231 dvr: 3 TELETEXT
2016-03-14 10:09:43.231 dvr: 4 TEXTSUB ita
Loglevel debug: disabled
Loglevel debug: enabled
2016-03-14 10:10:22.608 subscription: 002B: "DVR: WILD ARABIA " unsubscribing from "Rai 5"
2016-03-14 10:10:22.643 dvr: "WILD ARABIA " on "Rai 5": End of program: Completed OK
2016-03-14 10:10:26.732 subscription: 003F: "DVR: Oggy e i maledetti scarafaggi" unsubscribing from "frisbee"
2016-03-14 10:10:26.737 dvr: "Oggy e i maledetti scarafaggi" on "frisbee": End of program: Completed OK
2016-03-14 10:10:36.907 dvr: entry 2738d4e3ef461b33ec542e6d47fe103d "WILD ARABIA " on "Rai 5" starting at 2016-03-14 09:29:19, scheduled for recording by "admin"
2016-03-14 10:10:36.911 dvr: "WILD ARABIA " on "Rai 5" recorder starting
2016-03-14 10:10:36.915 mpegts: 546MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:10:36.915 subscription: 0040: "DVR: WILD ARABIA " subscribing on channel "Rai 5", weight: 300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "546MHz", provider: "Rai", service: "Rai 5", profile="pass"
2016-03-14 10:10:37.910 dvr: /mnt/tv/Record/Rai-5/WILD-ARABIA-.2016-03-14.09-54-1.ts from adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "546MHz", provider: "Rai", service: "Rai 5"
2016-03-14 10:10:37.911 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 10:10:37.911 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 10:10:37.912 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 10:10:37.912 dvr: 3 TELETEXT
2016-03-14 10:10:37.912 dvr: 4 TEXTSUB ita
2016-03-14 10:10:37.912 dvr: 5 TEXTSUB eng
2016-03-14 10:10:44.239 dvr: entry d9b5d2f081bb5e3af5ead3acf32793b1 "Oggy e i maledetti scarafaggi" on "frisbee" starting at 2016-03-14 09:40:30, scheduled for recording by "admin"
2016-03-14 10:10:44.239 dvr: "Oggy e i maledetti scarafaggi" on "frisbee" recorder starting
2016-03-14 10:10:44.245 mpegts: 690MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 10:10:44.245 subscription: 0041: "DVR: Oggy e i maledetti scarafaggi" subscribing on channel "frisbee", weight: 300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persidera", service: "frisbee", profile="pass"
2016-03-14 10:10:45.028 dvr: /mnt/tv/Record/frisbee/Oggy-e-i-maledetti-scarafaggi.2016-03-14.10-06-2.ts from adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persidera", service: "frisbee"
2016-03-14 10:10:45.028 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 10:10:45.028 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 10:10:45.029 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 10:10:45.029 dvr: 3 TELETEXT

```

#22 - 2016-03-14 10:23 - Jaroslav Kysela

Packets will be zero for .TS , but the 'packet buffers' should change..

#23 - 2016-03-14 10:46 - g siviero

When I stop the recording, the memory usage decreases but does not return to the 2-2,5% value before the recordings were made.

```

top - 10:22:28 up 2 days, 21:05, 1 user, load average: 0,70, 1,95, 1,64
Threads: 41 total, 0 running, 41 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0,1 us, 0,2 sy, 0,0 ni, 99,7 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st
KiB Mem: 948060 total, 903188 used, 44872 free, 8156 buffers
KiB Swap: 102396 total, 4 used, 102392 free. 776604 cached Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
9983	hts	20	0	438016	54368	6620	S	0,0	5,7	0:02.89	tvheadend
9984	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.07	tvh:log
9985	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.06	tvh:notify
9986	hts	35	15	438016	54368	6620	S	0,0	5,7	0:00.09	tvh:save
9987	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.14	tvheadend
10191	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.46	tvh:mtick
10192	hts	39	19	438016	54368	6620	S	0,0	5,7	0:03.59	tvh:tasklet
10193	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:fsmonitor

10194	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:imagecache
10195	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:httpc
10196	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:service
10197	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:iptv
10203	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.16	tvheadend
10204	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.26	tvh:hdhm-disc
10205	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:tshift-reap
10206	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.05	tvh:tcp-loop
10207	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.08	tvh:upnp
10208	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:svcmapi
10224	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:epggrabso
10225	hts	20	0	438016	54368	6620	S	0,0	5,7	0:01.79	tvh:epggrabi
10226	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:dvr-inotify
10229	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.29	tvh:satip-rtcp
10230	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:avahi
10231	hts	20	0	438016	54368	6620	S	0,0	5,7	0:02.35	tvh:mtimer
10233	hts	20	0	438016	54368	6620	S	0,0	5,7	0:06.32	tvh:mi-table
10234	hts	20	0	438016	54368	6620	S	0,0	5,7	0:21.99	tvh:mi-main
10235	hts	20	0	438016	54368	6620	S	0,0	5,7	0:03.03	tvh:mi-table
10236	hts	20	0	438016	54368	6620	S	0,0	5,7	0:29.34	tvh:mi-main
10237	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:mi-table
10238	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.00	tvh:mi-main
10239	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.94	tvh:mi-table
10240	hts	20	0	438016	54368	6620	S	0,0	5,7	0:09.37	tvh:mi-main
10241	hts	20	0	438016	54368	6620	S	0,0	5,7	0:01.17	tvh:mi-table
10242	hts	20	0	438016	54368	6620	S	0,0	5,7	0:02.68	tvh:mi-main
10254	hts	20	0	438016	54368	6620	S	0,0	5,7	0:03.03	tvh:tcp-start
10435	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.05	tvh:tcp-start
10436	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.04	tvh:tcp-start
10437	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.59	tvh:tcp-start
10438	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.26	tvh:tcp-start
10440	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.06	tvh:tcp-start
10441	hts	20	0	438016	54368	6620	S	0,0	5,7	0:00.01	tvh:tcp-start

If I reboot the PI (initial situation):

```
top - 10:27:41 up 3 min, 1 user, load average: 0,07, 0,12, 0,05
Threads: 39 total, 0 running, 39 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0,1 us, 0,2 sy, 0,0 ni, 99,8 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st
KiB Mem: 948060 total, 133212 used, 814848 free, 16328 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 60832 cached Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
-----	------	----	----	------	-----	-----	---	------	------	-------	---------

403 hts	20	0	389684	21092	6216 S	0,0	2,2	0:03.07	tvheadend
404 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.03	tvh:log
410 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.04	tvh:notify
411 hts	35	15	389684	21092	6216 S	0,0	2,2	0:00.09	tvh:save
416 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.02	tvheadend
417 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.09	tvh:mtick
418 hts	39	19	389684	21092	6216 S	0,0	2,2	0:04.38	tvh:tasklet
419 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:fsmonitor
453 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:imagecache
454 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:httpc
460 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:service
469 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:iptv
478 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.03	tvheadend
479 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.06	tvh:hdhm-disc
480 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:tshift-reap
481 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.01	tvh:tcp-loop
482 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.01	tvh:upnp
483 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:svcmapi
650 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:epggrabso
651 hts	20	0	389684	21092	6216 S	0,0	2,2	0:01.69	tvh:epggrabi
652 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:dvr-inotify
653 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:avahi
654 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.46	tvh:mtimer
656 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.12	tvh:mi-table
657 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.02	tvh:mi-main
658 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:mi-table
659 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.00	tvh:mi-main
660 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.35	tvh:mi-table
661 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.04	tvh:mi-main
662 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.10	tvh:mi-table
663 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.03	tvh:mi-main
664 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.23	tvh:mi-table
665 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.04	tvh:mi-main
666 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.04	tvh:tcp-start
667 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.59	tvh:tcp-start
735 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.02	tvh:tcp-start
736 hts	20	0	389684	21092	6216 S	0,0	2,2	0:00.14	tvh:tcp-start

```

737 hts      20   0 389684 21092 6216 S 0,0 2,2 0:00.00 tvh:tcp-start
738 hts      20   0 389684 21092 6216 S 0,0 2,2 0:00.88 tvh:tcp-start

```

Now I'm still using 4.1-1672-g3927788 and recording 3 channels from 3 different muxes and memory is NOT increasing!
I didn't anything apart from a reboot.

```

top - 10:33:02 up 9 min, 1 user, load average: 1,47, 0,59, 0,24
Threads: 45 total, 0 running, 45 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1,1 us, 7,1 sy, 0,0 ni, 81,5 id, 6,5 wa, 0,0 hi, 3,9 si, 0,0 st
KiB Mem: 948060 total, 300132 used, 647928 free, 16464 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 221568 cached Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
757	hts	20	0	399120	22488	6600	S	5,0	2,4	0:04.01	tvh:dvr
755	hts	20	0	399120	22488	6600	S	4,0	2,4	0:07.67	tvh:lnxdvb-fron
758	hts	20	0	399120	22488	6600	S	3,6	2,4	0:02.90	tvh:lnxdvb-fron
753	hts	20	0	399120	22488	6600	S	3,3	2,4	0:06.41	tvh:lnxdvb-fron
752	hts	20	0	399120	22488	6600	S	2,3	2,4	0:04.30	tvh:dvr
754	hts	20	0	399120	22488	6600	S	2,0	2,4	0:03.03	tvh:dvr
738	hts	20	0	399120	22488	6600	S	1,0	2,4	0:01.84	tvh:tcp-start
656	hts	20	0	399120	22488	6600	S	0,7	2,4	0:00.47	tvh:mi-table
657	hts	20	0	399120	22488	6600	S	0,7	2,4	0:01.11	tvh:mi-main
660	hts	20	0	399120	22488	6600	S	0,7	2,4	0:00.72	tvh:mi-table
661	hts	20	0	399120	22488	6600	S	0,7	2,4	0:00.58	tvh:mi-main
654	hts	20	0	399120	22488	6600	S	0,3	2,4	0:00.83	tvh:mtimer
663	hts	20	0	399120	22488	6600	S	0,3	2,4	0:01.06	tvh:mi-main
403	hts	20	0	399120	22488	6600	S	0,0	2,4	0:03.09	tvheadend
404	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.04	tvh:log
410	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.05	tvh:notify
411	hts	35	15	399120	22488	6600	S	0,0	2,4	0:00.10	tvh:save
416	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.06	tvheadend
417	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.22	tvh:mtick
418	hts	39	19	399120	22488	6600	S	0,0	2,4	0:04.40	tvh:tasklet
419	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:fsmonitor
453	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:imagecache
454	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:httpc
460	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:service
469	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:iptv
478	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.08	tvheadend
479	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.12	tvh:hdhm-disc
480	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:tshift-reap
481	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.01	tvh:tcp-loop
482	hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.02	tvh:upnp

483 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:svcmmap
650 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:epggrabso
651 hts	20	0	399120	22488	6600	S	0,0	2,4	0:01.69	tvh:epggrabi
652 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:dvr-inotify
653 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:avahi
658 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:mi-table
659 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.00	tvh:mi-main
662 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.36	tvh:mi-table
664 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.23	tvh:mi-table
665 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.04	tvh:mi-main
666 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.20	tvh:tcp-start
735 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.19	tvh:tcp-start
737 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.11	tvh:tcp-start
749 hts	20	0	399120	22488	6600	S	0,0	2,4	0:00.66	tvh:tcp-start

Stopped the recordings, made other 3 and still no issue.
Even with 4 recordings...

```
top - 10:38:44 up 14 min, 1 user, load average: 1,32, 0,85, 0,45
Threads: 44 total, 0 running, 44 sleeping, 0 stopped, 0 zombie
%Cpu(s): 2,6 us, 9,5 sy, 0,0 ni, 69,2 id, 12,3 wa, 0,0 hi, 6,3 si, 0,0 st
KiB Mem: 948060 total, 683820 used, 264240 free, 16584 buffers
KiB Swap: 102396 total, 0 used, 102396 free. 602696 cached Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
800	hts	20	0	399212	22716	6600	S	5,3	2,4	0:07.48	tvh:dvr
886	hts	20	0	399212	22716	6600	S	4,6	2,4	0:00.89	tvh:dvr
807	hts	20	0	399212	22716	6600	S	4,3	2,4	0:05.58	tvh:lnxdvb-fron
801	hts	20	0	399212	22716	6600	S	4,0	2,4	0:05.57	tvh:lnxdvb-fron
804	hts	20	0	399212	22716	6600	S	4,0	2,4	0:05.42	tvh:lnxdvb-fron
887	hts	20	0	399212	22716	6600	S	4,0	2,4	0:00.69	tvh:lnxdvb-fron
806	hts	20	0	399212	22716	6600	S	2,3	2,4	0:03.29	tvh:dvr
661	hts	20	0	399212	22716	6600	S	1,3	2,4	0:03.17	tvh:mi-main
803	hts	20	0	399212	22716	6600	S	1,0	2,4	0:01.95	tvh:dvr
657	hts	20	0	399212	22716	6600	S	0,7	2,4	0:03.39	tvh:mi-main
662	hts	20	0	399212	22716	6600	S	0,7	2,4	0:00.82	tvh:mi-table
665	hts	20	0	399212	22716	6600	S	0,7	2,4	0:00.16	tvh:mi-main
738	hts	20	0	399212	22716	6600	S	0,7	2,4	0:04.05	tvh:tcp-start
416	hts	20	0	399212	22716	6600	S	0,3	2,4	0:00.11	tvheadend
417	hts	20	0	399212	22716	6600	S	0,3	2,4	0:00.38	tvh:mtick
654	hts	20	0	399212	22716	6600	S	0,3	2,4	0:01.49	tvh:mtimer
656	hts	20	0	399212	22716	6600	S	0,3	2,4	0:01.41	tvh:mi-table
660	hts	20	0	399212	22716	6600	S	0,3	2,4	0:01.57	tvh:mi-table

663	hts	20	0	399212	22716	6600	S	0,3	2,4	0:02.55	tvh:mi-main
403	hts	20	0	399212	22716	6600	S	0,0	2,4	0:03.11	tvheadend
404	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.05	tvh:log
410	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.08	tvh:notify
411	hts	35	15	399212	22716	6600	S	0,0	2,4	0:00.13	tvh:save
418	hts	39	19	399212	22716	6600	S	0,0	2,4	0:04.43	tvh:tasklet
419	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:fsmonitor
453	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:imagecache
454	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:httpc
460	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:service
469	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:iptv
478	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.13	tvheadend
479	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.20	tvh:hdhm-disc
480	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:tshift-reap
481	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.01	tvh:tcp-loop
482	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.03	tvh:upnp
483	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:svcmmap
650	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:epggrabso
651	hts	20	0	399212	22716	6600	S	0,0	2,4	0:01.69	tvh:epggrabi
652	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:dvr-inotify
653	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:avahi
658	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:mi-table
659	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.00	tvh:mi-main
664	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.36	tvh:mi-table
737	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.11	tvh:tcp-start
756	hts	20	0	399212	22716	6600	S	0,0	2,4	0:00.86	tvh:tcp-start

What can I say, the issue has disappeared.

I'm quite sure I rebooted also with the previous installs and tests, so I can't say why it is now working.

Any idea? Is some setting reset after a reboot?

Is there anything I could keep monitoring to understand if the issue may be coming up again?

#24 - 2016-03-14 10:54 - g siviero

- File Screenshot from 2016-03-14 10_50_59.png added

- File Screenshot from 2016-03-14 10_54_28.png added

Recording 3 channels.

I have these values in the configuration/Debugging/Memory info entries.

#25 - 2016-03-14 11:04 - g siviero

The memory issue reappeared after a while. sad.png

Please wait...

#26 - 2016-03-14 11:37 - g siviero

I tried again and again but I cannot reproduce the memory issue.

A (new?) problem now presents intermittently (cannot reproduce always): adding a recording while others are running results in a 0 size file or

corrupted file.

In the following log the subscription: 0051 creates an invalid file.

If I leave the recording running or stop it manually I will find it in the "finished recording", not in failed, even if the file created is corrupted.

```
2016-03-14 11:29:10.051 dvr: entry 36aeb8523ce8730ebf938d300f93ee97 "NEWS DEL MATTINO" on "TGCOM24" starting at
2016-03-14 08:19:30, scheduled for recording by "admin"
2016-03-14 11:29:10.051 dvr: "NEWS DEL MATTINO" on "TGCOM24" recorder starting
2016-03-14 11:29:10.054 mpegts: 698MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 11:29:10.054 subscription: 004F: "DVR: NEWS DEL MATTINO" subscribing on channel "TGCOM24", weight:
300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "698MHz", provider: "Mediaset", service
: "TGCOM24", profile="pass"
2016-03-14 11:29:10.507 TS: DVB-T Italy/658MHz/cielo: MPEG2VIDEO @ #166 Continuity counter error (total 1)
2016-03-14 11:29:10.636 dvr: /mnt/tv/Record/TGCOM24/NEWS-DEL-MATTINO.2016-03-14.08-45-1.ts from adapter: "DiBc
om 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "698MHz", provider: "Mediaset", service: "TGCOM24"
2016-03-14 11:29:10.636 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 11:29:10.636 dvr: 1 TELETEXT
2016-03-14 11:29:10.636 dvr: 2 MPEG2VIDEO ? ?
2016-03-14 11:29:10.636 dvr: 3 MPEG2AUDIO ita ? ?
2016-03-14 11:30:15.053 epggrab: EIT: DVB Grabber - data completion timeout for 698MHz in DVB-T Italy
2016-03-14 11:30:30.747 subscription: 004E: "DVR: Oggy e i maledetti scarafaggi" unsubscribing from "frisbee"
2016-03-14 11:30:30.749 dvr: "Oggy e i maledetti scarafaggi" on "frisbee": End of program: Completed OK
2016-03-14 11:30:36.252 subscription: 004D: "DVR: L'aria che tira" unsubscribing from "LA7"
2016-03-14 11:30:36.256 dvr: "L'aria che tira" on "LA7": End of program: Completed OK
2016-03-14 11:30:48.333 dvr: entry f21b1b37577d588aa31201c2cebfa928 "H2O [St.1] Ep. 9" on "Super!" starting at
2016-03-14 10:44:30, scheduled for recording by "admin"
2016-03-14 11:30:48.334 dvr: "H2O [St.1] Ep. 9" on "Super!" recorder starting
2016-03-14 11:30:48.335 mpegts: 682MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 11:30:48.336 subscription: 0050: "DVR: H2O [St.1] Ep. 9" subscribing on channel "Super!", weight: 3
00, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "682MHz", provider: "Persidera", service
: "Super!", profile="pass"
2016-03-14 11:30:49.108 dvr: /mnt/tv/Record/Super!/H2O-[St.1]-Ep.-9.2016-03-14.11-10.ts from adapter: "DiBcom
7000PC : DVB-T #0", network: "DVB-T Italy", mux: "682MHz", provider: "Persidera", service: "Super!"
2016-03-14 11:30:49.108 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 11:30:49.108 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 11:30:49.108 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 11:30:59.006 dvr: entry 9b573760ae2447delc1700b1aeae4dd "Oggy e i maledetti scarafaggi" on "frisbe
e" starting at 2016-03-14 10:54:30, scheduled for recording by "admin"
2016-03-14 11:30:59.006 dvr: "Oggy e i maledetti scarafaggi" on "frisbee" recorder starting
2016-03-14 11:30:59.007 mpegts: 690MHz in DVB-T Italy - tuning on DiBcom 7000PC : DVB-T #0
2016-03-14 11:30:59.007 subscription: 0051: "DVR: Oggy e i maledetti scarafaggi" subscribing on channel "frisb
ee", weight: 300, adapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persi
dera", service: "frisbee", profile="pass"
2016-03-14 11:30:59.794 TS: DVB-T Italy/682MHz/Super!: MPEG2VIDEO @ #556 Continuity counter error (total 1)
2016-03-14 11:31:00.097 dvr: /mnt/tv/Record/frisbee/Oggy-e-i-maledetti-scarafaggi.2016-03-14.11-20-1.ts from a
dapter: "DiBcom 7000PC : DVB-T #0", network: "DVB-T Italy", mux: "690MHz", provider: "Persidera", service: "fr
isbee"
2016-03-14 11:31:00.097 dvr: # type lang resolution aspect ratio sample rate channels
2016-03-14 11:31:00.097 dvr: 1 MPEG2VIDEO ? ?
2016-03-14 11:31:00.097 dvr: 2 MPEG2AUDIO ita ? ?
2016-03-14 11:31:00.097 dvr: 3 TELETEXT
2016-03-14 11:31:00.097 dvr: 4 TEXTSUB ita
2016-03-14 11:31:01.100 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 11:31:01.182 pass-eit: -: invalid checksum (len 3, errors 1)
2016-03-14 11:31:02.773 pat: 690MHz in DVB-T Italy: invalid checksum (len 103, errors 1)
2016-03-14 11:31:03.089 pass-pat: -: invalid checksum (len 103, errors 1)
2016-03-14 11:31:11.098 eit: 690MHz in DVB-T Italy: invalid checksum (len 32, errors 10)
2016-03-14 11:31:11.173 TS: DVB-T Italy/690MHz/frisbee Transport error indicator (total 1)
2016-03-14 11:31:11.866 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 11:31:12.118 pass-eit: -: invalid checksum (len 3, errors 11)
2016-03-14 11:31:14.314 pat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 9)
2016-03-14 11:31:14.464 pass-pat: -: invalid checksum (len 3, errors 10)
2016-03-14 11:31:20.130 pass-sdt: -: invalid checksum (len 3, errors 1)
2016-03-14 11:31:20.130 bat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 11:31:20.130 sdt: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 1)
2016-03-14 11:31:21.181 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 22)
2016-03-14 11:31:22.811 pass-eit: -: invalid checksum (len 32, errors 24)
2016-03-14 11:31:24.121 pmt: 690MHz in DVB-T Italy: invalid checksum (len 5, errors 1)
2016-03-14 11:31:24.863 pat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 17)
2016-03-14 11:31:25.187 pass-pat: -: invalid checksum (len 3, errors 16)
2016-03-14 11:31:26.248 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 2)
2016-03-14 11:31:31.545 eit: 690MHz in DVB-T Italy: invalid checksum (len 32, errors 39)
2016-03-14 11:31:32.713 TS: DVB-T Italy/690MHz/frisbee Transport error indicator (total 3)
2016-03-14 11:31:33.101 pass-eit: -: invalid checksum (len 32, errors 42)
2016-03-14 11:31:34.845 pat: 690MHz in DVB-T Italy: invalid checksum (len 24, errors 23)
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2016-03-14 11:31:36.246 cat: 690MHz in DVB-T Italy: invalid checksum (len 4, errors 3)
2016-03-14 11:31:37.194 bat: 690MHz in DVB-T Italy: invalid checksum (len 43, errors 2)
2016-03-14 11:31:37.194 sdt: 690MHz in DVB-T Italy: invalid checksum (len 43, errors 2)
2016-03-14 11:31:37.406 pass-sdt: -: invalid checksum (len 43, errors 2)
2016-03-14 11:31:38.040 pass-pat: -: invalid checksum (len 3, errors 20)
2016-03-14 11:31:42.643 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 62)
2016-03-14 11:31:43.722 pass-eit: -: invalid checksum (len 3, errors 64)
2016-03-14 11:31:48.284 cat: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 7)
2016-03-14 11:31:49.891 pat: 690MHz in DVB-T Italy: invalid checksum (len 2171, errors 29)
2016-03-14 11:31:50.424 pass-pat: -: invalid checksum (len 1014, errors 24)
2016-03-14 11:31:53.128 eit: 690MHz in DVB-T Italy: invalid checksum (len 3, errors 76)
2016-03-14 11:31:54.429 pass-eit: -: invalid checksum (len 3, errors 77)
2016-03-14 11:32:00.679 pat: 690MHz in DVB-T Italy: invalid checksum (len 1
```

#27 - 2016-03-18 21:43 - Jaroslav Kysela

- Status changed from New to Fixed

This is fixed in latest master.

#28 - 2016-03-29 22:30 - M W

- File crash.txt added

Hi,

today I got a quite similar Crash as posted above. It was the "out of ram" error. No EPG running state or timeshift is set. The cache scheme is on "do not keep".

I am using the HTS Tvheadend 4.1-1710, which is later than this fix was dated.

The program runs on a raspberry pi with 512mb ram and there where two recordings running on the same mux during the crash.

Thanks for the nice work.

Moe

Files

Screenshot from 2016-03-14 10_50_59.png	103 KB	2016-03-14	g siviero
Screenshot from 2016-03-14 10_54_28.png	103 KB	2016-03-14	g siviero
crash.txt	11.4 KB	2016-03-29	M W