

## Tvheadend - Feature #869

### Customisable genre support

2012-02-07 00:51 - Joshua Welch

<b>Status:</b>	Accepted	<b>Start date:</b>	2012-02-07
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Adam Sutton	<b>% Done:</b>	0%
<b>Category:</b>	EPG	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

#### Description

This was posted in the forums:

```
epg.c
--
uint8_t
epg_content_group_find_by_name(const char *name) {
if (!strcmp(name,"Drama") || !strcmp(name,"Film") || !strcmp(name,"Movie") || !strcmp(name,"Comedy
drama") || !strcmp(name,"Sitcom") || !strcmp(name,"Comedy")){
return 1;
}
else if (!strcmp(name,"News") || !strcmp(name,"Current affairs") || !strcmp(name,"News and current
affairs")){
return 2;
}
else if (!strcmp(name,"Game show") || !strcmp(name,"Talk show") ){
return 3;
}
else if (!strcmp(name,"Sport")){
return 4;
}
else if (!strcmp(name,"Children") || !strcmp(name,"Animation")){
return 5;
}
else if (!strcmp(name,"Music") || !strcmp(name,"Music and Arts") ){
return 6;
}
else if (!strcmp(name,"Arts and culture")){
return 7;
}
else if (!strcmp(name,"Discussion/Debate") || !strcmp(name,"Reality") || !strcmp(name,"Soap") ){
return 8;
}
else if (!strcmp(name,"Education") || !strcmp(name,"Sci-fi") || !strcmp(name,"Drama documentary")
|| !strcmp(name,"Documentary") || !strcmp(name,"Factual") || !strcmp(name,"Science") || !strcmp(na
me,"Religion") ){
return 9;
}
else if (!strcmp(name,"Gardening") || !strcmp(name,"Transport") || !strcmp(name,"Cookery") || !str
cmp(name,"Nature") || !strcmp(name,"Health") || !strcmp(name,"Home and property") || !strcmp(name,
"Travel") || !strcmp(name,"Consumer") || !strcmp(name,"Motoring") || !strcmp(name,"Food") ){
return 10;
}
else if (!strcmp(name,"Special characteristics") || !strcmp(name,"Interests")){
return 11;
}
else{
return 0;
}
}
```

But having the ability to configure it as a category would be better.

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## History

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### #1 - 2012-07-29 22:08 - Adam Sutton

- Tracker changed from Bug to Feature
- Subject changed from *epg data doesn't match xmltv -- make editable to Customisable genre support*
- Category changed from 7 to EPG

Adding new title, I think the old one was misleading, it suggested general ability to edit EPG data which will not be possible.

However the details are more about customisable genre support, which I've already discussed with Josh.

Adam

### #2 - 2012-08-09 00:20 - Adam Sutton

- Assignee changed from *Hein Rigolo* to Adam Sutton
- Target version deleted (3.0)

### #3 - 2012-08-09 01:35 - Joshua Welch

- File *epg.c* added

My implimentation that I know works flawlessly with schedules direct. It is not dynamic but a starting point I think for logic, or maybe a patch for now. This doesn't break any current systems. (because 0x?0 is what is used as it is)

```
/**
 * EPG content group
 *
 * Based on the content types defined in EN 300 468
 */
static const char *groupnames[16] = {
    [1] = "Movie / Drama",
    [2] = "News / Current affairs",
    [3] = "Show / Games",
    [4] = "Sports",
    [5] = "Children's / Youth",
    [6] = "Music",
    [7] = "Art / Culture",
    [8] = "Social / Political issues / Economics",
    [9] = "Education / Science / Factual topics",
    [10] = "Leisure hobbies",
    [11] = "Special characteristics",
};

static const char *groupdefinition[0xFF] = {
    /* 0x1Y are Movie/Drama */
    [0x10] = "Movie / Drama",
    [0x11] = "Detective / Thriller",
    [0x12] = "Adventure / Western / War",
    [0x13] = "science fiction/fantasy/horror",
    [0x14] = "comedy",
    [0x15] = "soap/melodrama/folkloric",
    [0x16] = "romance",
    [0x17] = "serious/classical/religious/historical movie/drama",
    [0x18] = "Drama",
    [0x19] = "film",
    [0x1A] = "movie",
    [0x1B] = "comedy drama",
    [0x1C] = "sitcom",
    [0x1D] = "entertainment",
    /* 0x2Y: News / Current Affairs */
    [0x20] = "News / Current Affairs",
    [0x21] = "news/weather report",
    [0x22] = "news magazine",
    [0x23] = "documentary",
    [0x24] = "discussion/interview/debate",
    [0x25] = "news",
    [0x26] = "current Affairs",
    [0x27] = "news and current affairs",
    /*0x3Y: Show/Game show */
```

```

[0x30] = "show/game show",
[0x31] = "game show/quiz/contest",
[0x32] = "variety show",
[0x33] = "talk show",
[0x34] = "game Show",
/*0x4Y: Sports */
[0x40] = "sports",
[0x41] = "special events",
[0x42] = "sports magazines",
[0x43] = "football/soccer",
[0x44] = "tennis/squash",
[0x45] = "team sports",
[0x46] = "athletics",
[0x47] = "motor sport",
[0x48] = "water sport",
[0x49] = "winter sports",
[0x4A] = "equestrian",
[0x4B] = "martial sports",
[0x4C] = "Sport",
/*0x5Y: Children's/Youth programmes */
[0x50] = "children's/youth programmes",
[0x51] = "pre-school children's programmes",
[0x52] = "entertainment programmes for 6 to 14",
[0x53] = "entertainment programmes for 10 to 16",
[0x54] = "informational/educational/school programmes",
[0x55] = "cartoons/puppets",
[0x56] = "children",
[0x57] = "animation",
/*0x6Y: Music/Ballet/Dance */
[0x60] = "music/ballet/dance",
[0x61] = "rock/pop ",
[0x62] = "serious music/classical music",
[0x63] = "folk/traditional music",
[0x64] = "jazz",
[0x65] = "musical/opera",
[0x66] = "ballet",
[0x67] = "music",
[0x68] = "music and arts",
/*0x7Y: Arts/Culture */
[0x70] = "arts/culture",
[0x71] = "performing arts",
[0x72] = "fine arts",
[0x73] = "religion",
[0x74] = "popular culture/traditional arts",
[0x75] = "literature",
[0x76] = "film/cinema",
[0x77] = "experimental film/video",
[0x78] = "broadcasting/press",
[0x79] = "new media",
[0x7A] = "arts/culture magazines",
[0x7B] = "fashion",
[0x7C] = "arts and culture",
/*0x8Y: Social/Political issues/Economics */
[0x80] = "social/political issues/economics",
[0x81] = "magazines/reports/documentary",
[0x82] = "economics/social advisory",
[0x83] = "remarkable people",
[0x84] = "Discussion/Debate",
[0x85] = "Reality",
[0x86] = "Soap",
/*0x8Y: Education/ Science/Factual topics */
[0x90] = "education/science/factual topics",
[0x91] = "nature/animals/environment",
[0x92] = "technology/natural sciences",
[0x93] = "medicine/physiology/psychology",
[0x94] = "foreign countries/expeditions",
[0x95] = "social/spiritual sciences",
[0x96] = "further education",
[0x97] = "languages",
[0x98] = "Education",
[0x99] = "sci-fi",
[0x9A] = "drama documentary",
[0x9B] = "documentary",
[0x9C] = "factual",
[0x9D] = "science",

```

```

[0x9E] = "religion",
/*0xA0: Leisure hobbies */
[0xA0] = "leisure hobbies",
[0xA1] = "tourism/travel",
[0xA2] = "handicraft",
[0xA3] = "motoring",
[0xA4] = "fitness & health",
[0xA5] = "cooking",
[0xA6] = "advertisement/shopping",
[0xA8] = "gardening",
[0xA9] = "transport",
[0xAA] = "cookery",
[0xAB] = "nature",
[0xAC] = "health",
[0xAD] = "home and property",
[0xAE] = "travel",
[0xAF] = "FOOD",
/*0xB0: Special Characteristics */
[0xB0] = "original language",
[0xB1] = "black & white",
[0xB2] = "unpublished",
[0xB3] = "live broadcast",
[0xB4] = "special characteristics",
[0xB5] = "interests",
};

/**
 *
 */
const char *
epg_content_group_get_name(uint8_t id)
{
    return id < 16 ? groupnames[id] : NULL;
}

/**
 *
 */
uint8_t
epg_content_group_find_by_name(const char *name)
{
    unsigned int i;
    for(i = 0; i < 0xFF; i++) {
        if(groupdefinition[i] != NULL && !strcasecmp(name, groupdefinition[i])){
            int b = (i >> 4) & 0xF;
            return b;
        }
    }
    return 0;
}

/**
 *
 */

```

Attached my copy. but I believe what I sent you was all the changes.

#### #4 - 2012-08-09 10:49 - Adam Sutton

- Status changed from New to Accepted

Unfortunately your code is no longer compatible with the new EPG code, which has been significantly reworked (i.e. total re-write).

However we've discussed this before so I'm aware it needs to happen, but I think it needs to be done properly with as much flexibility as I can managed. I made some mods with this in mind, but its still currently fixed to EIT basic definitions with fixed parsing.

Adam

#### Files

File Name	Size	Date	Author
epg.c	22.8 KB	2012-08-08	Joshua Welch