Audacious - Bug #823

Audtool doesn't output UTF-8 on Windows

August 25, 2018 03:10 - Domen Mori

Status: Closed
Priority: Minor
Assignee: audtool
Category: audtool
Target version: 3.10.1
Affects version: 3.10, 3.10.1, 3.7.3, 3.9.1

Start date: August 25, 2018
Due date: 
% Done: 100%
Estimated time: 1.00 hour

Description

This can be observed when output contains special characters. For example:

$ audtool current-song
▒ank Rock - Nekaj Ve? - Ni Sre?e Brez Rock N Rolla

I found a simple fix, based on: https://stackoverflow.com/questions/43927373/force-utf-8-encoding-in-glibs-g-print
Tried adding into audtool/main.c:

```c
#ifdef WIN32
void g_print_no_convert(const gchar *buf)
{
    fputs(buf, stdout);
}
#endif
```

And inside main function:

```c
#ifdef WIN32
    g_set_print_handler(g_print_no_convert);
#endif
```

After compiling with this fix, it works correctly:

$ audtool current-song
Šank Rock - Nekaj Več - Ni Sreče Brez Rock N Rolla

I could submit a pull request, but as I am not very experienced in this type of programs and libraries, I am not sure if this will have negative implications on other parts of the program.

History

#1 - October 16, 2018 05:46 - John Lindgren
- % Done changed from 0 to 100
- Status changed from New to Closed

That didn't quite work for me (at least not when using the real Windows console in a US English locale).
This worked:
https://github.com/audacious-media-player/audacious/commit/dec82a8d6a23fec13cd92e9761ad63bbe719eb25

I think it should be a complete fix, but please let me know if you still have trouble.