Audacious - Bug #823

Audtool doesn't output UTF-8 on Windows

August 25, 2018 03:10 - Domen Mori

Status:	Closed	**Start date:**	August 25, 2018
Priority:	Minor	**Due date:**	
Assignee:		**% Done:**	100%
Category:	audtool	**Estimated time:**	1.00 hour
Target version:	3.10.1		
Affects version:	3.10, 3.10.1, 3.7.3, 3.9.1		

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:

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

And inside main function:

```
#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.