batctl - Bug #167

batctl outputs errors to stdout

12/01/2012 06:43 AM - M W

Status:	Closed		**Start date:**	12/01/2012
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	2013.0.0			

Description
Calls of batctl like "batctl if foo" output error messages to stdout instead of stderr. This is important for scrips so that errors messages can be filtered out. In short; "batctl if foo 2> /dev/null" doesn't work. :)

History

#1 - 12/01/2012 06:45 AM - M W

Another but very minor thing. "batctl -h" should exit with status code 0, not 1.

#2 - 12/01/2012 04:14 PM - Marek Lindner

Hey, how about you provide a patch for these "minor things" ? If you need an idea how to do the stderr thingy take a look at the batctl td code. There, I already made similar changes.

#3 - 12/02/2012 12:37 PM - M W

I can pick that lower hanging fruit and make a patch.
But I niticed that that there are a lot of printf("Error [...]")
calls in other places than main.c. Is it ok to fix
them in one go?

#4 - 12/02/2012 05:40 PM - Antonio Quartulli

well, if all the changes can be grouped under the subject "print errors to stderr", I think it is doable.

#5 - 12/04/2012 03:09 AM - M W

- File errors_to_stderr.patch added

I have made a preliminary patch - see attachment.

At the moment the usage information is printed
in cases of an error (atm. to stdout still).

So the question arises if the usage should be redirected
to stderr as well in case it is displayed because of an error.
Or we remove the usage display and only display it when -h
is used. Imo, this approach would make the error output less cluttered.

#6 - 12/04/2012 09:01 AM - Marek Lindner

The patch looks pretty good!

IMHO, you can always direct the usage to stderr. If somebody calls the help on purpose he won't redirect the error output to /dev/null ?

Personally, I like having the help displayed in case of an error. Most people don't know how to continue if something does not work as expected.

#7 - 12/04/2012 12:22 PM - M W

- File errors_to_stderr.patch added

Here is the complete patch.
If it looks alright I can send it to the mailing list.
Is there a specific patch format required?

#8 - 12/04/2012 05:09 PM - Marek Lindner

Feel free to send it to the list. For the format please check the "submitting patches" section here: **Contribute**

#9 - 09/01/2013 12:20 AM - Antonio Quartulli

fixed in batctl 2013.0.0

#10 - 09/06/2013 08:02 PM - Marek Lindner

- Status changed from New to Closed

#11 - 02/11/2017 01:00 AM - Sven Eckelmann

- Target version set to 2013.0.0

Files

errors_to_stderr.patch	19.4 KB	12/04/2012	M W
errors_to_stderr.patch	36.2 KB	12/04/2012	M W