

MarlinFirmware / Marlin Public

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# [QUESTION] Responses in Serial communication #15422

Closed

 MarkMan0 opened this issue on Sep 29, 2019 · 3 comments

Labels

T: Question

MarkMan0 commented on Sep 29, 2019 Contributor

I'm in the process of writing a program, which will communicate with Marlin from my PC, monitor the status, checksums etc.

I would like to know, what kind of messages can I expect from the printer. What I've got for now are:

1. ok - indicates that I can send the next command

2. echo:.... - regular message, nothing to do with it

3. temp reports - M155, ...

4. position reports - G28, ....

5. Errors

6. Resend requests - when checksum fails

Is there anything else? Not talking about user commands wih **M118**.

Can Marlin send, for example: `//message` by itself?

If this is not yet documented anywhere, I would gladly do it...

On a side note, I'm using and Ender 3 motherboard, and it sometimes send some characters twice, like:

`T:-15.00 /0.00 B:-15.00 /0.00 @:0 B@:0 ----` Two colons

`T:-15..00 /0.000 B:-15.00 /0.00 @:0 B@:0 ----` Two decimal points

Is this a known bug, or should I lower my baudrate(115200)?

boelle added the T: Question label on Sep 29, 2019

thinkyhead commented on Sep 30, 2019 Member

For a master course on how to parse Marlin messages you should look at the source code of OctoPrint. It handles those that come with `echo:` or `//action:` on the front, parses the output of all the native commands, plus plugins are able to parse the output of `M420 V` and more.

boelle commented on Oct 24, 2019 Contributor


please ask here instead

RepRap.org [Marlin Forum](#)  
[Tom's 3D Forums](#)  
Facebook Group "[Marlin Firmware](#)"  
Facebook Group "[Marlin Firmware for 3D Printers](#)"  
[Marlin Configuration](#) on YouTube  
Marlin Discord server. Join link: <https://discord.gg/n5NJ59y>  
After seeking help from the community, if the consensus points to to a bug in Marlin, then you should post a [bug report](#).  
  
this list is for bugs only (and FR's)

 **boelle** closed this as completed on Oct 24, 2019

github-actions  commented on Jul 4, 2020

This issue has been automatically locked since there has not been any recent activity after it was closed. Please open a new issue for related bugs.

 github-actions  locked and limited conversation to collaborators on Jul 4, 2020

Assignees

No one assigned

Labels

T: Question

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

3 participants

