

M149 Set temperature units

Feature Name: M149 set temperature units

Feature Name in Annotation: Temperature_Units_Support

Source of Information

Releaselog, pull requests, commits, ifdefs with feature annotation name

Strategy Used:

Feature is identified from the latest release log first. The release log also provides the pull request and commits linked to the feature (see the links and tables below), Ifdefs are also used for speeding up feature location.

Feature Release Version: 1.1.0 - RC7

Time took to Identify and Locate the feature: 0.3 hour

Time took to Understand the Implementation: 1 hour

Feature Description:

This feature sets the temperature units. There are two flags. C flag would treat the temperature as degrees Celcius. F flag would treat temperature as Kelvin. If command M149 K is given to the printer, units will become Kelvin in the printer. RepRap default is Celcius.

Feature Information and Statistics:

PR No.	Merged Time	PR	Commits	Files	Line Added	Line deleted
#3985	9 Jun 2016	Support inches, fahrenheit and kelvin	1	23	531	181

Ratios of sources (%)

RL	PR	CM	Ifdef	DK	CC	SC	GD
50	15	5	30	0	0	0	0

RL: Release Log; **PR:** Pull Request; **CM:** Commit, **Ifdef:** Ifdef Expression; **DK:** Domain Knowledge; **CC:** Code Comment; **SC:** Source Code; **GD:** G-Code Documentation.

Pull Request Links:

<https://github.com/MarlinFirmware/Marlin/pull/3985>

Feature Characteristics:

Feature Name	LoFC	SD	TD	Completely Wrapped by ifdef
M149 set temperature units	39	3	0	Yes

Feature's relevant historical data

Related pullrequests:

<https://github.com/MarlinFirmware/Marlin/pull/3934> (31 May 2016)