

Allow distinct factors for multiple extruders

Feature Name: Allow distinct factors for multiple extruders

Feature Name in Annotation: DISTINCT_E_FACTORS

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 – RC8

Time took to Identify and Locate the feature: 0.2 hours

Time took to Understand the Implementation: 0.7 hours

Feature Description:

Each E stepper can have different steps/mm, acceleration, max feedrate

Feature Information and Statistics:

PR No.	Merged Time	PR	Commits	Files	Line Added	Line deleted
#5371	5 Dec 2016	Allow distinct factors for multiple extruders	3	29	495	131

Pull Request Links:

<https://github.com/MarlinFirmware/Marlin/pull/5371/files>

Feature Characteristics:

Feature Name	LoFC	SD	TD	Completely Wrapped by ifdef
Allow distinct factors for multiple extruders	164	22	0	Yes

Ratios of sources (%)

RL	PR	CM	Ifdef	DK	CC	SC	GD
50	20	15	15	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.

Feature's relevant historical data

Related Pull Request:

RP: #4849 **Add steps_per_unit for multiple extruders**

<https://github.com/MarlinFirmware/Marlin/pull/4849>