

# WatchDog

**Feature Name:** WatchDog

**Feature Name in Annotation:** WatchDog

## Source of Information

Code comment, Source Code, ifdefs

## Strategy Used:

Then we started from the largest and most central logic file MarlinMain.cpp to learn about the source code, and we found WatchDog feature codes surrounded with ifdefs. All found source codes are annotated, and other files are also browsed to find the rest of the feature.

**Feature Description:** This feature is optional for Marlin. This is some kind of safety measure.

**Time spent:** This feature is one of 18 features that were located by manually going through all code files of Marlin using our source code method. It took one person 25 hours to identify all 18 features..

## Feature Characteristics:

Feature Name	LoFC	SD	TD	Completely Wrapped by ifdef
WatchDog	20	6	5	No

## Ratios of sources (%)

RL	PR	CM	Ifdef	DK	CC	SC	GD
0	0	0	40	0	40	20	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.