



# Dasharo Tools Suite Status



# Agenda

- Short Introduction to Dasharo Tools Suite (DTS)
- Overview of DTS v1.2.9 to v1.2.12
- Future Plans: DTS v2.0.0 and Beyond
- Q&A

# Dasharo Tools Suite a.k.a. DTS



- Set of tools and scripts running in minimal Linux environment
  - <https://docs.dasharo.com/dasharo-tools-suite/overview>
- DRY: <https://bit.ly/dasharo-tools-suite>
- We continue silent releases:
  - by silent we mean not announced in Dasharo Universe documentation,
  - v1.2.8 - last stable release recommended for community, published on docs.dasharo.com,
  - v1.2.9-v1.2.12 silent releases made as part of Dasharo Support Package

# DTS silent releases

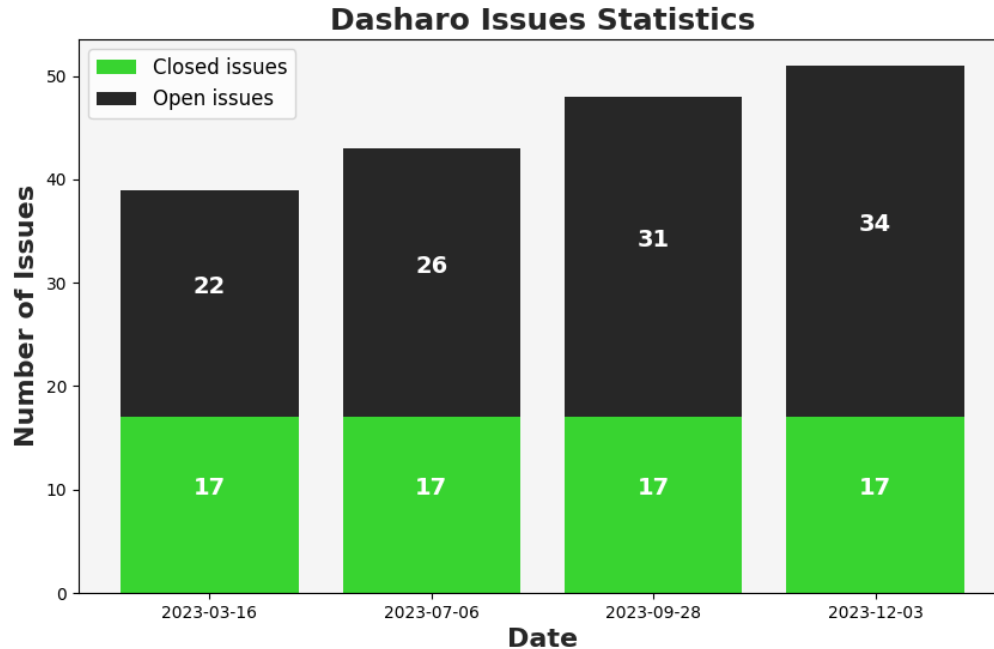
- **v1.2.9 - 2023-09-29**
  - Added [Firmware Update Mode](#) integration, which speed up the process of Dasharo firmware update.
  - Added efivars support and efivar utility to support FUM.
  - Improved logging of DTS menu options to not throw redundant and confusing logs e.g. from flashrom.
  - Fixed problem with EC firmware using incorrect link.
- **v1.2.10 - 2023-10-17**
  - Added [Dasharo Configuration Utility](#) which allow to change logo displayed on boot and many more. More about that in dedicated presentation.
  - Added SMMSTORE migration for NovaCustom laptops, so the Dasharo Setup settings are preserved after firmware update.
  - Added CI/CD pipeline to generate signatures.

# DTS silent releases

- **v1.2.11 - 2023-10-31**
  - Bumped supported firmware versions of NovaCustom to 1.5.1/1.7.1
- **v1.2.12 - 2023-11-03**
  - Fix updating boards without Vboot slot B
- So far in 2023 we released seven DTS versions from v1.1.1 to v1.2.12.
- We plan to continue improving DTS in 2024.



# Bugs everywhere



- We have to improve issues tracking and resolution.
- If you feel you found some problem please report it:
  - <https://github.com/Dasharo/dasharo-issues/issues>

## DTS v1.2.11 menu

```
Dasharo Tools Suite 1.2.11 DasharoToolsSuite ttyS0
DasharoToolsSuite login: root (automatic login)

Dasharo Tools Suite

DTS version v1.2.11

1) Dasharo HCL report - dump hardware information from this device
2) Install Dasharo firmware
4) Load DES keys
8) Start SSH server
9) Shell
10) Power off system
11) Reboot system

Enter an option: █
```

- v1.2.12 is not yet on <https://boot.3mdeb.com>
- If you want to try DTS in QEMU please check: <https://github.com/Dasharo/dasharo-issues/issues/338#issuecomment-1734578527>

```
#589 Dasharo Feasibility Evaluation Tool enhancement, DasharoToolsSuite
#552 Add DTS to netboot.xyz enhancement, DasharoToolsSuite
#540 Extend welcome message in DTS to provide more i... enhancement, DasharoToolsSuite
#491 The DTS just hang, without stop, if I choose op... DasharoToolsSuite
#489 Documentation and DTS Enhancements to Address F... documentation, DasharoToolsSuite
#486 Save Dasharo Entry Subscription Credentials in ... enhancement, DasharoToolsSuite
#476 CI on PR to test changes enhancement, DasharoToolsSuite
#470 DTS does not expose /sys/firmware/acpi/bgrt enhancement, DasharoToolsSuite
#462 Reliable and automatic GPU HCL report enhancement, DasharoToolsSuite
#457 DTS ISO should contain all recent Dasharo Commu... enhancement, DasharoToolsSuite
#449 Add hwprobe to DTS HCL report generation enhancement, DasharoToolsSuite
#440 DTS allow deployment on Z690 with 13th Gen CPU,... DasharoToolsSuite
#385 DTS security features provisioning DasharoToolsSuite
#384 DTS zero touch initial deployment for firmware ... DasharoToolsSuite
#366 Add support for additional NFS file system in DTS enhancement, DasharoToolsSuite
#333 DTS image delivery with up-to-date tools versio... DasharoToolsSuite
#301 Roadmap for DTS DasharoToolsSuite
#288 Provide DTS image in ISO format DasharoToolsSuite
#255 Modify ec_transition script, add support for AD... DasharoToolsSuite
```

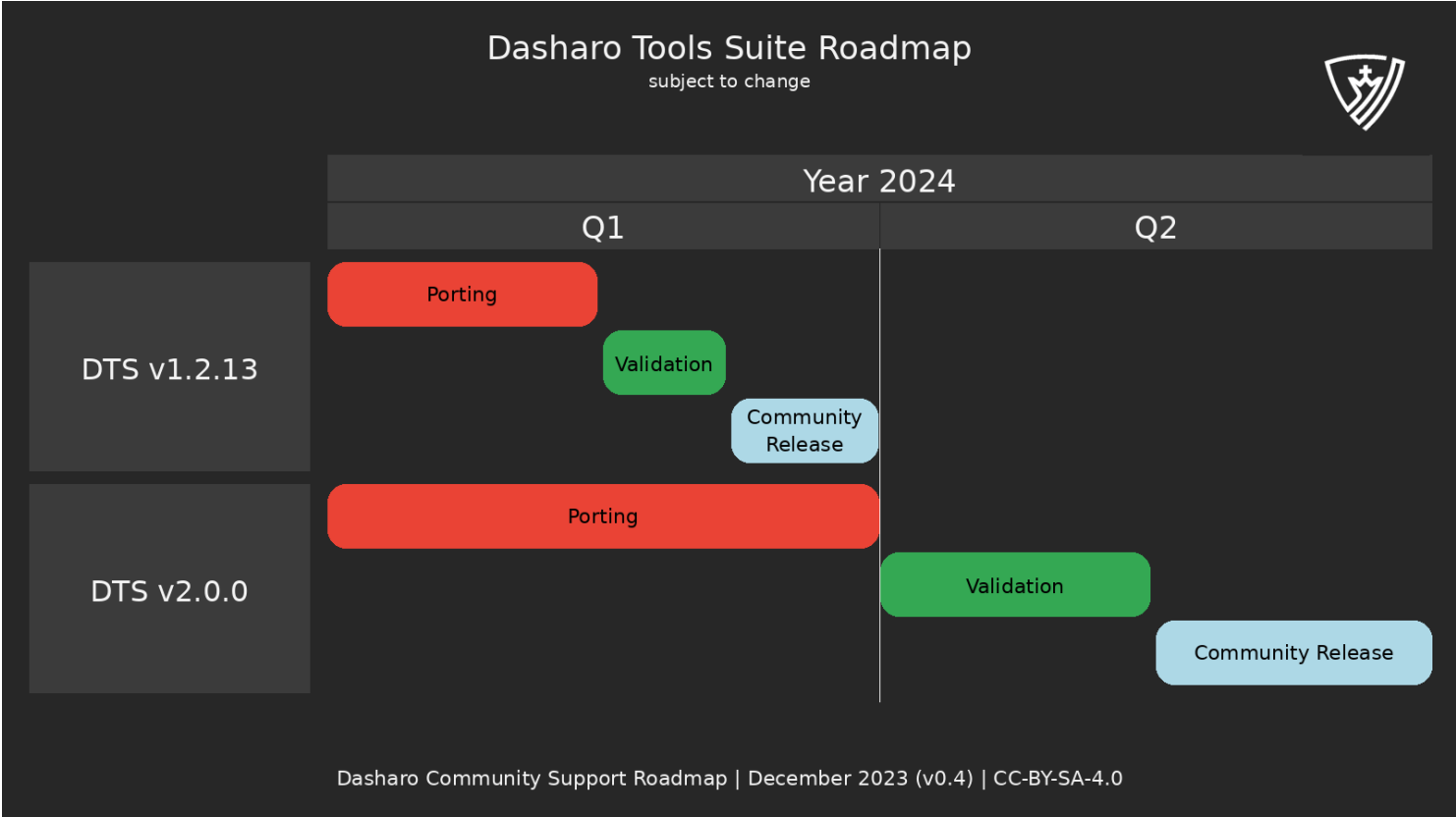
- <https://github.com/Dasharo/dasharo-issues/milestone/5>

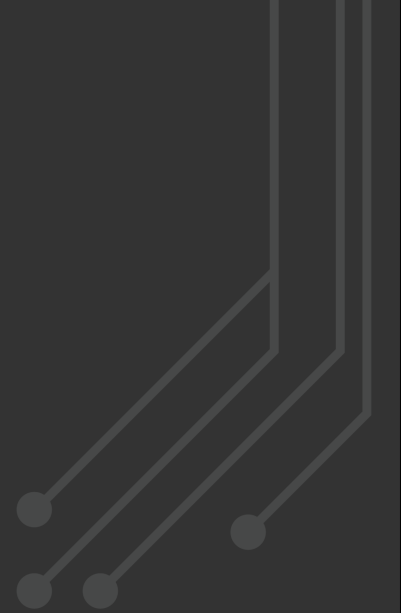


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#387 Bug in `Run commands from iPXE shell` functionality bug, DasharoToolsSuite
#386 Enable Dasharo zero-touch initial deployment for De... DasharoToolsSuite
#358 User friendly firmware update v1 DasharoToolsSuite
#352 DTS documentation improvements DasharoToolsSuite
#338 Add tests for DTS operating system DasharoToolsSuite
#337 Make DTS documentation more user friendly DasharoToolsSuite
#252 Detect Intel fused platforms DasharoToolsSuite
#250 Add recipe for meinfo from coreboot/utils DasharoToolsSuite
#225 DTS CE and SE should use similar UX to ChromeOS Fir... DasharoToolsSuite
#216 DTS should contain tpm2-tools DasharoToolsSuite
#54 Dasharo Tools Suite should boot ftom https://boot.d... enhancement, DasharoToolsSuite
```

- <https://github.com/Dasharo/dasharo-issues/milestone/5>

# DTS Future Roadmap





# Q&A