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Current Status and Future Plans of DAMON

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DAMON[1] is Linux kernel's data access monitoring framework that provides best-effort accuracy under user-specified overhead range. It has been about one year after it has been merged in the mainline. Meanwhile, we received a number of new voices for DAMON from users and made efforts for answering to those. Nevertheless, many things to do for that are remaining.

This talk will share what such voices we received, what patches are developed or under development for those, what requests are still under plan only, and what the plans are. With that, hopefully we will have discussions that will be helpful for improving and prioritizing the plans and specific tasks, and finding new requirements.

Specific sub-topics will include, but not limited to:

- Making DAMON ABI more stable and flexibile
- Extending DAMON for more usages
- Improving DAMON accuracy
- DAMON-based kernel/user space optimization policies
- Making user space DAMON policies more efficient
- Making kernel space DAMON policies just work (auto-tuning)

[1] https://damonitor.github.io

I agree to abide by the anti-harassment policy

Yes

Primary author: PARK, SeongJae

Presenter: PARK, SeongJae

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