

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

ContainerProfiler

RRID:SCR_023770

Type: Tool

Proper Citation

ContainerProfiler (RRID:SCR_023770)

Resource Information

URL: <https://github.com/wlloyduw/ContainerProfiler>

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Description: Software tool supports profiling resource utilization including CPU, memory, disk, and network metrics of containerized tasks. Resource utilization metrics are obtained across three levels: virtual machine (VM)/host, container, and process. Implementation leverages facilities provided by Linux operating system that is integral with Docker containers.

Resource Type: software resource

Defining Citation: [DOI:10.48550/arXiv.2005.11491](https://doi.org/10.48550/arXiv.2005.11491)

Keywords: Resource profiling, resource utilization, containerized tasks, resource utilization metrics,

Funding: NIH R01GM126019;
NIH R01GM126019-02S2;
NIH R03AI159286;
NIH U24HG012674;
NSF OAC-1849970

Availability: Free, Available for download, Freely available

Resource Name: ContainerProfiler

Resource ID: SCR_023770

License: MIT

Record Creation Time: 20230711T050220+0000

Record Last Update: 20260912T200042+0000

Ratings and Alerts

No rating or validation information has been found for ContainerProfiler.

No alerts have been found for ContainerProfiler.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Priyadarsinee L, et al. (2024) Molecular Property Diagnostic Suite for COVID-19 (MPDSCOVID-19): an open-source disease-specific drug discovery portal. GigaByte (Hong Kong, China), 2024, gigabyte114.

Hoang V, et al. (2022) Container Profiler: Profiling resource utilization of containerized big data pipelines. GigaScience, 12.