IOTTA Repository Home

The SNIA IOTTA Repository is a collaborative effort sponsored by the Storage Networking Industry Association's Input/Output Traces, Tools, and Analysts Technical Work Group (IOTTA TWG). The primary goal of this collaboration is to create a worldwide repository for storage-related I/O trace files, associated tools, and other related information, all of which are made available free of charge to the storage research and development communities in both academia and industry.

Get Started!
Download Traces
Begin downloading trace data files. Links to the specific trace types can always be found on the left. If any problems arise, please report them using the Contact Us form.

Get News!
December 17, 2020: New Traces: We have posted the IBM Object Store Traces in the Key-Value Traces section. These recent traces were collected for a HotStorage 20 paper.

December 03, 2020: New Traces: We have posted the Twitter Memcached Traces in the Key-Value Traces section. These recent traces were collected for an OSDI 20 paper.

September 30, 2020: New Traces: We have posted the YCSB RocksDB SSD Traces in the Block Traces section. These recent traces were collected for a forthcoming Transactions on Storage paper.

Get Involved!
Contribute to the IOTTA Repository
Additional I/O Trace Data files can help extend and enhance the IOTTA Repository content. Increase the viability of the IOTTA Repository, and broaden its value to the storage community. You can make a difference! Contribute your I/O Trace Data files to the IOTTA Repository, and encourage others to do likewise.

Become an IOTTA TWG Member
Becoming an active participant within the IOTTA TWG is a great way to help visibly promote and further improve the IOTTA Repository. Moreover, your efforts and commitment can have a direct impact upon the IOTTA Repository, including future directions.

Other Ways You Can Help
There are a number of other ways that you can help the IOTTA Repository!