DETAILED DEPENDENCY ANALYSIS AND I/O PROFILING

Altair Breeze™ makes every engineer an I/O expert. It identifies good and bad I/O for easy wins, enabling IT administrators to quickly solve software deployment problems and resolve file and network dependencies. Even when programs are designed well, it's easy for local settings to affect performance. Mistakes such as excess metadata, small I/O, and storing data in the wrong place can overload computing, network, and storage. Altair Breeze profiles application file I/O to ensure files are stored in the right place — helping organizations fix short-term problems, understand storage requirements, and optimize future planning.

Fast, Agile, and Cloud-Ready

Altair Breeze takes the guesswork out of issue resolution. It gives systems administrators the information they need to quickly solve performance problems and tune applications, both on-premises and in the cloud. Users can deep-dive into application arguments, environment, libraries, and dependencies to debug issues and automate go-to-cloud strategy. Altair Breeze profiles application I/O so organizations can right-size CPU, memory, and storage resources and effectively manage cloud costs.

Informed Application Tuning & Optimization

Altair Breeze automatically detects which files, programs, and libraries have been used by an application. It creates a bill of materials for each run, which can be used to solve deployment issues or ensure correct deployment. It also automates performance and regression testing with detailed I/O profiling, and provides per-file and per-process I/O patterns to quickly locate bottlenecks.

Strategic Migration

Migrating a computing environment can be complex, but Altair Breeze can make it easier. Whether an organization is moving to the cloud or to a new storage architecture, Altair Breeze provides invaluable information, including a list of dependencies IT administrators can use to solve installation problems, analyze resource use and I/O patterns to efficiently size storage requirements, and easily migrate applications to the cloud or a container platform.

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> Improving run time often doesn't require extensive rewrites. Knowing where to look is key.
>
> Keiran Raine, researcher, Wellcome Sanger Institute

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altair.com/breeze