

Accelerating Scientific Analysis with the SciDB Open Source Database System

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Science is swimming in data. And, the already daunting task of managing and analyzing this information will only become more difficult as scientific instruments ? especially those capable of delivering more than a petabyte (that?s a quadrillion bytes) of information per day ? come online.

Tackling these extreme data challenges will require a system that is easy enough for any scientist to use, that can effectively harness the power of ever-more-powerful supercomputers, and that is unified and extendable. This is where the Department of Energy?s (DOE) National Energy Research Scientific Computing Center?s (NERSC?s) implementation of SciDB comes in.

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