

NERSC Science Gateways

At NERSC, we are developing scientist-targeted web sites we call “science gateways.” These can take various forms, from a simple file download site to a full-blown web application invoking code on a high-performance computing system, and can include components from a heterogeneous mix of tools and technologies. In this talk, we will demonstrate several NERSC science gateways and discuss the technologies underpinning them, including the NERSC Web Toolkit (NEWT), which provides a ReSTful web API for high-performance computing.

Summary

A review of NERSC science gateways and the technologies supporting them.

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