
Chemistry and Physics

B-CALM	GAMESS	KKRnano	Lulesh	LSQR	SNAP
DL-POLY	Heat3d	Lattice QCD, QUDA	LSMS	MCB	UMT2013 VASP

Databases

Kinetica	MapD
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Deep Learning *(Many frameworks in the [PowerAI Software Distribution](#))*

Caffe	caffe-nv	CNTK	DIGITS	Theano	Torch
caffe-ibm	Chainer	TensorFlow	PowerAI		

Finance and Math

Altimesh Hybridizer	STAC-A2	STAC-M3	Julia
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Libraries

AmgX	cuBLAS	cuDNN	cuSOLVER	OpenBLAS	NPP
AMG2013	CUDA Math Lib	cuFFT	FFTW (vectorized)	NCCL	SciPy
Atlas		cuRAND/cuSPARSE	LIBLINEAR	NumPy	Thrust

Metadata

HOMP	iRODS	MODS	Nirvana	OpenARC	PyReshaper
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Geosciences, Oil and Gas

Stone Ridge Echelon	heat3d	RTM Kernel (IBM)	SeisSol
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Programming Tools, Specialized Languages

Allinea	XL C/C++	MODS	PGI Fortran	Python (Supporting Library)	R
GCC	PGI Accelerator C/C++	XL Fortran	OpenARC		R tidyverse, R cowplot

Utilities, Workload Orchestration

IBM ILOG®	LuaJIT	WSMP Panasas DirectFlow	Spectrum Cluster Foundation	Spectrum LSF	Spectrum Conductor
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Weather

AROME	Cosmo SVN	HYCOM	MG2	MPAS-A	RegCM
CamSE	JURASSIC	LES	Meso-NH	POPPerf	WRF



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