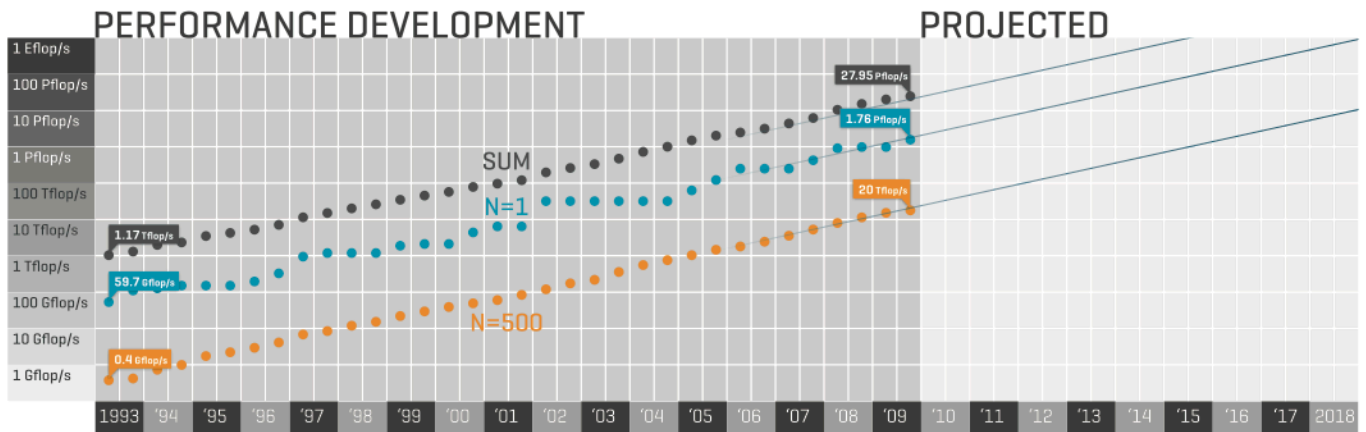
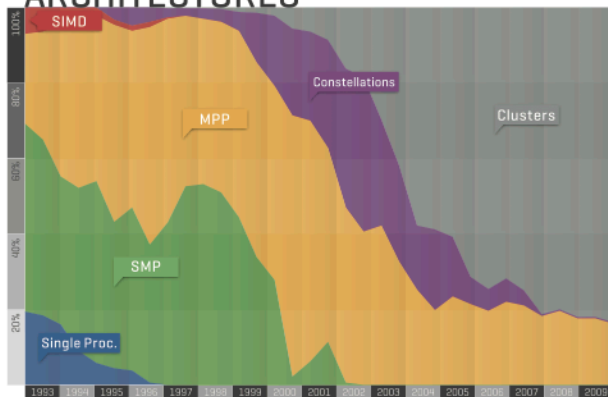


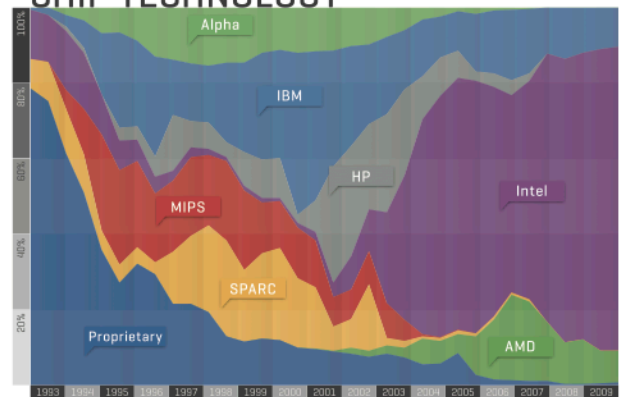
	MANUFACTURER/COMPUTER	LOCATION	COUNTRY	CORES	R _{max}
1	Jaguar , Cray XT5 6-core 2.6 GHz	DOE / OS / ORNL	USA	224162	1.76
2	Roadrunner , IBM BladeCenter QS22/LS21 Cluster, PowerXCell 3.2 Ghz / Opteron 1.8 GHz, Voltaire Iband	DOE / NNSA / LANL	USA	122400	1.04
3	Kraken , Cray XT5 6-core 2.6 GHz	NSF / U of Tennessee	USA	98928	.832
4	Jugene , IBM Blue Gene/P Solution	Forschungszentrum Juelich	Germany	294912	.826
5	Tianhe-1 Cluster , Xeon E5540/E5450 + AMD ATI 4870	National SuperComputer Center in Tianjin/NUDT	China	71680	.563



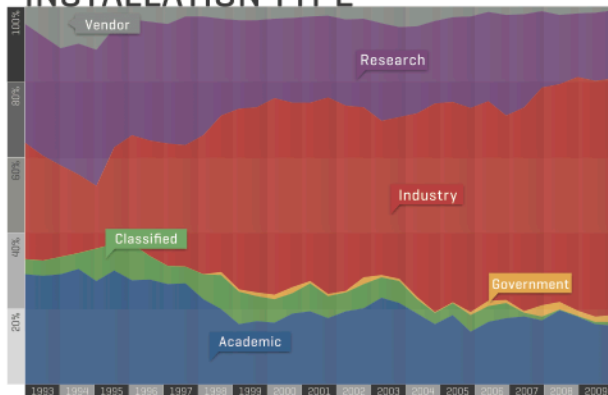
ARCHITECTURES



CHIP TECHNOLOGY



INSTALLATION TYPE



HPLINPACK

A Portable Implementation of the High Performance Linpack Benchmark for Distributed Memory Computers

Algorithm: recursive panel factorizations, multiple lookahead depths, bandwidth reducing swapping

Easy to install, only needs MPI + BLAS or VSIBL

Highly scalable and efficient from the smallest cluster to the largest supercomputers in the world

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