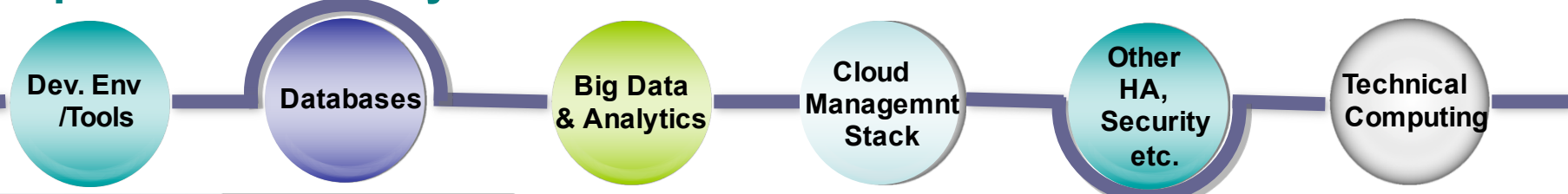


Open Source Ecosystem



Available:
 Angular.js, Backbone, Bootstrap, buildbot, busyBox, Continuum, CruiseControl, Docker, Eigen lib, Erlang, Ganglia, GCC, gccgo, GDB, GoLang, Gump, Jenkins, Jruby, Lynx, LLVM, logstash, logstash-forwarder, kibana, Maven, Nagios, NGINX, node.js, OCaml, OpenJDK, Phantom.js, PHP, phpMy Admin, Perl, PyCi, Python, Python-Django, Python-Pip ecosystem, PyPy, R, RabbitMQ, rsyslog, Ruby, Ruby on Rails (rbenv), Ruby Gems, scala, snappy, Socket.io (npmjs), SpiderMonkey, Strider, Supervisor, SystemTap, Vagrant, V8, Xerces

Available:
 Accumulo (column), Cassandra
 CouchDB (document)
 Couchbase (noSQL)
 Derby, GPUDB, MariaDB (v10.x optimized), EnterpriseDB
 Memcached (KVS)
 MongoDB 3.2 (document)
 MySQL, Neo4J
 PostgreSQL, RabbitMQ
 Redis (KVS), Riak, SQLite
 TokyoCabinet
 Virtuoso (graph)

Available:
 Hadoop Base, Hive, HBase, Accumulo, Ambari, Avro, ElasticSearch
 Falcon, FluentD
 Flume, Hue, Kafka, Knox, Lucene-Solr, Mahout, Oozie, Parquet, Phoenix
 Pig, Ranger, Slider, Spark, Sqoop, Storm, Tez, Zookeeper

Available: Open source application is ported and available on distro (Ubuntu or RHEL or SLES) (black), in community (purple), Lab7 (green) or Veristorm (orange). Does not mean it is optimized. Does not mean that a commercial ISV version is available.

Evaluating: Needs to be vetted in new business development prioritization process. Some of these are available codes that need optimization to be competitive with x86.

Available:
 Apache Web Server
 Apache tomcat
 Ceph, Chef Client, Chef Server v12
 Glassfish, Jetty, Juju & Juju gui
 Landscape client
 MAAS, OpenStack, Puppet
 Apache Qpid
 Thrift
 Ceilometer client, Sensu Server & Client

Available:
 Alfresco, BTRFS, Bootstrap
 CentOS
 Chroma-key
 Cluster Glue,
 corosync, CRMshell, DRBD
 Evolution data svr,
 ClusterGlue,
 HAProxy, Heartbeat
 keepalived
 Ldirectord,
 Linux-HA, mesos
 OpenSSL
 Pacemaker, REAR, resource agents,
 Samba, Tophat
 WordPress

Evaluating:
 Cluster-Network
 Open Identity Stack (forgerock.com)

Available:
 ALLPATH-LG, bfast, BioConductor, BLAST, BOOST, Bowtie2, BWA, EMBOSS, FASTA, FastQC, HMMER, HTSeq, ISAAC, PICARD, PLINK, RNAStar, RSEM, SAMTools, SAMTools 1.0, SeqAn, SHRiMP, SOAPAligner, SOAPbuilder, SOAPDenovo, TMAP, TopHat, ABySS, Balsa, Caffe, Code-Saturne, GATK, GMP, Heat3d, IOR, Lattice-Boltzmann, LAPACK, OpenFOAM, waterman

Optimized & GPU enabled:
 AMBER14, CHARMM, Galaxy, GAMESS, GROMACS, HPC-challenge, KKRnano, LatticQCD, MAFFIA, NAMD, NEST, PEASOUP, PLUTO, Quantum Espresso, QUDA, SOAP3-DP, WRF

Evaluating:
 ALYA, CEGMA, DIALIGN-TX, MUSCLE, openQCD, RSEM, SIFT, STREAM, T-Coffee, miRdeep2, ucscTools, ViennaRNA,