

T2 in Wuhan current status and plans

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Hardware Upgrade

Hardware of farm in 2012

- ~140 cores over 32 nodes
- 30 TB of Storage space



More Hardwares are added in 2013

- ~120 cores over 10 nodes are added
- 80TB of Storage space are added

(CPU: Xeon E5-2620)

Software Upgrade



- ∞ **OS version:** all machines upgrade to SL6
- ∞ **Vobox:** (WLCG_vobox + squid+AliEn)
- ∞ **CE:** (cream-ce + torque+ bdii-site + nfs_server
- ∞ **SE:** (Xrootd)
- ∞ **Worker nodes:** (CVMFS+ torque client)



January – February, Moving all the hardwares to Computing Center of CCNU



About Storage

Cache

- Cache employed in the system
- Prefetch data


Data access

- Data access pattern for data analysis in HEP

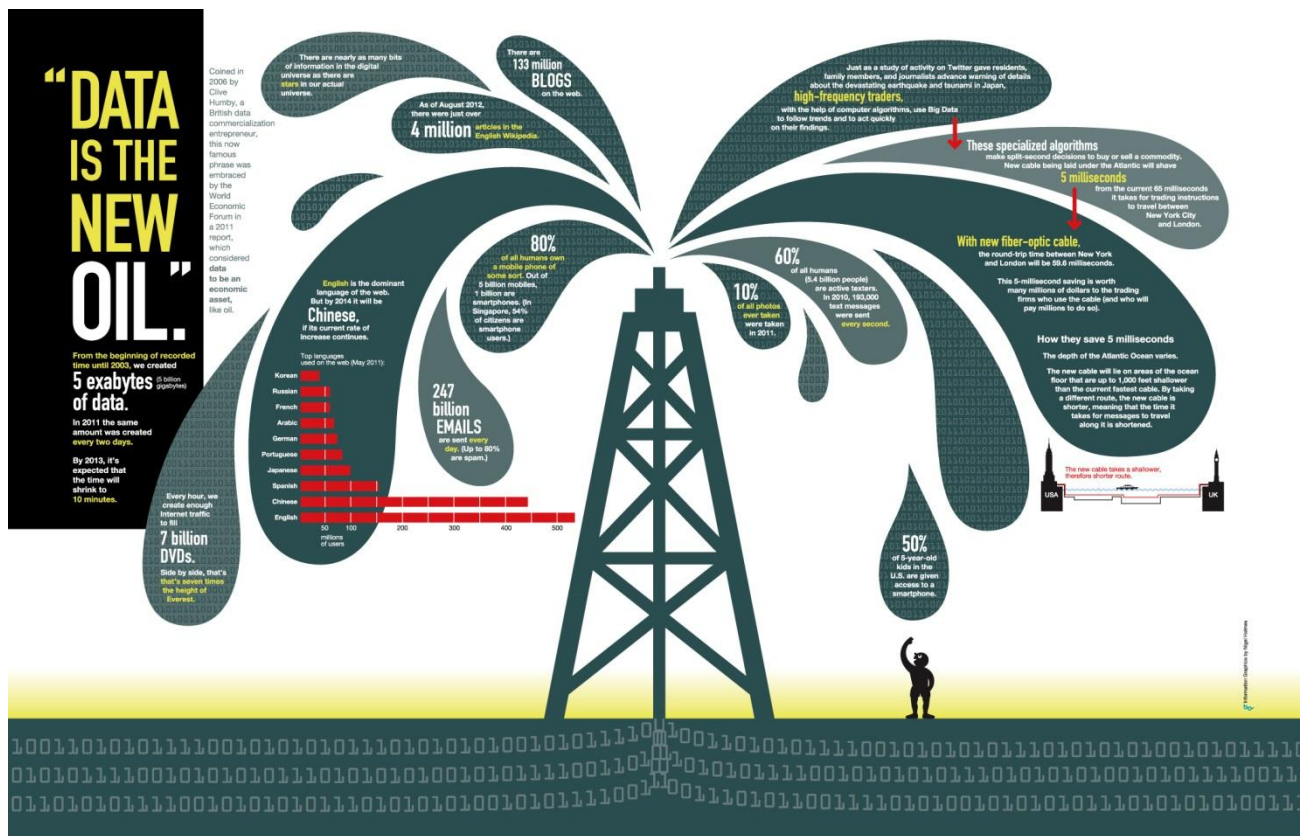
Data popularity analysis

- Data placement policy
- Correlation between user and the datasets

Arrangement for Wuhan site

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- The site online during March – April, 2014
 - Contribute more hardware resources
 - Improve the network bandwidth





Thanks !!

*picture source : <http://www.multivu.com/mnr/58095-rick-smolan-human-face-of-big-data-project-globally-crowdsourced>