Technical History of Lab UK

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Initial plan (aug 2008)

- Perl - userdata, log2results, queryengine
- HTML templates + XML config's

(we didn't build this)

Prototype (oct 2009)

- PHP + Zend Framework

- XML Configuration

Beta (march 2009)

- Experiment: Stress (4k participants)

- PAL + memcached sessions

- Identity

- XML configuration (ie. no admin gui)

v1.0 (aug 2009)

- Experiments: Brain + Personality (400k)

- KV Store (replaced Identity + sessions)

- Experiments MySQL (replaced XML conf)

v2.0 (jan 2010)

- Experiment: Virtual Revolution (70k)

- Participants in MySQL (part replaced KV)

v3.0 (june 2010)

- Experiments: Personality v2 & Stress

- Invites & relationships (MySQL)

- Split /experiments from /labuk (pal)

- Data extraction revamp

- Tasks API (replaces PAL talking to KV directly)

- External Accessibility review

v4.0 (sept 2010)

- Experiments: Money & Risk (BBC1)

- Scaling (make TV deadlines a non-issue)

- Stability: monitoring, outage mode etc.

- GVL3

- Decide what next ...

Volumes (2010 → 2011)

- 450k participants ⟶ 2m

- 73m variables ⟶ 0.5bn

- peaks ~ few hundred writes p/sec