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CHENLA

An Introduction

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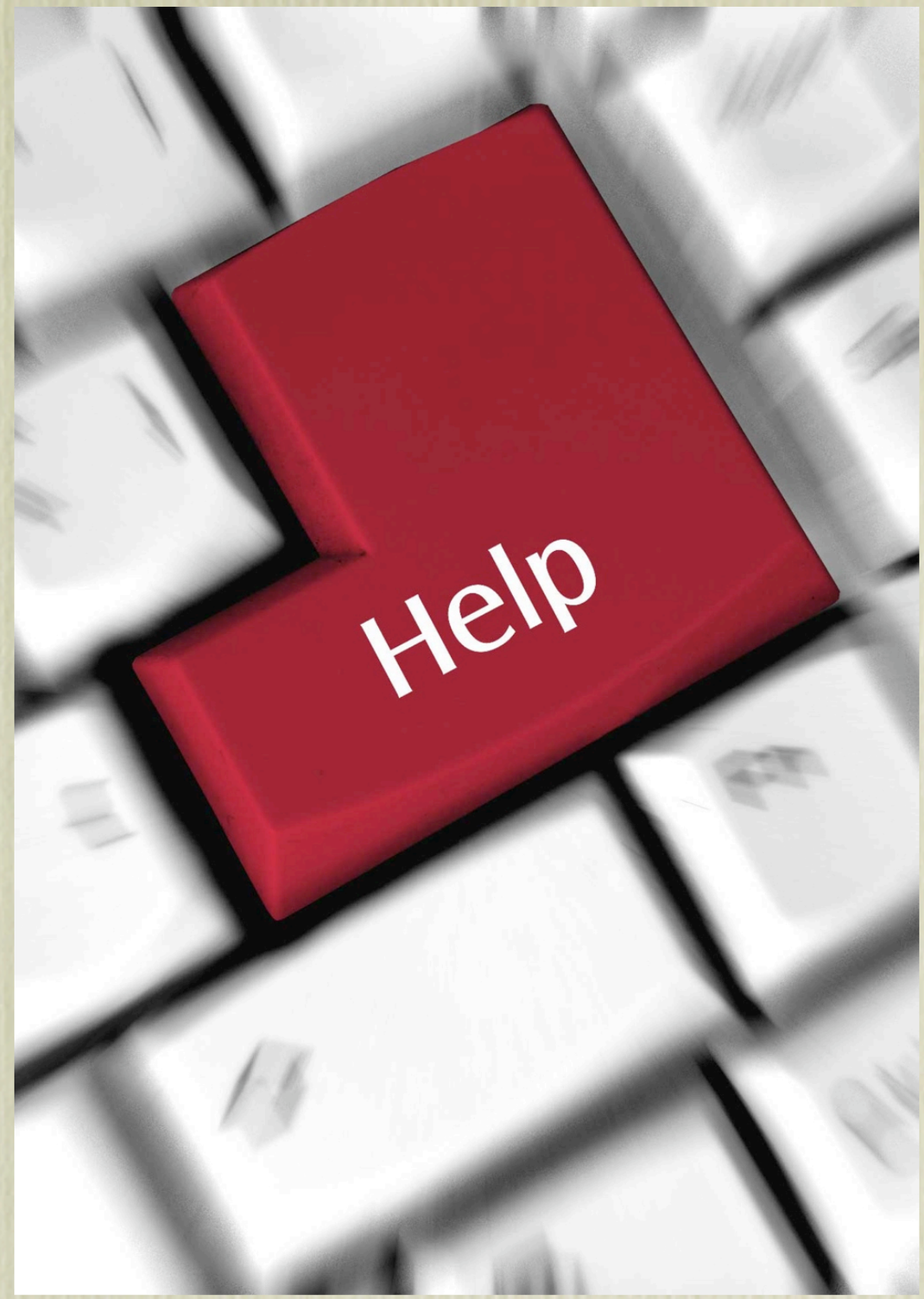
2010 march 19

How It Started

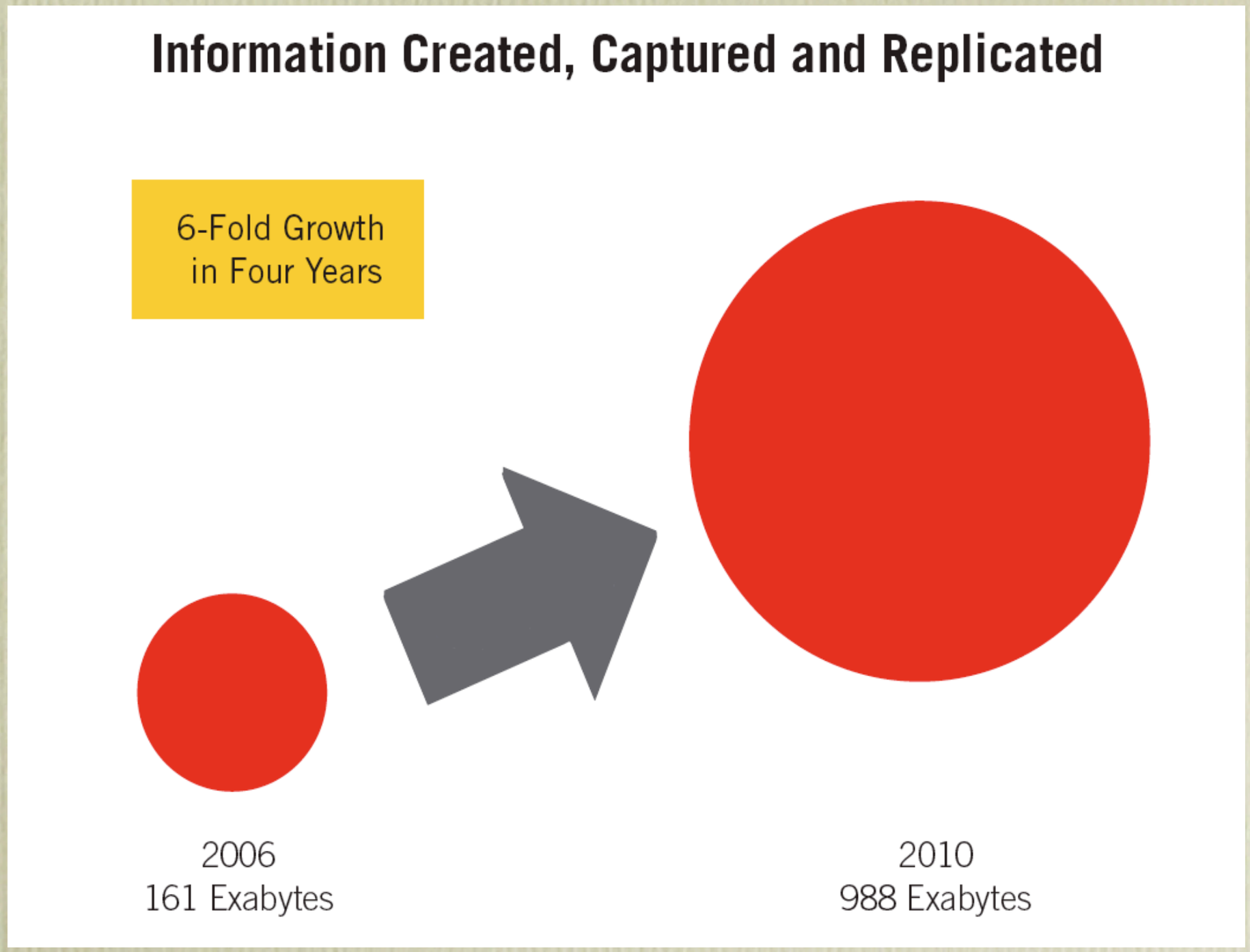
- Founded Huge Net, Hong Kong in 1992
- Little bandwidth, expensive storage, slow graphics
- Start over after the Dotcom Crash in 2000
- What would the next, next generation of the Internet look like?

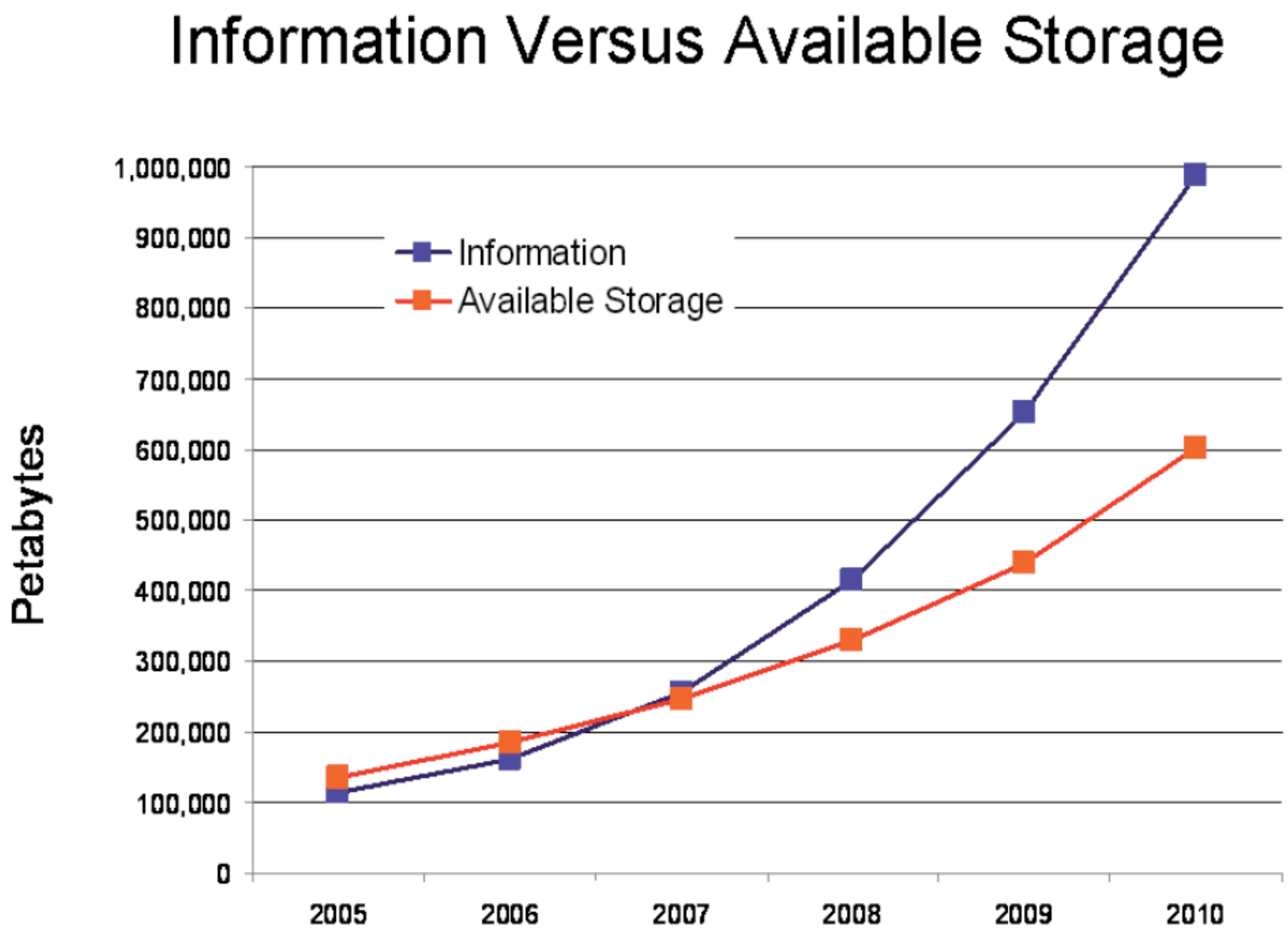


The Next Web

- The Internet is made up of three parts:
  - Processing (CPU)
  - Bandwidth
  - Storage
- Each leg of the stool has spawned an empire:
  - CPU - Microsoft
  - Network - Google
  - Storage - ???

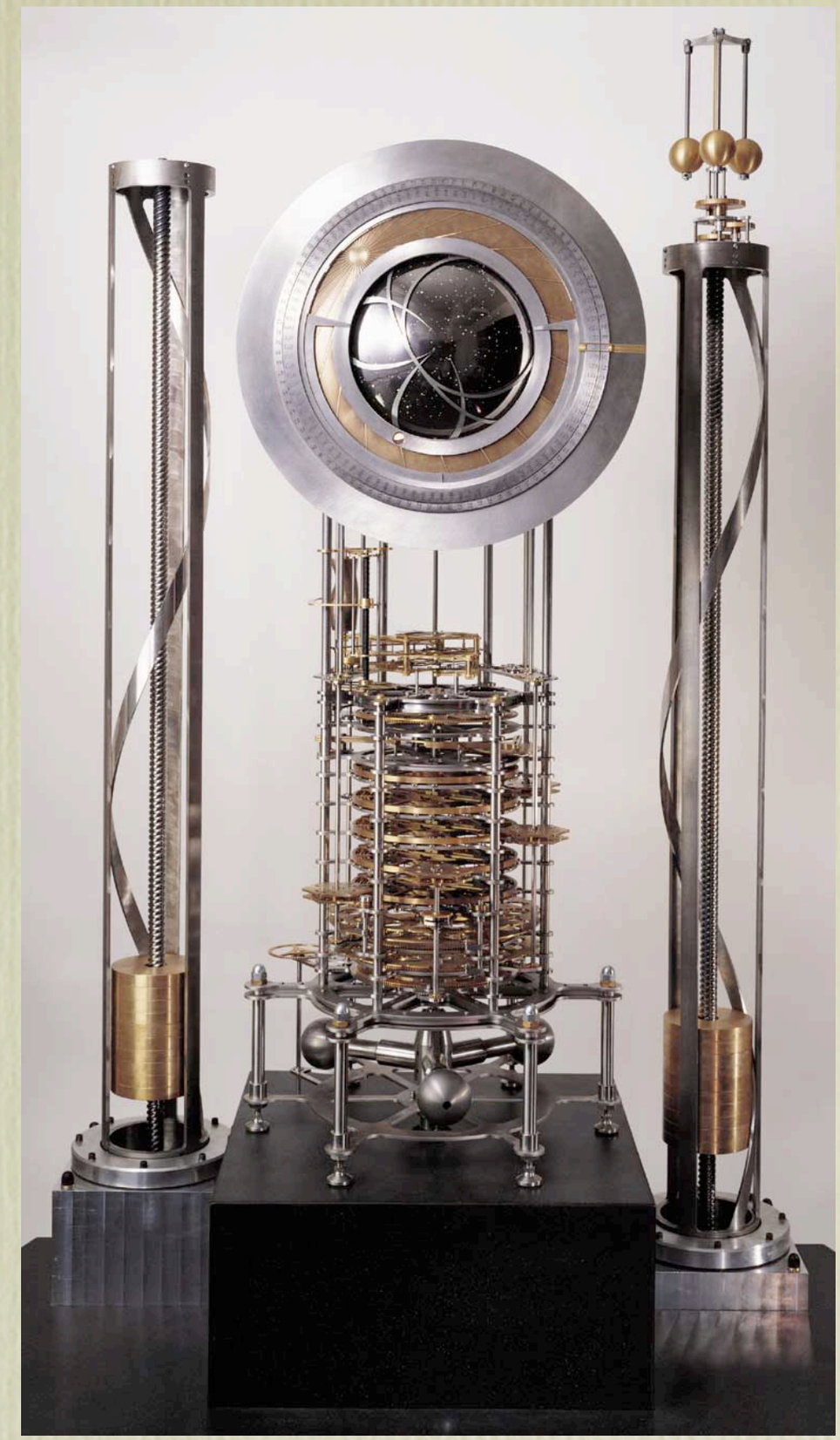
We Were Right




Information Versus Available Storage
Petabytes
1,000,000
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Information
Available Storage
2005
2006
2007
2008
2009
2010

Clock of the Long Now

- Danny Hillis, Stewart Brand, Brian Eno etal
- Big Here versus Small Here
- Long Now versus Short Now
- A 10,000 Year Clock
- A 10,000 Year Library

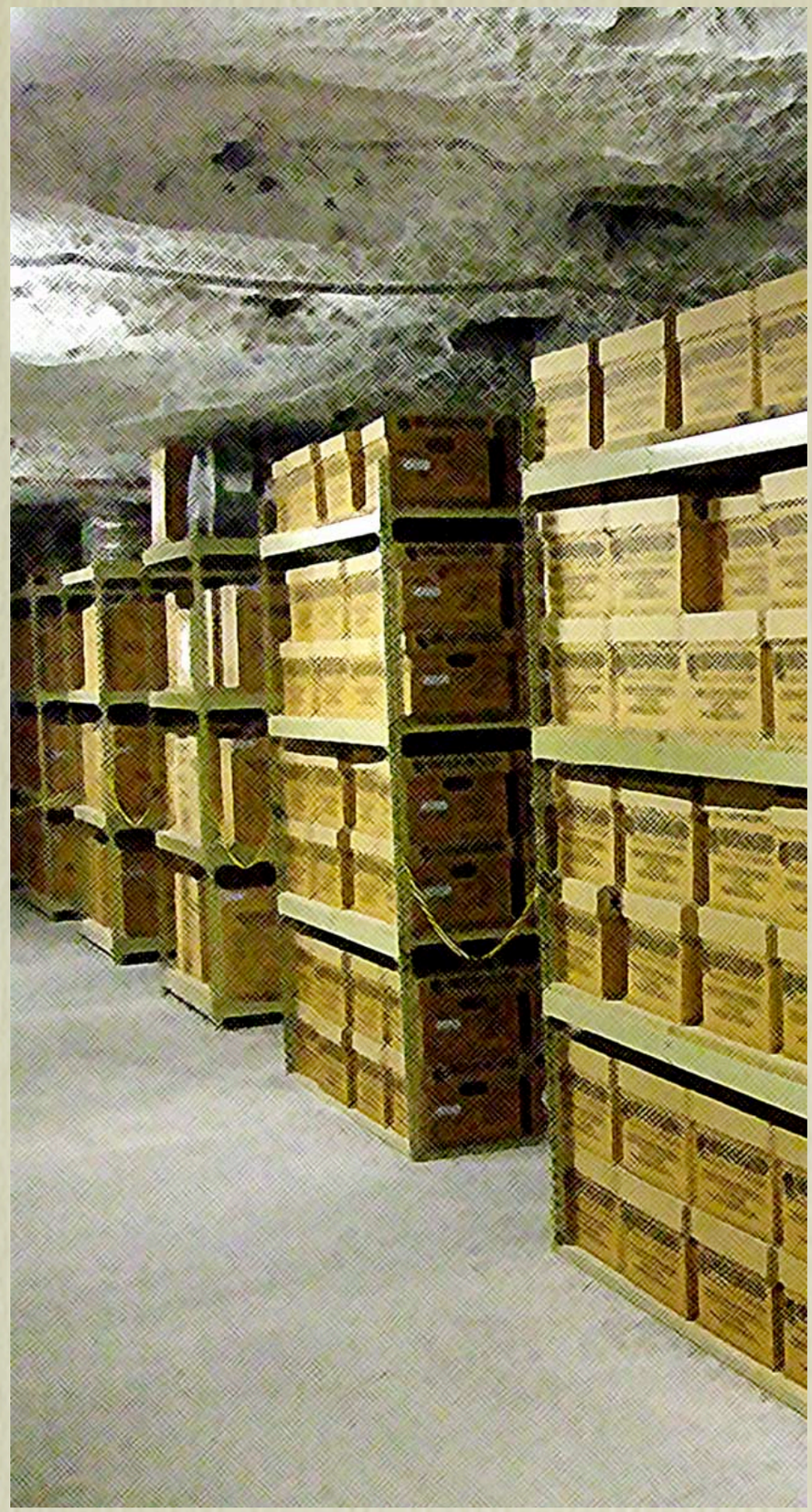


A Framework for the next Web

- Long Term, Distributed Storage
- BMF (Burr Metadata Framework)
  - Burr Metadata Language (data)
  - NARF (network)
  - Bento (hardware)

Saltmine Server

- Libraries for Today
- Archives for Tomorrow
- Open Source Software
- Use for Profit & NonProfit Projects
- Launch September 2010 at TechCrunch50



Mekong Studyhall

- First Stage in building a millennial archive
- Free tutoring for writing & computing
- First study hall in Champasak, Laos
- Pilot Program with OLPC

Summer of Content

- Modeled on Google Summer of Code
- Google Books & Million Book Project
- Convert Page Scans into Native Digital Editions

Content Collections

- San Diego Plus-or-Minus Forty
- WorldBeat Video Archive
- Librarium Core

The Tale of the Hacker & The Backer

Christopher Columbus

- First Modern Startup
- He was nuts, but a good businessman
- Potential of a new trade route to India was enormous

Isabella I

- First Angel Investor
- Knew that Columbus was nuts and would likely die
- Investment was small
- It was an adventure
- Potential of new trade route to India was enormous

Be Our Angel

- Need equipment programers & staff
- We Are Raising $15,000 to get off the ground:
  - Saltmine Server dev team in Vietnam in May 2010
  - NGO for studyhall in Laos, June 2010
  - First round $2.7m in September 2010

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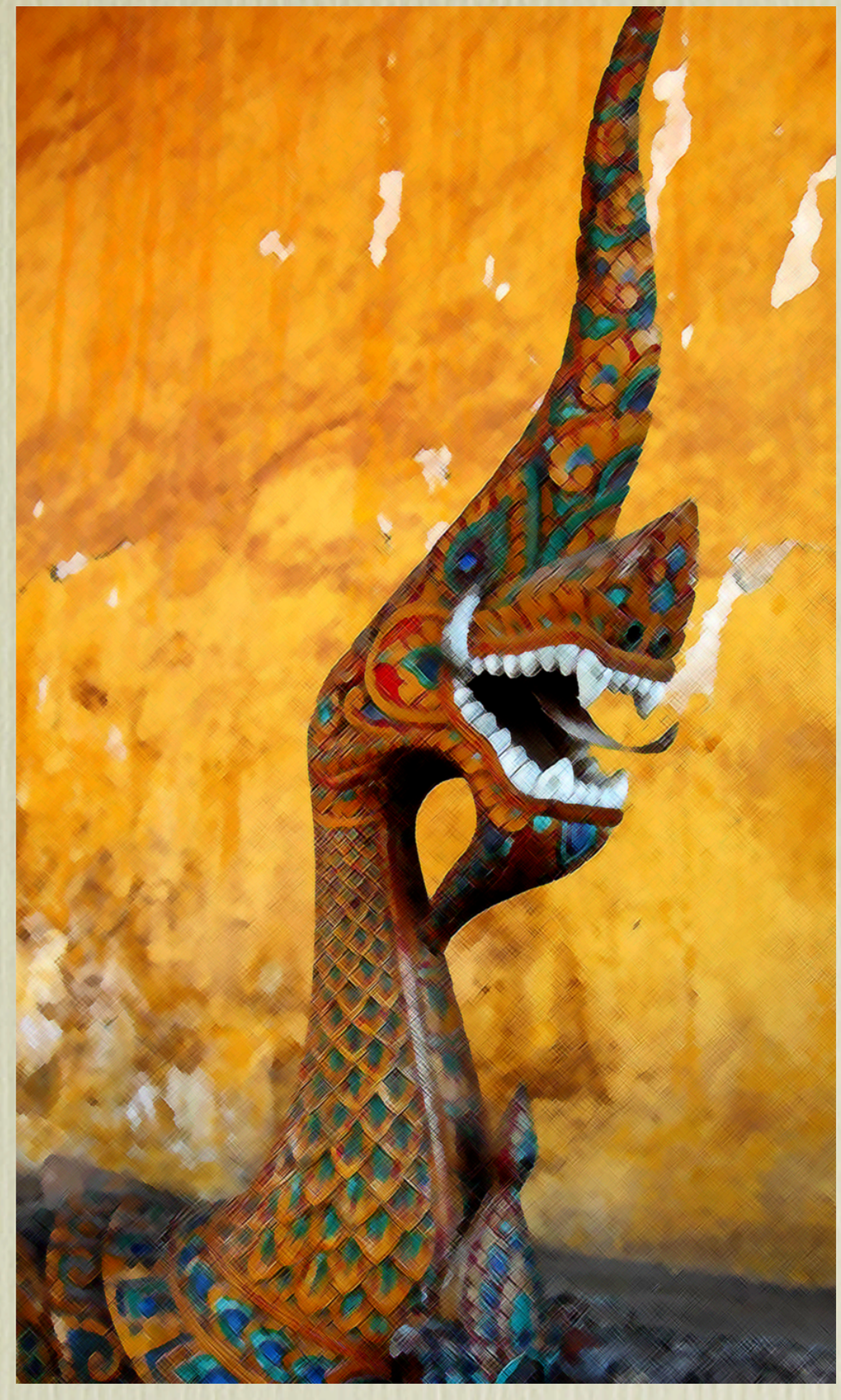
Thank You

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