



Digital Information:

"Look it cannot be seen - it is beyond form.

Listen, it cannot be heard - it is beyond sound.

Grasp, it cannot be held - it is intangible."

□ Tao Te Ching, Verse 14

"Wrestling with Search Engines and Search Technologies: How They Work and the Best Ones to Use (Google is not always the BEST answer!)"

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Wrestling with Search Engines

- Current Trends – Crawling, Spiders, and Indexers**
- Wonderful World of Google**
- The Deep Web**
- Other Tools – Where to go next**
- What does the Future Hold**
- Questions?**



Current Trends

- **Where do search engines look for their information?**
- **How is an index populated?**
- **Who or what decides which results make it to the top?**



Current Trends

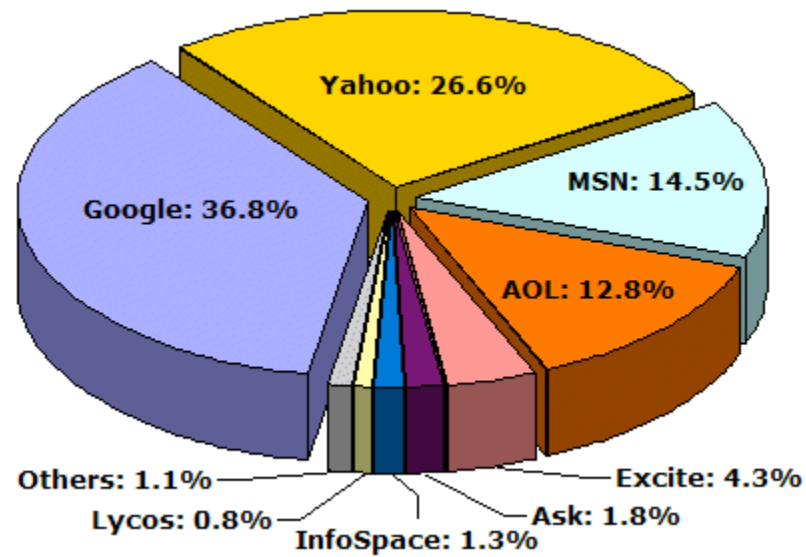
- **550 Million**
- **60 Terabytes**
- **92 Petabytes**



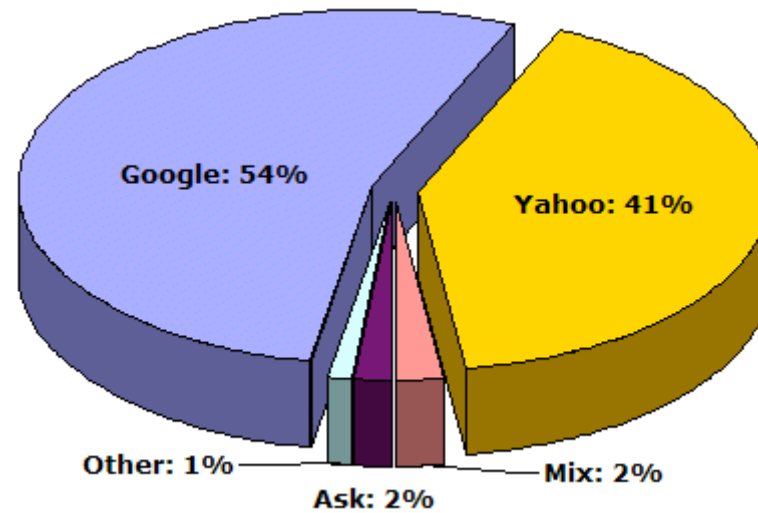
Google

- **Hundreds of Researchers**
- **Cutting Edge Technology**
- **Innovation**
- **Excellent User Interface**

Google -- Searches



Powered By Google





The Deep Web

- ❑ **Database contents accessible on the web**
- ❑ **Other file formats**
- ❑ **Links to information that traditional search engines do not provide.**



Deep Web Search Engines

- CompletePlanet - offers searchable access and summaries of the retrieved sites
- Direct Search - interfaces with a wide variety of research resources compiled by Gary Price
- Invisible-web.net - companion site for *The Invisible Web: Uncovering Information Sources Search Engines Can't See*



What Does the Future Hold

- Dipsie
- Mooter
- Teoma
- Kozoru



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