

Web Servers

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Agenda

- History of web servers
- Introduction to how web servers work
- Common features
- Apache - Case study

History of web servers

1989

- Tim Berners Lee
- CERN (European Organization for Nuclear Research)
- Hypertext system
- browser - WorldWideWeb
- First web server - CERN httpd which ran on NeXTSTEP.

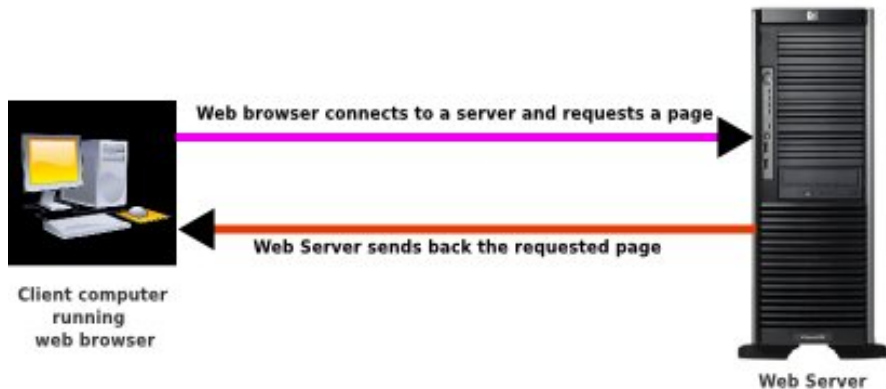
1991-1994

- Ported to many operating systems
- Scientific organizations -> Universities -> Industry

1994

- Tim Berners-Lee - World Wide Web Consortium

Introduction to how web servers work

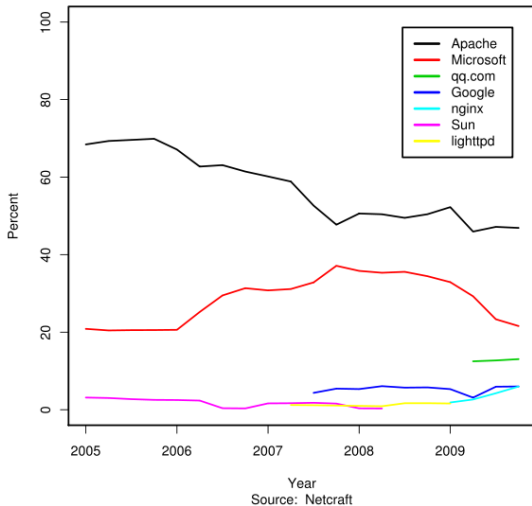


Common features

- Modular design
- Virtual hosting
- Large file support
- Bandwidth throttling
- static and dynamic content handling
- Authentication and Authorization

Apache - httpd - Case study

Usage share of web servers



Apache - httpd - Case study

- Modular Implementation
- Some dynamic language support - Perl, Python, Tcl, PHP and more
...
- Virtual hosting
- Load balancing
- Simple configuration file
- Performance - Multiprocessing modules (MPM)

References

- Apache - <http://www.apache.org/>
- Wikipedia - <http://en.wikipedia.org/>

Thank You

Thank You!
Questions please