On using
Web Frameworks
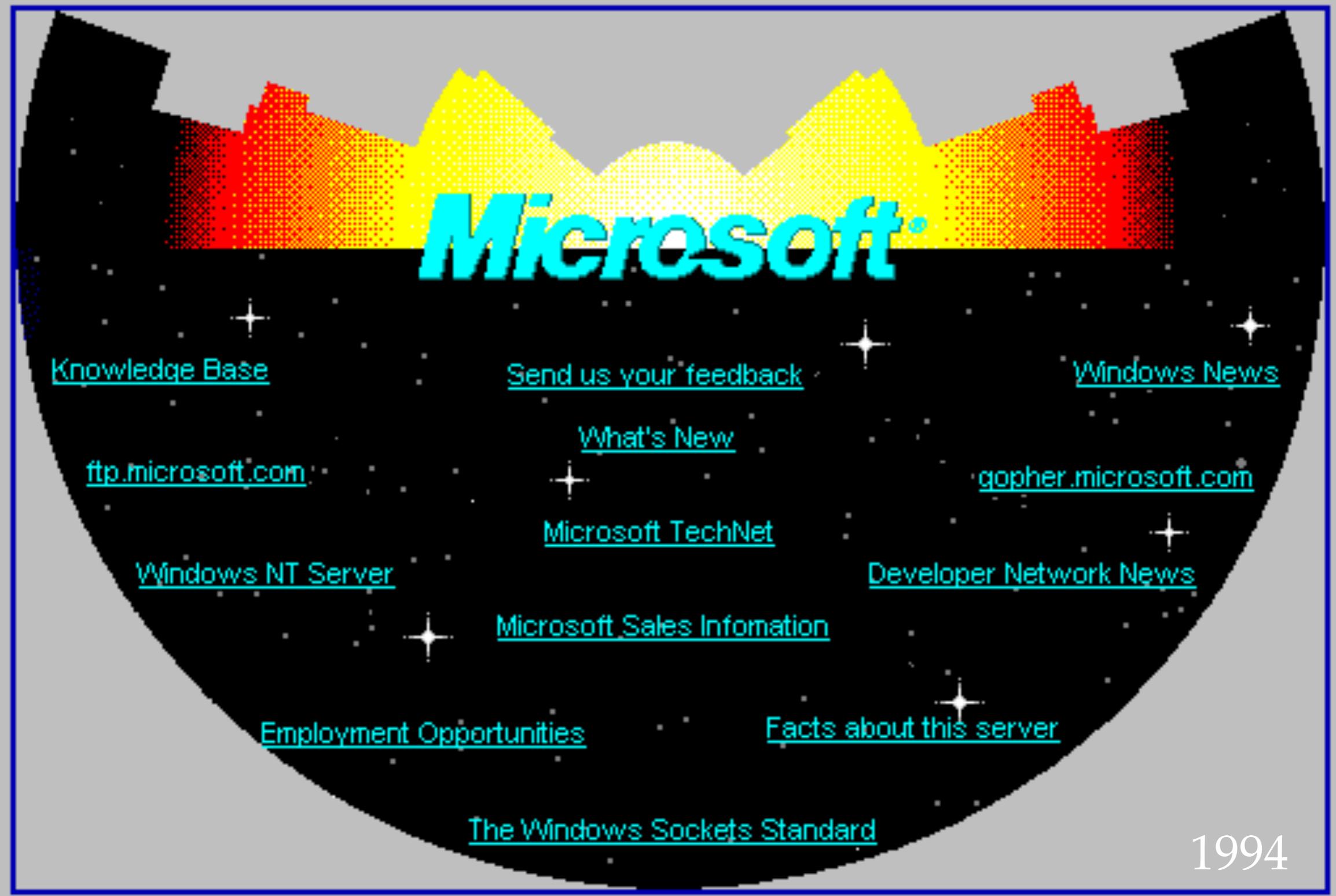
Tiago Boldt Sousa

Web Development

- *work involved in developing a web site for the Internet*

- Databases

- Server-side scripting

- Client-side scripting

- Speed, Security, Scaling, Reliability, …

Welcome to Microsoft's World Wide Web Server!

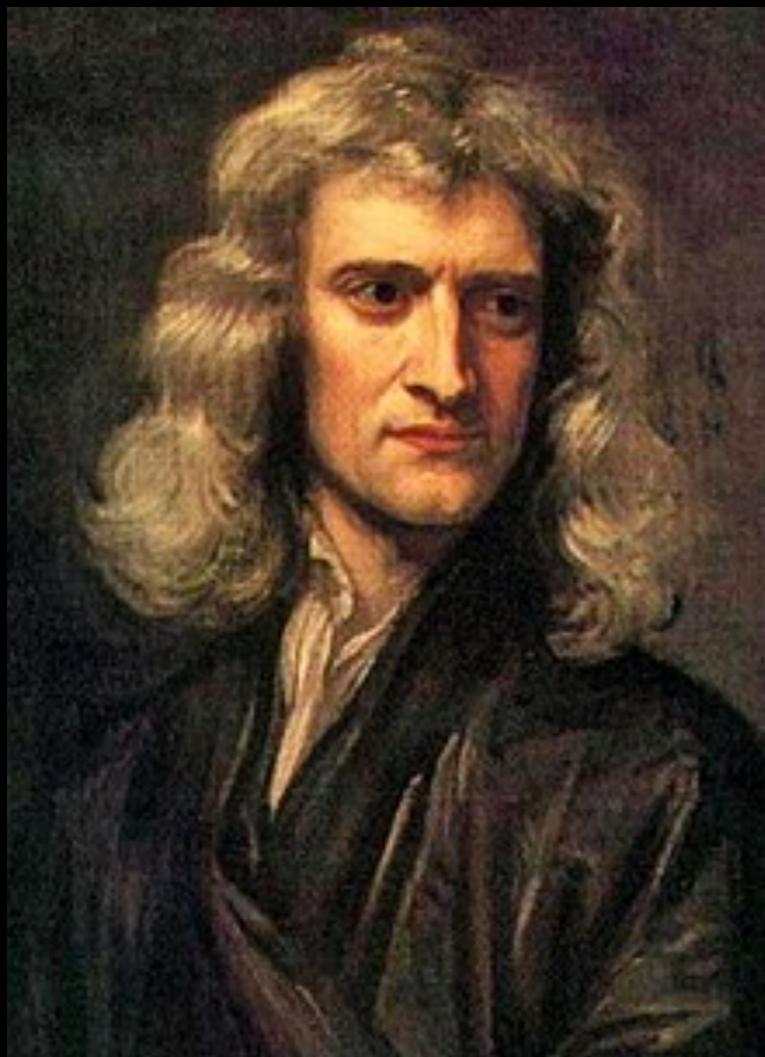If your browser doesn't support images, we have a text menu as well.

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Facts about this server

The Windows Sockets Standard

1994

Web 2.0

- 2004

- user-generated content

  - **interaction** vs static content

- usability

  - **for everyone** vs for experts

- interoperability

  - **everywhere** vs specific browser

Web 2.0

- ❖ Web Standards:

  - ❖ Hypertext Transfer Protocol

  - ❖ Hypertext Markup Language

  - ❖ Cascading Style Sheets

  - ❖ Ecmascript

Traditional Web Development

❖ No frameworks

❖ Complete understanding over all dev stack

❖ Development team decide structure

❖ Repetitive

❖ Troublesome

❖ Error-prone

If I have seen further than others, it is by standing upon the shoulders of giants.
Isaac Newton, 1675

Frameworks for Web Development

- ❖ Project organization

- ❖ Abstract Databases

- ❖ URL Routing

- ❖ Authentication and authorization

- ❖ Provide tools to maintain the application

- ❖ Internationalization

- ❖ So much more

Frameworks for Web Development

❖ Demo lbaw-laravel