Request - Response Cycle
Web Server
Web Page
Rearret

Click Here

Request

(Get, UFL) opens-the
network socket

Pausis

and renders

the response.

Response

(Processing)

<hl>The Second Page</hl>If
you like, you can switch back to the
<a href="page!.htm">First
Page</a>.

A lot of things can
come bouk in response
apart from MTML)

# Iransfer Protocol (HTTP)

**Uniform Resource Locator** 

(URL)

http://data.pr4e.org/page1.htm protocol document

> server address (it resolus to an IP address)

# HTTP - HyperText Transfer Protocol

- The dominant Application Layer Protocol on the Internet
- Invented for the Web to retrieve HTML, Images, Documents, etc.
- Extended to handle data in addition to documents RSS, Web Services, etc.
- Basic Concept: Make a connection Request a document Retrieve the document - Close the connection
- Internet and sockets were created in the 1970's, HTTP was invented in 1990 and is an application protocol that runs atop sockets

We can say that the Sochub are the ones that make a phone call 2 HTTP is what we do when the call is established.

# 5 Request

A request message from a client to a server includes, within the first line of that message, the method to be applied to the resource, the identifier of the resource, and the protocol version in use.

## 5.1 Request-Line

The Request-Line begins with a method token, followed by the Request-URI and the protocol version, and ending with CRLF. The elements are separated by SP characters. No CR or LF is allowed except in the final CRLF sequence.

Request-Line = Method SP Request-URI SP HTTP-Version CRLF

