**Hyper Text Transfer Protocol (HTTP)**

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Hyper Tex Transfer Protocol or known as HTTP is a network protocol of the web used by World Wide Web and this protocol to define how messages are formatted and transmitted and what actions [web servers](http://www.webopedia.com/TERM/W/Web_server.html) and [browsers](http://www.webopedia.com/TERM/B/browser.html) should take in response to various commands. HTTP is used to transmit *resources*, not just files. A resource is some chunk of information that can be identified by a URL (it's the **R** in **URL**). The most common kind of resource is a file, but a resource may also be a dynamically-generated query result, the output of a CGI script, a document that is available in several languages, or something else.

Any [Web server](http://whatis.techtarget.com/definition/Web-server) machine contains, in addition to the Web page files it can serve, an HTTP [daemon](http://searchsoa.techtarget.com/definition/daemon), a program that is designed to wait for HTTP requests and handle them when they arrive.

For example, when you enter a [URL](http://www.webopedia.com/TERM/U/URL.html) in your browser, this actually sends an HTTP command to the web server directing it to fetch and transmit the requested [web page](http://www.webopedia.com/TERM/W/web_page.html). The other main standard that controls how the World Wide Web works is [HTML](http://www.webopedia.com/TERM/H/HTML.html), which covers how web pages are formatted and displayed.