

# Re: Knowledge-based problem solving system

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*Source:*

<http://www.tech-archive.net/Archive/Media/microsoft.public.windowsmedia.player/2007-05/msg00310.html>

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- *From:* "Neil Smith [MVP Digital Media]" <[neil@xxxxxxxxxx](mailto:neil@xxxxxxxxxx)>
  - *Date:* Wed, 09 May 2007 18:00:41 GMT
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On Wed, 09 May 2007 08:06:39 +0100, Swifty <[Steve.J.Swift@xxxxxxxxxx](mailto:Steve.J.Swift@xxxxxxxxxx)> wrote:

In my hypothetical branching (Knowledge-based) website, the typical page would be about 100 characters, a simple question, and some HTML "fluff". The POST response would be about 20 bytes.

With those figures in mind, and the rate at which posts appear in this newsgroup, I could probably keep up using my spare (i.e. ancient) ThinkPad and my ADSL connection.

I'm so tempted to try this.

My professional speciality is bandwidth-friendly CGI applications. Hence the primitive look of most of my webpages – I don't waste bandwidth just for the "benefit" of style. I design with the 386 system and 1200bps modem in mind.

You might find AJAX base queries are well aligned with your aims then, since the packet size is mostly the initial page load. After that it's as you say, small query requests and responses without loading the whole page again (though cacheing takes much of the strain)

Oh, and the POST request ? You forgot the headers, which can consume around 100–200 bytes per request each direction (request/response), even if you only post 20 bytes of actual data to the server.

Cheers – Neil

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Digital Media MVP : 2004–2007

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