Subject: Re: Another XML Question Posted by Karl Schultz on Thu, 24 Mar 2005 17:06:09 GMT

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On Thu, 24 Mar 2005 11:43:22 -0500, James Kuyper wrote:

- > Karl Schultz wrote:
- >> On Wed, 23 Mar 2005 19:44:03 -0800, kuyper wrote:

>>

>>

>>> Michael Wallace wrote:

>>>

>>> >Oh, of course. Now what the hell is a DTD again?

>>>>

>>> Document Type Definition.

>>>> ...

>>> [Lots of good general-purpose information about DTDs]

>>>

- >>> David's questions got me curious, so I spent a lot of time this
- >>> afternoon wading through the IDL documentation for it's XML objects. At
- >>> the end of that survey, I still couldn't figure out how to use a DTD in
- >>> connection with those objects. There's lots of things that say "if a
- >>> DTD is provided", but I couldn't find anything that indicated how to
- >>> provide a DTD. Could someone give some actual IDL code for this?

> ...

- >> In the example below, note the DOCTYPE element. It refers to a file named
- >> slideshow.dtd that contains the DTD, also shown below. The DTD info can
- >> actually be in the XML file itself, within the DOCTYPE element, but it is
- >> common to put the DTD in a different file for easier reuse.

>

- > If the DTD is stored as a separate file, which locations does IDL search
- > for the DTD file, and in what order? Is there a repository of standard
- > DTD files somewhere?

If it is just a plain filename with no path, the DTD file would have to be in the same directory as the XML file. You could also reference a file with a pathname. There is no IDL-defined search order.

It is fairly common practice to put DTD's on the net and reference them with a URL.

Here is a DTD for XHTML:

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

You might look for other "standard" DTD's at the w3.org site.

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