
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.

Karl
