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Subject: Re: proportional scaling of thumbnails in filepicker (for images)

Posted by [ikatz](#) on Mon, 14 Jul 2008 20:05:52 GMT

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I see the problem.

std.filepicker.list1.xsl is looking for a "/root/params/image\_width" instead of "/root/params/imagewidth"

With this patch, the thumbnails in the filepicker screen will properly respond to the values in the screen structure file:diff --git a/xsl/std.filepicker.list1.xsl b/xsl/std.filepicker.list1.xsl

index 320a20d..a14094a 100644

--- a/xsl/std.filepicker.list1.xsl

+++ b/xsl/std.filepicker.list1.xsl

@@ -31,8 +31,8 @@

<xsl:variable name="image\_directory" select="/root/params/image\_directory" />

<xsl:variable name="image\_width">

<xsl:choose>

- <xsl:when test="/root/params/image\_width">

- <xsl:value-of select="/root/params/image\_width" />

+ <xsl:when test="/root/params/imagewidth">

+ <xsl:value-of select="/root/params/imagewidth" />

</xsl:when>

<xsl:otherwise>

<xsl:value-of select="//root/structure/main/row/cell/@imagewidth" />

@@ -41,8 +41,8 @@

</xsl:variable>

<xsl:variable name="image\_height">

<xsl:choose>

- <xsl:when test="/root/params/image\_height">

- <xsl:value-of select="/root/params/image\_height" />

+ <xsl:when test="/root/params/imageheight">

+ <xsl:value-of select="/root/params/imageheight" />

</xsl:when>

<xsl:otherwise>

<xsl:value-of select="//root/structure/main/row/cell/@imageheight" />

I would still like to have the images be scaled proportionally to fit into a bounding box specified by imagewidth and imageheight. Based on my reading of your code, it would have to be implemented something like this:

std.filepicker1.inc will perform additional processing on the files it reads, based on their type.

For images, the width and height will be extracted with getimagesize(\$file)

For other files... some other relevant metadata?

std.table.class.inc will need setFieldArray() to accept a second argument for an array of metadata key/value pairs whose indexes line up with the \$file\_list

include.xml.\*.inc will need to accept an array of key/value pairs for a file's row entry and insert

them using `setAttribute($key, $value)`

`std.filepicker.list1.xsl` will need to run the scaling code using the image dimensions stored as attributes in the `"/root/file"` tags and the bounding boxes specified in `"/root/params/image*"`

Is there a better way to do any part of that? I am trying to decide whether it is worth doing.

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