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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