

Re: which is the better option for directory hashing to store large number of image files?

## Re: which is the better option for directory hashing to store large number of image files?

---

*Source:* <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2007-09/msg01141.html>

---

- *From:* "Shelly" <[sheldonlg.news@xxxxxxxxxxxxxxxxxxxx](mailto:sheldonlg.news@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 17 Sep 2007 10:15:48 -0400
- 

I didn't understand what you were asking at first, but I think I do now. What I would do in your is to use a combination of file structure and database entries. The first question you need to ask yourself is how will you typically be accessing these files. For example, I store a list of images for a given order. In that case, I create a folder under photos with the name of the order number. I then place the images in that folder -- but then I only plan to access it via order number. That is simple. What you see to need is a multiple method of finding the files. They might be between certain dates, certain owners, certain names, etc. In that case you would want to put all those as fields in a database table and have the full file name (including path) in another field. You would search the database however you wish and that would yield [near] immediate access to the file location.

Moral: Programming, as well as life, is not always an either-or. Sometimes a compromise/hybrid is the best solution.

--  
Shelly

"NoDude" <[nodude@xxxxxxxx](mailto:nodude@xxxxxxxx)> wrote in message  
[news:1190035565.874728.46600@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:1190035565.874728.46600@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I personally use something like /images/front/controller/row\_id/ - that way I can only store the name of the image.

On Sep 17, 2:49 pm, Jerry Stuckle <[jstuck...@xxxxxxxxxxxxxxxx](mailto:jstuck...@xxxxxxxxxxxxxxxx)> wrote:

theCancerus wrote:

Hi All,

I am not sure if this is the right place to ask this question but i am very sure you may have faced this problem, i have already

Re: which is the better option for directory hashing to store large number of image files?

Re: which is the better option for directory hashing to store large number of image files?

found some  
post related to this but not the answer i am looking for.

My problem is that i have to upload images and store them. I  
am using  
filesystem for that.

setup is something like this, there will be items/groups/user  
each can  
have upto 6 images which needs to be scaled to 4 different  
sizes ie  
every item can have upto 24 images of varying sizes.

now the standard way of storing these files would be to store  
them in  
subdirectories based on some hash.

my partial solution is to split the four types of files into four  
fixed base folders for each dimension,

since filename is in format "YmdHis" i decided to use  
directory  
structure as Y/m/d/<filename>.  
but i realize that even this could be inefficient.

so now i am thinking about going one more level by creating  
Y/m/d/H/i/  
<filename> directory structure.

now my question is how to go about creating subdirectories  
below base  
folders, will my scheme hold or should i use md5 hash as  
suggested by  
others, over the filename and then take 2-3 characters and  
create one  
or two level of directory structure and then store the files?

Re: which is the better option for directory hashing to store large number of image files?

Regards,  
Amit

I use databases for this.

--

=====

Remove the "x" from my email address

Jerry Stuckle

JDS Computer Training Corp.

jstuck...@xxxxxxxxxxxxxx

=====