# Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/22 06:48

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I've set up my template according to the directions in CP-05. My slave sites are correctly deploying with copies of the images folder from the master site (which is exactly the behavior I want).

However an image with the src written as "images/stories/image1.jpg" links to the image that's in the master site, not the multisites slave. So even if I replace my image in http://site.com/multisites/slave1/images/stories/image1.jpg with a new file, I still get the original file from http://site.com/images/stories/image1.jpg.

I've currently got the template set up as:
Deployment Folder: {site_dir}
Alias Link: Blank
Path to Media Folder: images
Path to Image Folder: images/stories

I've also seen forum posts where you've recommended leaving the images and media paths blank, so I've tried it that way. I've also tried using {rel_site_dir}/images/stories. All seem to have the same results. Am I required to write the entire "multisites/slave1/images/stories/image1.jpg" path? Seems like each slave site should be able to write a path relative to it's own deployed directory.

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# Re: Linking to images in specific directory for slave

Posted by edwin2win - 2010/12/22 14:37

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If you followed the tutorial CP-05, I suppose that you also have setup the files and folder tabs with
- images action = copy
- templates action = copy

Verify that the folders created on the slave site are effectivelly physical directory and not a symbolic link.

Concerning the "SRC" images path, perhaps your template use a " in the head section and that the URL is wrong.

Perhaps also that you are using a ".htaccess" file that have a rewritebase parameter that make reference to the master.

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# Re: Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/22 20:33

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There is no base URL specified in the head, and also no .htaccess file. Yes, the images folder is being copied, I've chosen to leave the templates in the master.

If I write the SRC as an absolute path (http:// slave1.com/images/stories/image1.jpg) they work fine.
Relative URLs (/images/stories/image1.jpg OR images/stories/image1.jpg) don't work.

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## Re: Linking to images in specific directory for slave
Posted by edwin2win - 2010/12/22 21:48

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Now, you mentioned that you enter a SRC with an absolute path.
Where do you enter such SRC.

If you mean the parameters
Path to Media Folder: images
Path to Image Folder: images/stories

They must be relative.
They correspond to the "Global Configuration" media settings parameters.

So I don't see where you enter a SRC with absolute path.
Perhaps you enter such SRC in a specific plugin or extension.
Can you explain.

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## Re: Linking to images in specific directory for slave
Posted by myathleticresume - 2010/12/22 21:50

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I'm talking about writing an image tag in the actual code of the page.  The parameters are set as you mentioned above: images and images/stories. And yes, the Global Config of the slave sites show the same info: images and images/stories.

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## Re:Linking to images in specific directory for slave
Posted by myathleticresume - 2010/12/22 23:15

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Okay, I'm still trying different things here. Now in the parameters I have:
Deployment Folder: Blank
Media Folder: {rel_site_dir}/images
Image Folder: {rel_site_dir}/images/stories

When I create a new slave using these parameters the Global Config values read:

Media Folder: multisites/slave1/images
Image Folder: multisites/slave1/images/stories

Using Media Manager shows me the contents of the correct (multisites/slave1/images/stories) folder.

However using the JCE image manager shows me the images/stories folder from the master site.

Next I tried the following settings:

Deployment Folder: {site_dir}
Media Folder: images
Images Folder: images/stories

This gave me the same results as above - images are uploaded (and linked) to the images folder of the master site, even though the URLs read http:// slave1.com/images/stories/image1.jpg. And the path in the media manager reads:
/var/www/vhosts/mastersite.com/httpdocs/multisites/slave1.com/images/stories.

I've also tried setting up a template with the following settings:

Deployment Folder: {site_dir}
Media Folder: {rel_site_dir}/images
Image Folder: {rel_site_dir}/images/stories

However this returns the following error when I try to create a site: Unable to create the symbolic link  ->
.

One other thing I've discovered, and I'm not sure if this is related or if it's supposed to be this way: When I go to the Multisites component on one of the slave sites, I get a warning that "Some patches are not installed". Checking the patches shows an error on the configuration.php file:

Not OK
The routing wrapper is not present in this MASTER configuration file.
Actions:
Add 16 lines containing the routing wrapper to the slave site.

But the option to install patches is not available. Not sure if this is a problem or not.

If I understand this right, the Multisites component is supposed to rewrite all URLs pointing to a slave domain to that domain's deployed directory, in my case under /multisites. So I should be able to write links on my pages as "images/stories/image1.jpg" and not have to include the full "multisites/slave1/images/stories/image1.jpg", right?

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## Re:Linking to images in specific directory for slave

Posted by edwin2win - 2010/12/23 10:28

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First, normally JMS Multisites should not be installed in a slave site.
So this is normal that you have a patch error return on the "configuration.php" files of a slave site that does not contain the stuf present for a master.

Concerning JCE, it has its own configuration for the image path.
So see the JCE configuration for the path.

Concerning the error on "multisites" symbolic link, it seems that you try to deploy a slave site in the

"master" root directory.

As you could read in this forum, most of extension hardcode the directory "/images" and does not read the Global Configuraion "media setting" to get the real path where the images are located.
This is the reason, why we have suggested to deploy the slave site into their own directory.

Which is the value present in the "domain".
Did you used the {site_url}/multisites/{site_id} or something else ?
If this is the {site_url}/multisites/{site_id}, check if you have a .htaccess with rewritebase present.
If you don't have a .htaccess, perhaps you should add one with the rewritebase.

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## Re:Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/27 20:43

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Thanks Edwin, and Merry Christmas!

Multisites is installed on the master, so it gets copied to the slave sites when I deploy them. I haven't reinstalled in the slave sites. So it sound like that's not something I need to worry about - I'll ignore it.

My slave sites are being deployed in /multisites/slave1/, not into the site root. Is this not correct?

Which field are you referring to as the Domain? The domain names are set as:
http://{site_id}
http://www.{site_id}

I enter the site ID of each slave as the URL: slave1.com. So each site is an independent domain name that should be rewritten to the multisites directory of the master site.

I played with the .htaccess and did some research on the forum. I've written it as RewriteBase / and placed a copy in both the master root and slave root, but it's still not working. Can you clue me in on the correct settings and location for this file? Would it need to contain the full path to the site directory? (RewriteBase /multisites/slave1.com/)

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## Re:Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/28 00:58

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Just an update...

The .htaccess in each slave site directory is not being recognized. I've set the site template to copy the .htaccess from the master and rewrite the RewriteBase value for the slave site. It's not changing anything on the way the site works. As a test, I deleted the contents of the file and added a simple redirect to Google. In the slave sites, this doesn't work. In the master site it works correctly.

Entering the URL of the slave site's deploy directory (http: //master.com/multisites/slave1) causes the .htaccess redirect to forward me to this URL: http: //google.commultisites/slave1.com. The code in the

.htaccess is: Redirect 302 / http: //google.com

So obviously it's picking up that multisites/slave1.com path somewhere and appending it to the Google URL, but the .htaccess files aren't being used when accessing the site from it's own domain (slave1.com).

Is there any possibility that I could give you admin and server credentials to take a look at this? I've spent a couple of weeks now trying to sort out this problem with a paid version of the component and I'm not feeling that I'm any closer than when I started.

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## Re:Linking to images in specific directory for slave

Posted by edwin2win - 2010/12/28 12:20

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When using a domain like www.{site_id} this means that you have to setup your http server with the correct "document root" directory.
You should not have to setup or create a specific htaccess when you setup correctly your domain in your http server (cPanel, Plesk, ...)

If you are using cPanel, use the "AddOn Domain" menu to setup the "document root" directory associated to your www.{site_id}.

You could get inspired of tutorial video 0.b slide 21-24 that present a proposal directory structure.

For example:
Domain = slave1.com
Document root = domains/slave1.com/public_html

In JMS Multisites manage site
Domain = www.slave1.com, slave1.com
Deploy directory = /domains/slave1.com/public_html

That is all.

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## Re:Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/28 21:06

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Okay, I'm confused. I'm using Plesk. In the manual it says (pg 20) that you recommend setting up domain aliases for each new domain and keeping all of the slave websites in the /multisites directory of the master, which is what I've done. I'm not opposed to setting up full domains for each new site, I was just doing it the other way since that was what the directions recommended.

The problem I'm having now is anytime I enter any path in the "Deployed Directory" field (right now I'm using /var/www/vhosts/{site_id}/httpdocs/) it returns this error:
The deployed directory  does not exists
But it does exist - I've set up the new domain in Plesk and I can see the directory in the terminal and FTP

browser. Incidentally, I get this same error even when I'm trying to deploy into the multisites directory inside the master. If I leave the "Deployed Directory" field empty it works fine (deploying into /multisites/slave1/) but anytime I enter a value it returns that error. This also occurs if I check the "Create Deploy Directory" option.

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## Re:Linking to images in specific directory for slave

Posted by edwin2win - 2010/12/29 10:23

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Plesk does not allows you to configure a domain with another directory than the one created by Plesk. In addition, plesk add security between different domain in a maner that a domain can not access the directory of another domain (event when using the same account).

You need to apply the procedure described in Plesk - help - appendix II to create a vhost.conf file with the appropriate permission and allow different domains to see the directory of the master.
You also have to create a vhost.conf for the master be able to see the slave site directory.

This is part of the Plesk administration.

See the openbase_dir that add protection on the directories that can be accessed by each domain.

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## Re:Linking to images in specific directory for slave

Posted by myathleticresume - 2010/12/30 19:38

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Ok Edwin, thanks for the help. I've given up on trying to make Plesk work and moved the site to a new server that runs cPanel. Everything works perfectly here using Addon Domains. I can now link properly to independent image directories for each site.

Looking around the forums, it seems that I'm not the only one who has had this issue on Plesk servers. While the JMS solution itself works fine on Plesk, trying to use some of the more advanced features such as isolated image directories are either not possible, or require a significant amount of work (and expense). This is not a criticism of the multisites component, as it is extremely powerful and well-designed, however there should be some notes made in the documentation, the JED, and on this site that it performs much better on cPanel servers than trying to run under Plesk. A simple line or two about this issue somewhere would have saved me countless hours of frustration over the past several months of setting up the two sites I'm using this component on.

With that said, thanks very much for your help in getting this sorted out.

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## Re:Linking to images in specific directory for slave

Posted by edwin2win - 2010/12/30 23:00

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Thank you for the advise.
Happy new year

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## Re:Linking to images in specific directory for slave

Posted by jamiegee - 2011/07/12 20:02

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Edwin,

I need to do exactly this to solve some folder permission problems across all my slaves. I searched for the appendix II you mentioned but couldn't find it - please help

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## Re:Linking to images in specific directory for slave

Posted by edwin2win - 2011/07/12 23:00

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If you make reference to Plesk Appendix that you don't find in the help, perhaps you can search for the vhost.conf
Perhaps that Plesk revamp the help and that is changed of place.
Here it is a link on the Plesk website where you can find the help appendix A
http://download1.parallels.com/Plesk/Plesk7.5/Doc/plesk-7.5r-admins-guide.pdf

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