
Subject: Filepicker - getDir()

Posted by [htManager](#) on Mon, 23 Mar 2020 21:11:41 GMT

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I have problems with some filepicker tasks because of the DIRECTORY_SEPARATOR in an XAMPP installation on my notebook. Some of the tasks work fine but some use the '\' as separator in front of the picture file and so is in line 120 in the std.filepicker1.inc no correct filepath found and an error will be generated. I use the same directory where the pictures are stored for the tasks which work and for those which fail. Do I have to take attention to something special?

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Tue, 24 Mar 2020 09:40:01 GMT

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Line 120 is as follows:

```
$fileobject->picker_child_dir = $subdir.DIRECTORY_SEPARATOR.$_GET['select'];
```

Note that DIRECTORY_SEPARATOR is a predefined constant which is set automatically to either '\' or '/' depending on your operating system. If you have a path which cannot be found does it contain other separators which are invalid for that OS?

Subject: Re: Filepicker - getDir()

Posted by [htManager](#) on Tue, 24 Mar 2020 11:56:34 GMT

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This is the value of \$subdir.DIRECTORY_SEPARATOR.\$_GET['select'] in xampp:

```
C:\xampp\htdocs\radicore\includes\std.filepicker1.inc:121:st ring  
'pictures/training_uebungen\000006_HTM001000003a.jpg' (length=51)
```

In line 133 you replace the '\' with '/'. Could this be the problem here, too?

The error message on my linux host is:

```
Fatal Error: Method 'getDir' does not exist in standard object (# 256)  
Error in line 12066 of file '/var/www/vhosts/mgh-saar.de/includes/std.table.class.inc'.  
PHP_SELF: /htmanager/htm/orga_tests_grafik_02(filepicker).php  
CURRENT DIRECTORY: /var/www/vhosts/mgh-saar.de/htmanager.de/htmanager/htm  
REQUEST_URI: /htmanager/htm/orga_tests_grafik_02(filepicker).php?session_  
name=menu3&select=000006_HTM001000007.JPG
```

Inserting from the same directory works fine with an other task.

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Wed, 25 Mar 2020 10:54:39 GMT

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Windows can use either '\' or '/' as the directory separator whereas linux will only allow '/', so the code which converts '\' to '/' is not an issue.

Your actual problem is shown in the message "Method 'getDir' does not exist in standard object" which means that I did not include the updated version of std.table.class.inc in my last release. I have attached the latest version to this message.

File Attachments

1) [std.table.class.zip](#), downloaded 698 times

Subject: Re: Filepicker - getDir()

Posted by [htManager](#) on Thu, 26 Mar 2020 09:00:48 GMT

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Thank you for applying the new std.table.class.inc. Could it be that the include.session.inc has to be updated too?

I get the following error message:

```
Fatal Error: Uncaught exception from Error, message = Call to undefined function array2string(),
code=0, file=C:\xampp\htdocs\radicore\includes\std.table.class.inc, line=5855, file =
C:\xampp\htdocs\radicore\includes\include.session.inc
line = 212
function = popupCall
class = Default_Table
```

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Thu, 26 Mar 2020 09:29:29 GMT

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Whoops! :blush: I forgot that I had also updated file include.library.inc, so here is the latest copy.

File Attachments

1) [include.library.zip](#), downloaded 682 times

Subject: Re: Filepicker - getDir()

Posted by [htManager](#) on Thu, 26 Mar 2020 11:31:00 GMT

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Thank you very much. The pouUp is now working.

Now I have the problem that the complete path is inserted in the table. Do I have to change something in the _cm_initialiseFilePicker() method? Normally only the subdir and the image name

is stored.

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Fri, 27 Mar 2020 09:58:07 GMT
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If you want to store only the file name in the database and not the full path then you should use code similar to this:

```
$filename = basename($filepath);
```

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Fri, 27 Mar 2020 16:55:15 GMT
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Where do I have to place this code?

By now I only identified the subdir in `_cm_initialiseFilepicker()`

```
// identify the subdirectory which contains the files  
$this->picker_subdir = 'pictures/training_uebungen';
```

Do I have to store the code here in the `_cm_initialiseFilepicker()`

```
$filename = basename($filepath);
```

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Fri, 27 Mar 2020 18:00:05 GMT
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You need to use that code after a file has been picked but before it is added to the database. This is definitely not the `_cm_initialiseFilepicker()` method.

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Fri, 27 Mar 2020 20:43:23 GMT
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I thought that it would be in the `_cm_filePickerSelect ($selection)` method, but the selection will not be shown in this method. Where would it be best?

In the filepicker selection screen you can't see the images anymore. See attached screenshots.

File Attachments

1) [filepicker.jpg](#), downloaded 2111 times

The screenshot shows a web browser window with the address bar displaying `localhost/radicore/htm/orga_tests_grafik_02(filepicker).php?csrf_id=5e7f19`. The user is logged in as Juergen Hartz (HVS). The navigation menu includes: Kontakt-Pool, Kontakte, Ausrüstung, Tests, Verbände..., and My htManager. The breadcrumb trail is: Home » Orga » Mannschaften Eigene » Orga Mannschaften Tests » Ändern » File Picker. The page title is **orga_tests File Picker**. Below the title are two buttons: 'Grafik hochladen' and 'Suchen'. A table with the header 'File Name' contains the following files:

File Name
000006_HTM001000001.JPG
000006_HTM001000002b.JPG
000006_HTM001000003a.jpg
000006_HTM001000003c.jpg

This screenshot is identical to the one above, showing the same File Picker interface. The list of files in the table is:

File Name
000006_HTM001000001.JPG
000006_HTM001000002b.JPG
000006_HTM001000003a.jpg
000006_HTM001000003c.jpg
000006_HTM001000007.JPG
000006_HTM001000009.JPG
000006_HTM001000016.jpg
000006_HTM001000004.JPG

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Sat, 28 Mar 2020 09:20:05 GMT

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When the filepicker task exits and returns its selection to the task which called it.

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Sat, 28 Mar 2020 09:56:38 GMT
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Sorry, but I don't understand how to handle this.

I have an upd1 task (htm_orga_mannschaften_tests(upd1)) to open a detail screen in which I have a filepicker control with a filepicker task (htm_orga_tests_grafik_01(filepicker)).

"When the filepicker task exits" means that there must be in orga_mannschaften_tests.class.inc a method where I can change the selected string? But I have no idea which method this could be.

Have you read my complement and seen the screenshot?

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Sun, 29 Mar 2020 09:26:51 GMT
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When the filepicker task exits it returns control to the task which activated it. Upon return to this task the _cm_popupReturn() method is activated which then makes the selection available to that task.

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Sun, 29 Mar 2020 13:12:33 GMT
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I can handle it now. Thank you.

But \$filename = basename(\$filepath) returns only the name of the picture without the 'picker_subdir'. I do now extend \$filename with the value of 'picker_subdir' (pictures/training_uebungen/) manually hardcoded. Even storing the value of 'picker_subdir' in \$GLOBALS['picker_subdir'] = 'pictures/training_uebungen' doesn't work. When retrieving it in _cm_popUpReturn() it is empty.

Is there a possibility to get the value of 'picker_subdir'?

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Mon, 30 Mar 2020 08:53:14 GMT
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\$picker_subdir is defined as a class property within std.table.class.inc so should be addressed as \$this->picker_subdir. Its value is usually loaded in the _cm_initialiseFilePicker() method, but can also be loaded in the _cm_initialise() method.

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Mon, 30 Mar 2020 14:48:16 GMT
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Tony, I don't know what it is wrong with my application. I initialized the picker directories in the same way you did in the prototype applications. But it fails.
I looked in xample and in survey and in both application the icons are not correct shown in the picker screen and you can't them choose. See attached file.
I changed the include directory to that from version 2.13.0 and everything works fine. Can it be that there is a problem with the new version 2.14.0?

File Attachments

1) [filepicker.jpg](#), downloaded 2061 times

The screenshot shows a web browser window with the address bar displaying `localhost/radicore/xample/x_person(filepicker).php?csrf_id=5e8203726a45`. The user is logged in as "Juergen Hartz". Below the login name are several tabs: "Person", "Person (Multi5)", "Option", "Person Type", "Tree Type", and "test_autoincrement". A breadcrumb trail reads: Home » Prototypen » Example System » List Person » Update » Choose Picture. The main heading is "Choose Person Picture". Below this are two buttons: "Upload Picture" and "Search". A table is visible with a single header row labeled "File Name". At the bottom left, there is a button labeled "CHOOSE NULL".

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the attached script which goes into the \survey\screens\en\ directory.

File Attachments

1) [filepicker.list.screen.inc](#), downloaded 705 times

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Tue, 31 Mar 2020 09:26:15 GMT

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When you say that something is wrong, what exactly is wrong? What is the contents of the \$selection argument in _cm_popupReturn() when you return from making a selection in the filepicker screen?

Subject: Re: Filepicker - getDir()

Posted by [htManager](#) on Tue, 31 Mar 2020 13:31:58 GMT

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In V 2.13.0 the \$select_array returns: string
'pictures/training_uebungen/000006_HTM001000002b.JPG' where pictures/training_uebungen/ is the value of \$this->picker_subdir, initialised in _cm_initialiseFilePicker(). The icons in filepicker screen are shown correctly.

In V 2.14.0 the \$select_array returns: string
'C:/xampp/htdocs/radicore/htm/pictures/training_uebungen/000 006_HTM001000009.JPG'. The icons in filepicker screen aren't shown correctly.

Subject: Re: Filepicker - getDir()

Posted by [AJM](#) on Wed, 01 Apr 2020 09:37:51 GMT

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It would appear that somewhere in the processing I changed the relative path to an absolute path, so I will fix this in the next release which will follow shortly. In the meantime you can try the following code in the _cm_popupReturn() method:
\$selection = \$this->picker_subdir .'/' .basename(\$selection);

Subject: Re: Filepicker - getDir()

Posted by [htManager](#) on Wed, 01 Apr 2020 13:47:38 GMT

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The problem seems to be that \$this->picker_subdir is empty. If I use "\$selection = \$this->picker_subdir .'/' .basename(\$selection);" I get: "/whatever.jpg"

I think, I will wait for the new release. Version 2.13.0 is working fine for me.

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Thu, 02 Apr 2020 09:00:34 GMT
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\$this->picker_subdir can be set in either _cm_initialiseFilePicker() or in _cm_initialise().

Subject: Re: Filepicker - getDir()
Posted by [htManager](#) on Fri, 03 Apr 2020 08:03:19 GMT
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I installed Version 2.15.0 and as far as I can see, everything works fine for me again. Thank you.
What did you change to solve this problem?

Subject: Re: Filepicker - getDir()
Posted by [AJM](#) on Fri, 03 Apr 2020 08:39:06 GMT
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For some reason I had used the realpath() function to turn the relative path into an absolute one.
This turned out to be a mistake :blush: so I reverted the code.
