Core - Bug # 62074

Status:	Closed	**Priority:**	Must have
Author:	Franz Holzinger	**Category:**	
Created:	2014-10-07	**Assigned To:**	
Updated:	2015-02-05	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	5.5
Complexity:	
Is Regression:	No
Sprint Focus:	

Subject:	Calculated absolute path to tslib directory does not exist.

Description

I started a fresh empty installation with TYPO3 6.2.5. The installation has been done automatically based on the file FIRST_INSTALL.

The Frontend only shows:

Calculated absolute path to tslib directory does not exist.

```
drwxrwsrwx  4 www-data www-data 4096 Okt  7 11:37 fileadmin
lrwxrwxrwx  1 user  user    15 Okt  7 10:33 index.php -> typo3/index.php
lrwxrwxrwx  1 user  user    15 Okt  6 22:05 typo3 -> typo3_src/typo3
drwxrwsr-x  4 www-data www-data 4096 Okt  7 11:10 typo3conf
lrwxrwxrwx  1 user  user    15 Okt  6 22:04 typo3_src -> typo3_src-6.2.5
drwxrwxrwx  3 user  user  4096 Sep 23 15:33 typo3_src-6.2.5
drwxrwsr-x 13 www-data www-data 4096 Okt  7 11:37 typo3temp
drwxrwsr-x  5 www-data www-data 4096 Okt  7 11:07 uploads
root@Server-Ubuntu-64 /home/user/public_html/typo3 # pwd
/home/user/public_html/typo3
```

The new site has the example setup:

```
# Default PAGE object:
page = PAGE
page.10 = TEXT
page.10.value = HELLO WORLD!
```

I did not install any extensions by myself. Only the first installation process did install them.

Related issues:

related to Core - Feature # 62089: error message: Wrong symbolic link to inde...	**Resolved**	**2014-10-07**

History

#1 - 2014-10-07 12:40 - Markus Klein

Can you please try to move the "typo3_src-6.2.5" one level up and tell us, if this changes something?

#2 - 2014-10-07 13:29 - Franz Holzinger

I have moved the TYPO3 source a directory level up:

```
root@Server-Ubuntu-64 /home/user/public_html/typo3 # mv typo3_src-6.2.5 ..
root@Server-Ubuntu-64 /home/user/public_html/typo3 # rm typo3_src
root@Server-Ubuntu-64 /home/user/public_html/typo3 # ln -s ../typo3_src-6.2.5 typo3_src

root@Server-Ubuntu-64 /home/user/public_html/typo3 # ls -l
total 16
drwxrwsrwx  4 www-data www-data 4096 Okt  7 11:44 fileadmin
lrwxrwxrwx  1 user  user    15 Okt  7 10:33 index.php -> typo3/index.php
lrwxrwxrwx  1 user  user    15 Okt  6 22:05 typo3 -> typo3_src/typo3
drwxrwsr-x  4 www-data www-data 4096 Okt  7 11:10 typo3conf
lrwxrwxrwx  1 user  user    18 Okt  7 13:25 typo3_src -> ../typo3_src-6.2.5
drwxrwsr-x 13 www-data www-data 4096 Okt  7 11:37 typo3temp
drwxrwsr-x  5 www-data www-data 4096 Okt  7 11:07 uploads
```

Still the same error.

#3 - 2014-10-07 14:43 - Markus Klein

alright, then you need some debugging what is wrong with your environment.

typo3/sysext/core/Classes/Core/SystemEnvironmentBuilder.php
method definePaths()

at the end add:
die(PATH_site . ';' . TYPO3_mainDir);

#4 - 2014-10-07 14:58 - Franz Holzinger

The result is:

```
/home/user/public_html/;typo3/
```

```
ls -l /home/user/public_html/typo3/typo3/sysext/core/Classes/Core/SystemEnvironmentBuilder.php
-rwxrwxrwx 1 user user 19937 Okt  7 14:56 /home/user/public_html/typo3/typo3/sysext/core/Classes/Core/SystemEnvironmentBuilder.php
```

The TYPO3 root should be here:

```
/home/user/public_html/typo3/
```

#5 - 2014-10-07 15:28 - Markus Klein

So PATH_site is wrong, what do you have for PATH_thisScript?

#6 - 2014-10-07 15:58 - Alexander Opitz

As written in #53037 you seam to have a broken linkages.

    lrwxrwxrwx 1 user user   15 Okt 7 10:33 index.php -> typo3/index.php

The index.php should link to typo3_src/index.php

#7 - 2014-10-07 16:00 - Alexander Opitz

ls from my test system:

    drwxrws--- 10 www-data www-data 4096 Sep 26 09:51 fileadmin
    lrwxrwxrwx 1 opitz   www-data   19 Okt 14 2013 index.php -> typo3_src/index.php
    lrwxrwxrwx 1 opitz   www-data   15 Okt 14 2013 typo3 -> typo3_src/typo3
    drwxrws--- 5 opitz   www-data 4096 Sep 26 09:51 typo3conf
    drwxrwxr-x 4 opitz   www-data 4096 Okt 6 17:22 typo3-src
    drwxrws--- 16 opitz   www-data 28672 Sep 26 09:51 typo3temp

#8 - 2014-10-07 16:00 - Franz Holzinger

I get this:

    PATH_thisScript: /home/user/public_html/typo3/index.php

Yes, the link to index.php is wrong.

    index.php -> typo3/index.php

instead of

    index.php -> typo3_src/index.php

After changing this, I get:

    HELLO WORLD!

The error message should point out this information:
Wrong symbolic link to index.php.

#9 - 2014-10-07 16:59 - Michael Stucki

That's not a bug, you just set the symlink wrong. Please close the issue. If you like to throw a warning in such a case, consider it as a new feature.

#10 - 2014-10-07 17:09 - Alexander Opitz

- Status changed from New to Closed

We can't know what the issue is behind the scene so no other error message IMHO => closed.

#11 - 2014-10-08 00:25 - Markus Klein

See #62089 for a possible solution.

#12 - 2015-02-02 16:34 - Alfred Bez

I have the same error message, but only when I run

    php typo3/cli_dispatch.phpsh whatever

ls:

    drwxr-xr-x 10 p123456789 users 4096 2. Feb 15:33 fileadmin
    lrwxrwxrwx 1 p123456789 users   19 24. Nov 13:50 index.php -> typo3_src/index.php
    lrwxrwxrwx 1 p123456789 users   15 24. Nov 13:50 typo3 -> typo3_src/typo3
    drwxr-xr-x 4 p123456789 users 4096 2. Feb 15:33 typo3conf
    lrwxrwxrwx 1 p123456789 users   15 10. Dez 17:21 typo3_src -> typo3_src-6.2.9
    drwxr-xr-x 3 p123456789 users 4096 28. Jan 22:03 typo3_src-6.2.9
    drwxr-xr-x 15 p123456789 users 4096 2. Feb 15:33 typo3temp
    drwxr-xr-x 12 p123456789 users 4096 2. Feb 15:33 uploads

Error message:

    php typo3/cli_dispatch.phpsh crawler
    X-Powered-By: PHP/5.5.18
    Content-type: text/plain

    Calculated absolute path to tslib directory does not exist.

    Something in the main file, folder and link structure is wrong and must be fixed! A typical document root contains a couple of symbolic links:
    * A symlink "typo3_src" pointing to the TYPO3 CMS core.
    * A symlink "typo3" - the backend entry point - pointing to "typo3_src/typo3"
    * A symlink "index.php" - the frontend entry point - points to "typo3_src/index.php"

It's a project with one website (3 languages and more than 130 Pages), TYPO3 v6.2.9.

#13 - 2015-02-02 17:22 - Alexander Opitz

Hi Alfred,

and the directory typo3_src-6.2.9 is a clean checkout? Or did you symlink something else in it?
Can you post the response of ls inside this directory?

Is it a new install or an update and it worked before?

#14 - 2015-02-03 08:56 - Alfred Bez

Hi Alexander,

ls:

    insgesamt 1568
    drwxr-xr-x 3 p123456789 users   4096 28. Jan 22:03 ./
    drwxr-xr-x 9 p123456789 users   4096 2. Feb 17:00 ../
    -rw-r--r-- 1 p123456789 users 1512722 10. Dez 11:45 ChangeLog
    -rw-r--r-- 1 p123456789 users   3816 10. Dez 11:45 composer.json
    -rw-r--r-- 1 p123456789 users   691 10. Dez 11:45 .editorconfig
    -rw-r--r-- 1 p123456789 users   5472 10. Dez 11:45 _.htaccess
    -rw-r--r-- 1 p123456789 users   921 10. Dez 11:45 index.php
    -rw-r--r-- 1 p123456789 users   9479 10. Dez 11:45 INSTALL.md
    -rw-r--r-- 1 p123456789 users   18425 10. Dez 11:45 LICENSE.txt
    -rw-r--r-- 1 p123456789 users   9420 10. Dez 11:45 NEWS.md
    -rw-r--r-- 1 p123456789 users   5578 10. Dez 11:45 README.md
    drwxr-xr-x 9 p123456789 users   4096 2. Feb 16:14 typo3/
    p123456789:/home/www/p123456789/html/typo3/typo3_src-6.2.9 >

It is a new install.

#15 - 2015-02-03 10:02 - Markus Klein

@Alfred: Please check if your PHP configuration for CLI differs from the WEB configuration somehow.

#16 - 2015-02-03 10:03 - Alexander Opitz

Hi Alfred,

hmmm looks ok so far. So something else must happen.

Can you please edit a file:

/typo3/sysext/core/Classes/Core/SystemEnvironmentBuilder.php

Around line 184 should be something like:

```
if (!is_dir(PATH_tslib)) {
    static::dieWithMessage('Calculated absolute path to tslib directory does not exist.' . LF . LF
        . 'Something in the main file, folder and link structure is wrong and must be fixed! A typical document root contains a couple of symbolic
links:' . LF
        . '* A symlink "typo3_src" pointing to the TYPO3 CMS core.' . LF
        . '* A symlink "typo3" - the backend entry point - pointing to "typo3_src/typo3"' . LF
        . '* A symlink "index.php" - the frontend entry point - points to "typo3_src/index.php"');
}
```

can you please add before *static::dieWithMessage* following:

```
var_dump(PATH_thisScript, PATH_site);
```

Then you will see, witch path TYPO3 thinks he is in?

#17 - 2015-02-03 10:07 - Alfred Bez

@Alexander

```
string(18) "/usr/local/bin/php"
string(9) "/usr/loca"
```


#18 - 2015-02-03 12:20 - Alexander Opitz

Oh, that's very false.
What does

```
php -v
```

outputs?

And does it work by running the command like

```
./typo3/cli_dispatch.phpsh bla
```

(Without the "php" on command line.)

#19 - 2015-02-03 12:57 - Alfred Bez

```
~ > php -v
PHP 5.5.18 (cgi-fcgi) (built: Oct 24 2014 11:13:40)
Copyright (c) 1997-2014 The PHP Group
```

Zend Engine v2.5.0, Copyright (c) 1998-2014 Zend Technologies

p123456789:/home/www/p123456789/html/typo3 > ./typo3/cli_dispatch.phpsh bla
This script must have a 'cliKey' as first argument. Valid keys are:

    extbase
    lowlevel_admin
    lowlevel_cleaner
    lowlevel_refindex
    scheduler

X-Powered-By: PHP/5.5.18
Content-type: text/html

There is no difference when I change **bla** to **scheduler**...

#20 - 2015-02-03 13:20 - Alexander Opitz

So you are using the php for cgi and not cli. Du you have an executable called php5-cli?

If not, what system are you running? Is the PHP self compiled or installed from a package?

#21 - 2015-02-05 11:05 - Alfred Bez

I have an executable called **php_cli**

    p123456789:/usr/local/bin > l php*
    lrwxrwxrwx 1 mw mw 14 24. Nov 13:46 php -> ../php/bin/php*
    lrwxrwxrwx 1 mw mw 18 24. Nov 13:46 php_cli -> ../php/bin/php_cli*

#22 - 2015-02-05 11:09 - Alexander Opitz

And what does *php_cli -v* response? Does *php_cli ./typo3/cli_dispatch.phpsh scheduler* works?

#23 - 2015-02-05 11:23 - Alfred Bez

    p123456789:~ > php_cli -v
    PHP 5.5.18 (cli) (built: Oct 24 2014 11:13:29)
    Copyright (c) 1997-2014 The PHP Group
    Zend Engine v2.5.0, Copyright (c) 1998-2014 Zend Technologies
    p123456789:~ > php -v
    PHP 5.5.18 (cgi-fcgi) (built: Oct 24 2014 11:13:40)
    Copyright (c) 1997-2014 The PHP Group
    Zend Engine v2.5.0, Copyright (c) 1998-2014 Zend Technologies

Looks like *php_cli ./typo3/cli_dispatch.phpsh scheduler* works:

    p123456789:/home/www/p123456789/html/typo3 > php_cli ./typo3/cli_dispatch.phpsh scheduler
    p123456789:/home/www/p123456789/html/typo3 >

#24 - 2015-02-05 13:57 - Alexander Opitz

Fine if this works. :-)

#25 - 2015-02-05 14:25 - Alfred Bez

thanks for your help