
Subject: `_cm_post_getData`
Posted by [interop](#) on Fri, 14 Sep 2007 16:40:53 GMT
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This may be a bug but I'm not sure so I'll put it here.

The `_cm_post_getData` is not getting called sometimes. I think it is only in classes which do not directly inherit from `Default_table`. i.e., `dict_table_s02`.

It appears as though `getEntryPoint()` may be the cause. On line 1053 of `std.table.class.inc` `getEntryPoint()` returns null and prevents the call to `_cm_post_getData`.

This prevents `dict_table_s02` from writing my dictionary files when exporting tables to php.

Can you reproduce this problem?

version 1.28.0, php5, mysql5

Subject: Re: `_cm_post_getData`
Posted by [AJM](#) on Fri, 14 Sep 2007 17:34:14 GMT
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Very strange. I have just tried this with PHP 5.2.4 and MySQL 5.0.45 on Windows XP without any problems. It also works with PHP 4.4.7 and MySQL 4.1.22

Can you step through `getEntryPoint()` to see where it is going wrong? It is supposed to step backwards through `debug_backtrace()` to find the first method used to access the current class.

Subject: Re: `_cm_post_getData`
Posted by [interop](#) on Fri, 14 Sep 2007 18:45:05 GMT
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If it matters I'm using linux OS

Here are the values I get while in `getEntryPoint()` during the "export table to php" procedure

```
$classname = 'dict_table_s02'  
$parentclass = 'dict_table'
```

```
$array[0]['file'] = '...std.table.class.inc'  
$array[0]['function'] = 'getEntryPoint'  
$array[0]['class'] is not set  
$array[0]['type'] is not set
```

```
$array[1]['file'] = '...std.update4.inc'
```

```
$array[1]['function'] = 'getData'  
$array[1]['class'] = 'Default_Table'  
$array[1]['type'] = '->'
```

```
$array[2]['file'] = '...table_export.php'  
$array[2]['function'] = 'require_once'  
$array[2]['class'] is not set  
$array[2]['type'] is not set
```

'type' is only set for \$array[1] so this is the only entry that gets checked and \$array[1]['class'] doesn't match \$classname or \$parentclass so \$method never gets set.

I verified that I did upgrade include.general.inc to version 1.28.0 but here's getEntryPoint() in case:

```
function getEntryPoint ($object)  
// get the name of the first method that was used to access the specified object.  
{  
    if (is_object($object)) {  
        // get class name for the current object  
        $classname = get_class($object);  
        $parentclass = get_parent_class($object);  
    } else {  
        // assume input is a string  
        $classname = $object;  
        $parentclass = "";  
    } // if  
  
    $method = null;           // initialise  
    $array = debug_backtrace(); // get trace data  
  
    // start at the end of the array and move backwards  
    for ($i = count($array)-1; $i >= 0; $i--) {  
        // is this entry for a method call?  
        if (isset($array[$i]['type'])) {  
            if ($array[$i]['class'] == $classname) {  
                $method = $array[$i]['function'];  
                break;  
            } // if  
            if ($array[$i]['class'] == $parentclass) {  
                $method = $array[$i]['function'];  
                break;  
            } // if  
            if (isset($array[$i]['object'])) {  
                if (is_a($array[$i]['object'], $classname)) {  
                    $method = $array[$i]['function'];  
                    break;  
                } // if  
                if (is_a($array[$i]['object'], $parentclass)) {
```

```
        $method = $array[$i]['function'];
        break;
    } // if
} // if
// if ($array[$i]['class'] != 'Default_Table') {
//     if (is_subclass_of($object, $array[$i]['class'])) {
//         $method = $array[$i]['function'];
//         break;
//     } // if
// } // if
// } // if
} // for

return $method;

} // getEntryPoint
```

Subject: Re: `_cm_post_getData`
Posted by [AJM](#) on Fri, 14 Sep 2007 20:26:57 GMT
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The problem lies in the line

```
$array[1]['class'] = 'Default_Table'
```

This should be reporting 'dict_table_s02' instead, which is the name of the current class.

'dict_table_s02' extends 'dict_table' which extends 'Default_Table'.

It is 'dict_table_s02' which is being accessed from 'std.update4.inc', so neither 'dict_table' nor 'Default_Table' should appear in this array at all.

Which version of PHP are you running? Are you using Zend Accelerator?

Subject: Re: `_cm_post_getData`
Posted by [AJM](#) on Fri, 14 Sep 2007 20:56:21 GMT
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If you are running PHP5 can you do 'print_r(\$array)' just after the call to `debug_backtrace`. There should be an entry which reads
[object] => dict_table_s02 Object

This should then be detected with the lines

```
if (is_a($array[$i]['object'], $classname)) {  
    $method = $array[$i]['function'];  
    break;  
} // if
```

Subject: Re: `_cm_post_getData`
Posted by [interop](#) on Mon, 17 Sep 2007 19:19:42 GMT
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I'm running php 5.1.1 and the Zend Optimizer.

With zend optimizer installed I don't get the 'object' entry. When I uninstall the zend optimizer everything works fine.

thanks

Subject: Re: `_cm_post_getData`
Posted by [AJM](#) on Mon, 17 Sep 2007 21:03:27 GMT
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This is not the first time that the Zend Optimiser has been the cause of an obscure problem. If you were running the latest version I suggest you report this to Zend as a bug.