Unclear documentation of console.php | Tiki Wiki CMS Groupware :: Development

Unclear documentation of console.php

Status

● Open

Subject

Unclear documentation of console.php

Version

21.x Regression

Category

- Documentation (or Advocacy)

Feature

Console / Command Line

Resolution status

New

Submitted by

hman

Lastmod by

hman

Rating

★ ★ ★ ★ ★ (0) ❓

Description

I had to break in in my test installation of Tiki 21.4 (set a temp admin pw I did not write down in my keepass).

For this scenario, there is a documentation available at https://doc.tiki.org/Lost-admin-password

First, this document lacks the information, that console.php of a Tiki 21.4 needs to be run on at least PHP 7.1. That is not the default with every ISP, and it isn't with mine (Ionos/1&1, second largest hoster in Germany). If invoked as recommend this will yield:

Parse error: syntax error, unexpected T_STRING, expecting T_CONSTANT_ENCAPSED_STRING or '(' in MYHOMEDIR/agim/tiki-21.4/console.php on line 9

Workaround is easy, in my case, the invokation of PHP needs to be "php7.1" instead of "php". But that's dependant on a users's ISP. But I think you should state the PHP level necessary.

But invoked as PHP 7.1, console.php still won't reset the admin pw, and only yields:

Only available through command-line.

This WAS run on a command line... Inspection of console.php shows an, IMHO, unreliable CLI detection mechanism. Line 21 reads:

```
if (http_response_code() !== false) { die('Only available through command-line.'); }
```

So http_response_code() is assumed to be false, if run on a command line. A quick test script:

```
<?php var_dump(http_response_code()); ?>
```

yields this:

```
int(200)
```

This is in line with the PHP documentation, which says on https://www.php.net/manual/de/function.http-response-code.php

"If response_code is provided, then the previous status code will be returned. If response_code is not provided, then the current status code will be returned. Both of these values will default to a 200 status code if used in a web server environment.

false will be returned if response_code is not provided and it is not invoked in a web server environment (such as from a CLI application). true will be returned if response_code is provided and it is not invoked in a web server environment (but only when no previous response status has been set). "

As I started both scripts definitely on a command line (Linux bash window running commandline SSH!) either PHP's detection is disturbed by something, or it only tests for the *presence* of a web server. This environment of course contains a web server (every Tiki installation will have that), but no distinction as to that HOW php got started (invocation on CLI or invocation by Apache) is done, so it defaults to 200.

So another, more reliable detection mechanism is needed here.

Thanks

Importance
    3
Easy to solve?
    9
Priority
    27
Demonstrate Bug (Tiki 19+)
    Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Ticket ID
    8170

Created
    Sunday 07 August, 2022 15:09:58 GMT-0000
    by hman

LastModif
    Sunday 07 August, 2022 22:09:43 GMT-0000

Comments

hman 07 Aug 22 15:34 GMT-0000

Hm, even after temporarily disabling the unreliable CLI detection, console.php doesn't reset the pw and only outputs

    Status: 302 Found location: tiki-install.php

hman 07 Aug 22 16:30 GMT-0000

Close inspection as to where php7.1 actually points to reveals a surprise: console.php's CLI detection isn't faulty, actually my ISP in their infinite wisdom decided to link to php-cgi 😦

    ls -al /usr/local/bin/php* lrwxrwxrwx 2 root root 24 Mär 29 13:24 /usr/local/bin/php7.1 -> ../../lib/cgi-bin/php7.1

So console.php must be started really different:

    /usr/bin/php7.1

But still it doesn't reset the admin pw! I found out that actually PHP 7.3 is needed, resulting in

    /usr/bin/php7.3 console.php users:password admin 12345

hman 07 Aug 22 17:22 GMT-0000

Changed the bug report's title to reflect that.

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at https://dev.tiki.org/item8170-Unclear-documentation-of-console-php