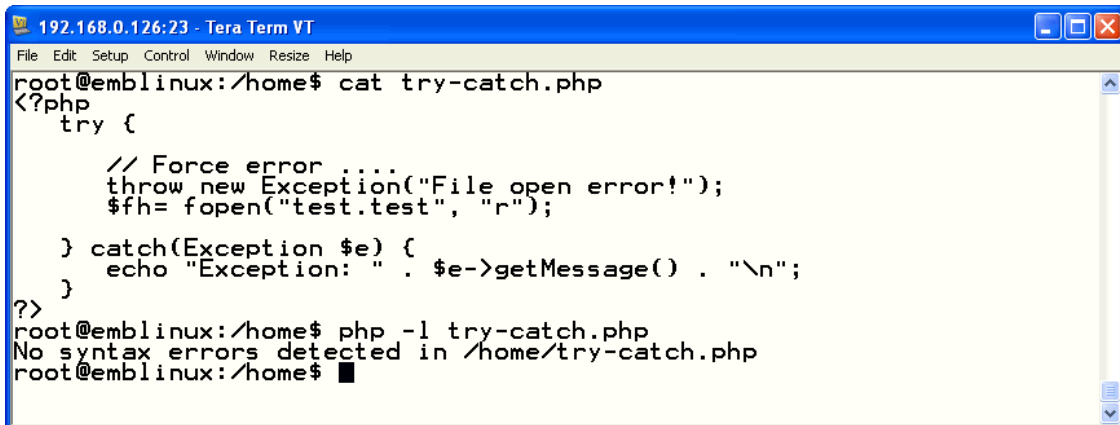


## How to avoid run time errors with command-line PHP

The System-on-Module eSOM/9263 PHP interpreter displays syntax and runtime errors embedded in HTML tags. Please watch the following two steps before writing a PHP application.

- **1. Step:** Make a syntax check (lint check) for each PHP file with the following command line:

```
php -l php_file_name.php
```



```
192.168.0.126:23 - Tera Term VT
File Edit Setup Control Window Resize Help
root@emblinux:/home$ cat try-catch.php
<?php
try {
    // Force error ....
    throw new Exception("File open error!");
    $fh= fopen("test.test", "r");
} catch(Exception $e) {
    echo "Exception: " . $e->getMessage() . "\n";
}
?>
root@emblinux:/home$ php -l try-catch.php
No syntax errors detected in /home/try-catch.php
root@emblinux:/home$ █
```

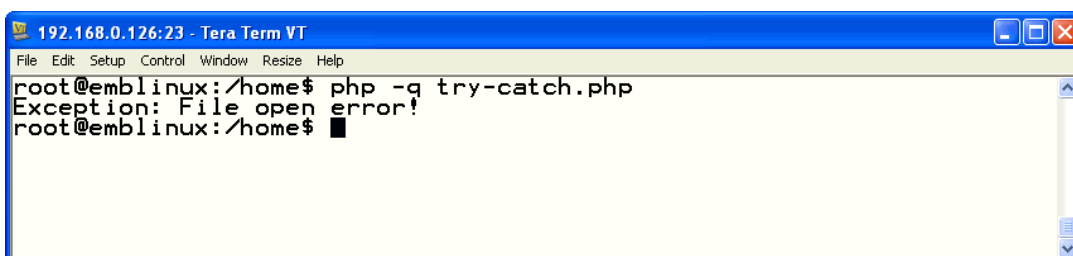
- **2. Step:** Use the PHP try-catch exception handling. The following PHP source code shows a sample for a file open. The exception occurs if the file is not existent.

```
<?php
try {

    // Force error ....

    throw new Exception("File open error!");
    $fh= fopen("test.test", "r");

} catch(Exception $e) {
    echo "Exception: " . $e->getMessage() . "\n";
}
?>
```



```
192.168.0.126:23 - Tera Term VT
File Edit Setup Control Window Resize Help
root@emblinux:/home$ php -q try-catch.php
Exception: File open error!
root@emblinux:/home$ █
```

That is all.