

## Re: GD, IMagick and Chinese words in utf-8

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*Source:* <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2008-05/msg01816.html>

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- *From:* ctx2002 <[ctx2002@xxxxxxxxxx](mailto:ctx2002@xxxxxxxxxx)>
  - *Date:* Fri, 30 May 2008 17:16:38 -0700 (PDT)
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On May 30, 9:33 pm, Sebastian.Paw...@xxxxxxxxxx wrote:

Hi,

I have a problem with Chinese words coded in utf-8. I need to display Chinese marks/words with use of GD or IMagick libs.

Chinese text that I need to display is written as plain text in .txt file. I'm not pasting that text inside code. When I'm using only read and echo in PHP. Everything looks fine:

example:

```
<?php
<html>
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8">
</head>
<body>
<?php
echo file_get_contents('text/3400-343A.txt');
?>
</body>
</html>
```

Result of that script is correctly displayed text.

Problems starts when I need to display that marks in GD

example:

```
<?php
$image = new Imagick();
$draw = new ImagickDraw();
$pixel = new ImagickPixel( 'gray' );
$image->newImage(800, 75, $pixel);
$pixel->setColor('black');
$text = file_get_contents('text/5FB4-5FFA.txt');
// $draw->setFont('fonts/ch.ttf');
$draw->setFontSize( 30 );
$image->annotateImage($draw, 10, 45, 0, $text);
$image->setImageFormat('png');
header ('Content-type: image/png; charset=utf-8');
```

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```
echo $image;  
?>
```

Only one thing that I'm getting are "?" marks. That font is some Chinese font in ttf, doesn't work with and without it. Quite the same problem appears when I try to use IMagick lib.

```
<?php  
header('Content-type: image/png; charset=utf-8');  
$im = imagecreatetruecolor(400, 20);  
$white = imagecolorallocate($im, 238, 238, 238);  
$black = imagecolorallocate($im, 21, 21, 21);  
imagefilledrectangle($im, 0, 0, 399, 29, $black);  
$text = file_get_contents('text/3400-343A.txt');  
$font = 'fonts/ch.ttf';  
imaggotext($im, 14, 0, 10, 16, $white, $font, $text);  
imagepng($im);  
imagedestroy($im);  
?>
```

I'm using here the same font, and I have the same result. Only "?" marks.  
Any ideas. Where I lose my self?

Seba

is your browser/OS support display chinese font?

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