Subject: Printing Î£ (Sigma) not possible in PDF
Posted by htManager on Tue, 31 Dec 2024 15:23:45 GMT
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I want to print the Î£ Sign in a pdf document but it won't be printed.

With var_dump($str = "\u{2211}"); the Î£ sign will be shown correctly. I use the Times font.

I read that the Times font supports the sigma character. Do I have to include an additional library? Or do I have to do something else?

Subject: Re: Printing Î£ (Sigma) not possible in PDF
Posted by AJM on Wed, 01 Jan 2025 09:37:22 GMT
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Where did you read that the Times font supports the sigma character? That is a unicode character, so you need a font that supports unicode.

If you take a look at GREEK CAPITAL LETTER SIGMA (U+03A3) Font Support you will see that the code for the SIGMA character is actually \u{03A3}

Subject: Re: Printing Î£ (Sigma) not possible in PDF
Posted by htManager on Wed, 01 Jan 2025 12:00:26 GMT
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I don't know where is my fault.

If I call the following php file, the â^' sign will be shown correctly in a pdf file.

```
<?php
 require('c:\xampp\htdocs\radicore\includes\tcpdf\tcpdf.php') ;
$pdf = new TCPDF();
$pdf->AddPage();
$pdf->SetFont('times', '', 16);
$pdf->Cell(40, 10, 'GroÃŸes Sigma: Î£'); // Funktioniert mit Unicode
or
$pdf->Cell(40, 10, 'GroÃŸes Sigma: ' . "\u{03A3}"); // Funktioniert mit Unicode
$pdf->Output();
?>
```

If I define a field in my report nothing will be shown. - array('field' => 'sigma', 'width' => 10, 'x' => 0); - $sigma = "\u{03A3}";
If I define a label with value "\u{03A3}", a ? will be shown. - array('label' => "\u{03A3}", 'width' => 10, 'x' => 0);

The value sigma will also be shown correctly if I output it in my class file with
var_dump("\u{03A3}");

Subject: Re: Printing Î£ (Sigma) not possible in PDF
Posted by AJM on Thu, 02 Jan 2025 11:27:20 GMT
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I tried running a test with the sigma character on my PC using the Times font and it displayed as '?' which is incorrect.

I tried running example_008.php in the TCPDF download as this demonstrates the ability to print numerous UTF-8 characters. I even added 'GroÃŸes Sigma: Î£' to the 'German (de)' entry in the examples/data/utf8test.txt file and it printed as it should. I noticed that the font used in that test was 'freeserif', so I changed the font in the RADICORE test to 'freeserif' and the sigma character displayed correctly. I even tried the 'freesans' font, and that displayed correctly as well.

It would appear that the 'Times' font will not display this character, so you will need to switch to a font that does.

Subject: Re: Printing Î£ (Sigma) not possible in PDF
Posted by htManager on Tue, 07 Jan 2025 08:52:20 GMT
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Thank you very much for the information. I will change this for myself. Now I know that and, above all, how to do it.
