

A PHP Bad Word / Vulgar Word Filter Script

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This is a simple file based bad word filter PHP function. The function offers a variety of options. You can choose how many letters of the bad word you wish to keep, which character you want to use as the badword "bleeper" as well as a rating for the bad word.

The bad words file would be formatted like this:

```
9badword
2another badword
7A bad word Phrase
7YetAnotherWord
```

The first character number is the bad word "rating" the higher the number the worse the word. This can be useful in say, a forum situation where a user can specify their bad word tolerance. So if I pass the function a bad word tolerance of 5, the function will only remove words with a tolerance rating higher than 5.

A sample function call would look like this:

```
$myString = "This is a sentence with some badwords, It is an example based on the Yetanotherword file above.";
echo filterBadWords($myString,"badwords.txt","*",1,3);
```

If our above badwords file was used for this string the output would result in:

This is a sentence with some b*****s, It is an example based on the Y***** file above.

Here is the function code:

<?PHP

```
function filterBadWords($str,$badWordsFile,$replaceChar="*", $showLetters=0,$rating=0){
    // check for the badwords file
    if(!is_file($badWordsFile)){
        echo 'ERROR: Could not find badwords file "'.$badWordsFile.'";
        exit;
    }
    else{
        //open or file as resource $handle
        $handle = fopen($badWordsFile,"r");
    }
    // while we're not at eof (End Of File) do this
    while(!feof($handle)){
        $badword = trim(fgets($handle)); // get the word from the file
        $word_rating = substr($badword,0,1); // get the badword "rating", word is in format 5myBadWord
        $badword = substr($badword,1); //take the rating off of the badword so we have just the badword left

        //if my word rating is greater than my exceptable level bleep it out
        if($word_rating>$rating){
            // look for and take out our bad word
            $str = eregi_replace($badword, substr($badword,0,$showLetters).sprintf("%".$replaceChar.(strlen($badword)-$showLetters)."s", NULL), $str);
        }
    }
}
```

```
//return our formatted string  
return $str;  
}
```

?>

Related Links

http://www.gr0w.com/articles/code/php_bad_words_filter/index.php