Subject: preg_replace operation distorts multibyte unicode characters
Posted by kong on Thu, 14 Jan 2016 00:11:16 GMT
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When a $where string includes multibyte characters such as Chinese, sometimes you will notice that the $where clause is not interpreted correctly.

This problem can traced back to the operation$where = trim(preg_replace("/\s+/", " ", $where)); // replace tabs and newlines with ' 'in function where2indexedArray ($where) in file include.library.inc.

Turns out that the /s criteria of the regex applies also to individual bytes of multibyte characters and when such a single byte meets /s criteria it would then be replaced with a "space byte", changing the multibyte character into something else. I solved this problem by adding the /u modifier to the regex: $where = trim(preg_replace("/\s+/u", " ", $where)); // replace tabs and newlines with ' '
For reference: http://www.regular-expressions.info/php.htmlQuote:If you want your regex to treat Far East characters as individual characters, you'll either need to use the mb_ereg functions, or the preg functions with the /u modifier.

Subject: Re: preg_replace operation distorts multibyte unicode characters
Posted by AJM on Thu, 14 Jan 2016 09:53:50 GMT
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Thanks for spotting that. I will include this change in the next release.