

Variable substitution to replace switch

Source: <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2007-05/msg02310.html>

- *From:* damezumari <jannordgreen@xxxxxxxxxx>
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<http://www.phpbuilder.net/columns/akent20000610.php3?page=5>

From this page I made this function to add time to a datetime

variable:

```
function addtime ($datetime, $add, $type)
{
// How to add time to $datetime (data type datetime) and return it as
datetime on the format 'Y-m-d H:i:s'
// example calls:
// $datetime = addtime ($datetime, 4, 'hours') // add 4 hours
// $datetime = addtime ($datetime, 2, 'months') // add 2 months
// $datetime = addtime ($datetime, 7, 'days') // add 1 week
// tested it with: die($now.<br />'.addtime($now, 4, 'months'));
// anomaly: adding 4 months to 2007-05-31 09:50:52 gave 2007-10-01
09:50:52. I would have preferred 2007-09-31 09:50:52
$timestamp = strtotime($datetime);
$date_time_array = getdate($timestamp);
$hours = $date_time_array['hours'];
$minutes = $date_time_array['minutes'];
$seconds = $date_time_array['seconds'];
$months = $date_time_array['mon'];
$days = $date_time_array['mday'];
$years = $date_time_array['year'];

switch ($type)
{
case 'hours':
$hours = $add + $hours;
break;
case 'minutes':
$minutes = $add + $minutes;
break;
case 'seconds':
$seconds = $add + $seconds;
break;
case 'months':
```

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```
$months = $add + $months;
break;
case 'days':
$days = $add + $days;
break;
case 'years':
$years = $add + $years;
break;
}
$timestamp = mktime($hours, $minutes, $seconds, $months, $days,
$years);
$newdatetime = date('Y-m-d H:i:s', $timestamp);
return ($newdatetime);
}
```

It works OK, but I would like to replace the switch statement with one statement a la:

```
&$type = &$type + $add;
```

Can that be done in php?

Regards,

Jan Nordgreen

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