quick_sort

WattmonOS 3.14+

Sort an array using the quick sort algorithm

Library

```
/lib/uphp/array.inc
```

Description

$array quick_sort (array $array_to_sort , int $method [, string $callback])

Sort an array by key, value or using a callback function

Parameters

$array_to_sort: Array to be sorted

$method: One of the following methods: ^TYPE^VALUE^DESCRIPTION^ | SORT_KEY | 0 | Sort an array by the key | | SORT_VALUE | 1 | Sort an array by the value | | SORT_FUNC | 2 | Sort an array using a callback function | ====Return Values==== **array** containing the sorted values

Example

Sort an array using a callback to look at the array elements. The array contains a sub-array for each element with the keys 'order' and 'name'.

```
<pre><?

$unsorted = array();
for ($i=0;$i<10;$i++) {
    $arr=array();
    $arr['order']=rand(0,100);
    $arr['name']='item'.$i;
    $unsorted[]=$arr;
}

function compare($a1,$a2) {
    if ($a1['order'] < $a2['order']) return 1;
    return 0;
```

```
}

$sorted = quick_sort($unsorted, SORT_FUNC,'compare');

print_r($sorted); // spew out the sorted array

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```

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