TYPO3.Surf - Bug # 47727

Status:	New	**Priority:**	Must have
Author:	Joachim Mathes	**Category:**	
Created:	2013-04-30	**Assigned To:**	
Updated:	2013-07-05	**Due date:**	
Subject:	Array merge in Workflow works not as expected		

Description

The method setTaskOptions() uses array_merge_recursive() to merge previously set options with current ones. The PHP documentation says: *If the input arrays have the same string keys, then the values for these keys are merged together into an array.* Thus, if you have more than one Application to deploy, options like typo3.surf:gitcheckout will be set like this:

```
array(3) {
  ["sha1"]=>
  array(2) {
    [0]=>
    NULL
    [1]=>
    NULL
  }
  ["tag"]=>
  array(2) {
    [0]=>
    NULL
    [1]=>
    NULL
  }
  ["branch"]=>
  array(2) {
    [0]=>
    NULL
    [1]=>
    NULL
  }
}
```

This will lead to an error in the gitcheckout task, eventually.

In my opinion setTaskOptions() should use PHP function array_replace_recursive().

History

#1 - 2013-07-05 11:48 - Irene Höppner

The reason for this can be found in the BaseApplication.

Here the options array values for the gitcheckout-Task are set to NULL, which causes the described problems with array_merge_recursive(). See also http://de1.php.net/manual/de/function.array-merge-recursive.php#109285.

You can workaround the problem by setting these options via the application:

```
$application->setOption('git-checkout-tag', '...');
$application->setOption('git-checkout-sha1', '...');
$application->setOption('git-checkout-branch', '...');
```

Having a look at the examples on php.net I don't think array_replace_recursive() is a good idea because previously set options might be overriden then.

Will add a patch for the BaseApplication.