

## TYPO3 Core - Bug #67449

### Slow backend for systems/users with high amounts of sys\_log entries

2015-06-15 09:44 - Nils Blattner

<b>Status:</b>	Rejected	<b>Start date:</b>	2015-06-15
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Morton Jonuschat	<b>% Done:</b>	0%
<b>Category:</b>	Performance	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	6.2.14	<b>Complexity:</b>	easy
<b>TYPO3 Version:</b>	6.2	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			
<b>Description</b>			
Hi there			
If a system/user has a lot of sys_log entries associated, the backend for that user becomes unbearably slow (20s+ for 250k entries). The reason behind this is a query in typo3/sysext/core/Classes/DataHandling/DataHandler.php:			
6.2.9 line 7313: \$res_log = \$GLOBALS['TYPO3_DB']->exec_SELECTquery('*', 'sys_log', 'type=1 AND userid=' . (int)\$this->BE_USER->user['uid'] . ' AND tstamp=' . (int)\$GLOBALS['EXEC_TIME'] . ' AND error<>0');			
Because there is no index over error, the query cannot be optimized properly. When adding an index over "error", the speed is improved dramatically (20s => 1s) and if I add an index over type, userid, tstamp and error, the query obviously is sped up even more dramatically (<0.01s).			
<pre>ALTER TABLE `sys_log` ADD INDEX `print_error_log` (`type`, `userid`, `tstamp`, `error`);</pre>			
Kind regards Nils			
<b>Related issues:</b>			
Related to TYPO3 Core - Bug #33532: TYPO3 Backend is too slow if sys_log tabl...		<b>Closed</b>	<b>2012-01-30</b>

### History

#### #1 - 2015-06-16 09:17 - Morton Jonuschat

- Category changed from Backend API to Performance
- Status changed from New to Needs Feedback
- Assignee set to Morton Jonuschat

Could you check if

```
ALTER TABLE `sys_log` ADD INDEX `print_error_log` (`userid`, `type`, `tstamp`);
```

helps to speeds up your query and if so, by how much?

This index would be a bit less specific but could be used by more queries in the backend.

#### #2 - 2015-08-21 11:44 - Morton Jonuschat

- Status changed from Needs Feedback to Rejected

Closing as there has been no feedback for more than >60 days