Subject: Performance Issues v1.97 - 2.0 with list screens
Posted by renato on Sun, 02 Oct 2016 03:22:46 GMT
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Hi Tony,

I'm getting performance issues in list views and multi5 views. Some LIST1 screens taking as much as 21 seconds to render (when showing 100 records) and 5 seconds for 25 lines
I narrowed it down to this peace of code in 'include.xml.php5.inc' -> addData2XMLdoc:

```
if ($spec['control'] == 'popup') {
 if (!array_key_exists($fieldname, $screen_fields)) {
  // field does not exist in this screen, so skip next bit
 } else {
  $child->setAttribute('control', 'popup');
  if (isset($spec['foreign_field'])) {
   $child->setAttribute('foreign_field', $spec['foreign_field']);
  } // if
  if (isset($spec['task_id'])) {
   if (!empty($dbobject->zone) AND $dbobject->zone != 'main') {
    // include zone name in task_id
    $zone = 'db'.$dbobject->zone;
    $child->setAttribute('task_id', "task#{$zone}#{$spec['task_id']}");
   } else {
    $child->setAttribute('task_id', "task#{$spec['task_id']}");
   } // if
   $taskOBJ =& RDCsingleton::getInstance('mnu_task');
   $task_data = $taskOBJ->getData("task_id='{$spec['task_id']}'"); // <------------- Line causing performance problems
   if(!empty($task_data)) {
    $task_data = $task_data[0];
    $child->setAttribute('tooltip', $task_data['task_desc']);
   } //if
  } // if
  if (isset($spec['allow_input'])) {
   $child->setAttribute('allow_input', $spec['allow_input']);
  } // if
 } // if
} // if
```

If I comment that line rendering goes down to 1.2 seconds for 100 records.
And down to 0.7 seconds when showing 25 records.
The table I'm testing on contains 5 popups for the insert/update screen.

If I change it to getData_raw it's still 8 seconds for 100 records. (a bit better).

What's the purpose of doing that database call? Just for the tooltip?
Shouldn't this be done only for ADD/Update/MULTI screens? not for LIST1/LIST2
I think that extra database call causes the delay in list screens.

Will something else break if I comment that line for now?

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