Subject: v1.34 issue with audit_logging and getFieldspec_original
Posted by cpscdave on Thu, 03 Apr 2008 23:09:26 GMT
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Hi Tony,
I have not verified if this is also in 1.35.

We are running Apache 2.2.4 and PHP 5.2.0

What appears to be happening is when I set $table->audit_logging = false; or $table->audit_logging = 0;

All is fine until
_dml_insertRecord
...
 $DML->fieldspec   = $this->getFieldSpec_original();

In here
        if (!empty($this->audit_logging)) {
         $save_audit_logging = $this->audit_logging;
        } // if

Is not saving the audit_logging, and then it gets turned back on.

I did some tests:

```
if( $this->tablename   == 'history')
     {
 print "\nIN HISTORY al\n";
 print "\nal: {$this->audit_logging}al\n";
 //exit;

 if(!empty($this->audit_logging))
 {
   print "is not empty would save \n";
 }
 else
 {
   print "is empty will NOT save\n";
 }
 if(isset($this->audit_logging))
 {
   print "is set\n";
 }
 else
 {
   print "is not set\n";
 }
```

```
if($this->audit_logging===false)
{
  print "is false\n";
}
else
{
  print "is not false\n";
}
exit;
    }
```

outputs when I do $table->audit_logging = false;
is empty will NOT save
is set
is false

outputs when I do $table->audit_logging = 0;
is empty will NOT save
is set
is not false

outputs when I do $table->audit_logging = true;
is not empty would save
is set
is not false

Prehaps the code should be changed to:

```
 if ($this->audit_logging===false) {
       $save_audit_logging = $this->audit_logging;
      } // if
```

Is there a standard for setting variables within Radicore?
Should we be using true/false, 1/0, unset()?

Thanks,
SoftElephant

Subject: Re: v1.34 issue with audit_logging and getFieldspec_original
Posted by AJM on Fri, 04 Apr 2008 10:07:59 GMT
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Yes, this is in fact a bug. After doing my own testing my own solution is as follows:

In the getFieldSpec_original() method change both occurrences of

if (!empty($this->audit_logging)) {
to
if (is_bool($this->audit_logging)) {
I shall include this fix in the next release.

The only 'standard' for setting variables in Radicore is to use the correct data type otherwise the results may be unpredictable.

In the case of some of the options which go into the $fieldspec array, they are switched on with:

$this->fieldspec['column']['keyword'] = 'y';

and switched off with

unset($this->fieldspec['column']['keyword']);

In these cases using

$this->fieldspec['column']['keyword'] = 'n';

will not have any effect as it is the existence of the keyword, not its value, that is checked.
