
Subject: always enter default value in empty field

Posted by [semcycle](#) on Sun, 11 Jun 2006 23:21:27 GMT

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first off - thanks Tony , what an awesome framework !!

i have poked around in the samples & am now setting up an app of my own, where i ran into the following. Not sure if this is a bug or intended behavior, but here it is with my workaround:

in the mysql table:

```
column `errors` INT NOT NULL DEFAULT '0'
```

in the table class:

```
$fieldspec['errors']          = array('type' => 'integer',  
                                       'size' => 11,  
                                       'default' => '0');
```

This is not a required field. If this field is left empty upon adding a new record, a fatal error - column can not be null results.

workaround:

In std.validation.class.inc the default value gets inserted only for required fields. i added the following lines to have this happen for all empty entries:

around line 77:

```
if (strlen($fieldvalue) == 0) {  
    // field is empty - is it allowed to be?  
    if (isset($fieldspec['required'])) {  
        if (isset($fieldspec['autoinsert'])  
            or isset($fieldspec['auto_increment'])) {  
            // value will be filled in later, so continue  
        } elseif (isset($fieldspec['default'])) {  
            $fieldvalue = $fieldspec['default'];  
        } else {  
            // ""$fieldname cannot be blank'  
            $this->errors[$fieldname] = getLanguageText('sys0020', $fieldname);  
        } // if  
    } // if  
    if ($fieldspec['type'] == 'date' or $fieldspec['type'] == 'datetime'  
        or $fieldspec['type'] == 'timestamp') {  
        if (isset($fieldspec['infinityisnull'])) {  
            $fieldvalue = '9999-12-31';  
        } // if  
    } // if  
    if ($fieldspec['type'] == 'boolean') {  
        $fieldvalue = $fieldspec['false'];  
    }
```

```
} // if
```

```
// ***** added lines *****
```

```
// enter the default value for any empty field that has one set, not just required ones  
if (isset($fieldspec['default'])) {  
    $fieldvalue = $fieldspec['default'];  
} // if
```

```
// ***** end of added lines *****
```

```
// nothing left to validate, so return now  
return $fieldvalue;  
} // if
```

I am especially interested to find out if you think this may break other expected behavior.

Subject: Re: always enter default value in empty field
Posted by [AJM](#) on Mon, 12 Jun 2006 08:53:54 GMT
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semcycle wrote on Mon, 12 June 2006 00:21first off - thanks Tony , what an awesome framework !!

Thanks. It's gratifying to now that my humble efforts are not a complete waste of time.

As for your error, if a field is defined as NOT NULL then by definition it *IS* required, but I take your point that if a default value has been defined then it should be used whenever no value has been input, required or not. I shall incorporate this fix in my next release.
