
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.
