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.
