

---

Subject: Calculated fields

Posted by [htManager](#) on Mon, 23 Jun 2014 13:20:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Tony,

can I automatically calculate a field with a method of the radicore framework?

I have three fields, amount\_netto, amount\_tax and amount\_brutto.

I want that the field amount\_brutto is calculated automatically after filling out the fields amount\_netto and amount\_tax.

I used to develop desktop applications in ObjectPAL, a language called Object orientet Paradox Appllication Language for the desktop database Paradox for Windows. In this language I would have put the code in an event of the amount\_tax field. But in a web environment with Radicore and PHP I don't know how to do this.

Thanks in advance, best regards,

Juergen

---

---

Subject: Re: Calculated fields

Posted by [AJM](#) on Tue, 24 Jun 2014 08:08:41 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

No, the framework cannot do such things for you automatically, you have to write the code yourself.

When reading from the database you can build the calculation into the SQL statement such as:

```
SELECT product_id, unit_price, quantity, SUM(unit_price * quantity) AS extended_price ...
```

---

---

Subject: Re: Calculated fields

Posted by [htManager](#) on Tue, 24 Jun 2014 14:24:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Isn't there a possibility to change \$fieldarray with a custom method (like i.e. \_cm\_getExtraData) when jumping with the Tabulator from field to field?

---

---

Subject: Re: Calculated fields

Posted by [AJM](#) on Tue, 24 Jun 2014 15:53:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

No. Nothing is sent from the client browser to the application on the server until you press a SUBMIT button. That is how HTML works.

---

---

Subject: Re: Calculated fields

Posted by [htManager](#) on Wed, 25 Jun 2014 15:04:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I changed my database schema by inserting a column with type boolean where you can decide if the field will be calculated or not.

You said that nothing is sent until the submit button is pressed. That's ok for me because I now want to calculate the values after having pressed the submit button.

I tried to put my code for changing the values in \$fieldarray in the custom method `_cm_preInsertorUpdate($rows)` in the class file. I tried to change the values of \$rows with `$rows['column_name'] = 'foobar'`. But I didn't succeed. Is this a possible way or not?

Or do I have to use another custom method?

---

---

Subject: Re: Calculated fields

Posted by [AJM](#) on Wed, 25 Jun 2014 16:08:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

You need to look at <http://www.tonymarston.net/php-mysql/functions-and-variables.html#sequence.of.events> to see which custom methods are called, and in what sequence, for each transaction pattern. You will notice there that the `_cm_pre_insertOrUpdate ()` method is \*NOT\* called when the pattern starts with `insertRecord ($rowdata)`.

---

---

Subject: Re: Calculated fields

Posted by [htManager](#) on Sat, 28 Jun 2014 13:15:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Thank you very much. It works perfectly.

---