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 Apllication 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.
