

Hi Tony,

I have 3 tables:

instruments:

- instrument_id -----> unsigned int(10) (PK)
- instrument_model_id -----> unsigned int(10) (FK)
-

instrument_models:

- instrument_model_id -----> unsigned int(10) (PK)
- instrument_type_id -----> unsigned int(10) (FK)
- instrument_model_name -----> varchar(32)
- instrument_model_manufacturer --> varchar(32)
-

instrument_types:

- instrument_type_id -----> unsigned int(10) (PK)
- instrument_type_name -----> varchar(32)
-

I use a LIST1 Transaction Pattern to show "instruments" data.
I'd like to show a new field "instrument_model" as the concatenation of:

"instrument_type_name - instrument_model_manufacturer instrument_model_name"

First of all, I write in instruments.list1.screen.inc:

```
$structure['main']['fields'][] = array('instrument_model' => 'Instrument Model');
```

Then, I create a relationship between instrument_models(snr) and instruments(jnr):

Relationship Type: CASCADE

Order By: instrument_model_id

Parent Field: CALCULATED

Calculated Field: CONCAT((SELECT instrument_type_name FROM instrument_types WHERE instrument_models.instrument_type_id = instrument_types.instrument_type_id),' -',instrument_model_manufacturer,',',instrument_model_name) AS instrument_model

Column Id(snr): instrument_model_id

Column Id(jnr): instrument_model_id

I "Export To PHP" the tables and this produces the lines in instruments.dict.inc:

```
// parent relationship details
```

```
$this->parent_relations[] = array('parent' => 'instrument_models',  
                                'parent_field' => 'CONCAT((SELECT instrument_type_name  
FROM instrument_types WHERE instrument_models.instrument_type_id =  
instrument_types.instrument_type_id),\' - \',instrument_model_manufacturer,\  
\',instrument_model_name) AS instrument_model',  
                                'fields' => array('instrument_model_id' =>  
'instrument_model_id'));
```

BUT, when I go to enter instruments menu, I read the error windows:

Fatal Error: MySQL error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '), AS instrument_model FROM instruments LEFT JOIN instrument_models ON (instrume' at line 1 (# 1064).

```
SQL query: SELECT SQL_CALC_FOUND_ROWS instruments.*, CONCAT((SELECT  
instrument_type_name FROM instrument_types WHERE instrument_models.instrument_type_id  
= instrument_types.instrument_type_id), ' - ', instrument_models.instrument_model_manufacturer,  
' ', instrument_models.instrument_model_name, ), AS instrument_model FROM instruments LEFT  
JOIN instrument_models ON (instrument_models.instrument_model_id=instrumen  
t_model_id) LIMIT 10 OFFSET 0
```

Error in line 407 of file 'C:\Programmi\wamp\www\wis\includes\dml.mysql.class.inc'.

What is wrong of my procedure?
Is there another way to do it?

Thanks for your support,
Luca