
Subject: Re: Missing calculated field in relationship
Posted by [gpatti](#) on Mon, 10 Aug 2009 21:07:55 GMT
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The table.dict.inc relationship is:

```
$this->parent_relations[] = array('parent' => 'candidate',  
                                'parent_field' => 'concat(first_name, \' \', last_name) as  
person_name, age_group_id, dob_date, first_name, last_name, gender, candidate_pin,  
student_ind, addr_line_1, addr_line_2, addr_line_3, town, county, postcode, email_addr,  
home_telephone, mobile_telephone',  
                                'fields' => array('candidate_id' => 'candidate_id',  
                                                'rdcaccount_id' => 'rdcaccount_id'));
```

The generated SQL is:

```
SELECT SQL_CALC_FOUND_ROWS exam.*, branch.branch_id, branch.branch_desc,  
branch.branch_abbrev, branch.syllabus_type_id, branch.student_branch_abbrev,  
branch.crf_type_id, branch.session_type_id as branch_session_type_id,  
concat(candidate.first_name, ' ', candidate.last_name) AS person_name,  
d1.dance_code AS dance1_code, d2.dance_code AS dance2_code, d3.dance_code AS  
dance3_code, d4.dance_code AS dance4_code,  
grade.grade_code, grade.grade_desc, school.school_name, school.principal_name,  
school.principal_mem_num, school.school_addr_line_1, school.school_addr_line_2,  
school.school_addr_line_3, school.school_town, school.school_county, school.school_postcode,  
school.school_email_addr, school.school_web_addr, school.school_telephone,  
session.session_desc, session.session_date, session.examiner, session.session_type_id,  
amount  
FROM exam  
LEFT JOIN branch ON (branch.branch_id=exam.branch_id)  
LEFT JOIN candidate ON (candidate.candidate_id=exam.candidate_id AND  
candidate.rdcaccount_id=exam.rdcaccount_id)  
LEFT JOIN dance AS d1 ON (d1.dance_id=exam.dance1_id)  
LEFT JOIN dance AS d2 ON (d2.dance_id=exam.dance2_id)  
LEFT JOIN dance AS d3 ON (d3.dance_id=exam.dance3_id)  
LEFT JOIN dance AS d4 ON (d4.dance_id=exam.dance4_id)  
LEFT JOIN grade ON (grade.grade_id=exam.grade_id)  
LEFT JOIN school ON (school.school_id=exam.rdcaccount_id)  
LEFT JOIN session ON (session.rdcaccount_id=exam.rdcaccount_id AND  
session.session_id=exam.session_id)  
LEFT JOIN cost_group_charge ON (grade.cost_group_id=cost_group_charge.cost_group_id AND  
session.session_date >= cost_group_charge.start_date AND session.session_date <=  
cost_group_charge.end_date AND exam.rdcaccount_id = cost_group_charge.rdcaccount_id AND  
exam.banner_req = cost_group_charge.banner_req AND cost_group_charge.age_group_id IN  
(SELECT candidate.age_group_id from candidate where exam.candidate_id =  
candidate.candidate_id UNION SELECT age_group.age_group_id from age_group where  
age_group_id = 'X'))  
WHERE exam.rdcaccount_id='7' AND exam.session_id='1'  
ORDER BY exam.exam_seq_nbr asc  
LIMIT 10 OFFSET 0 =>Count=8
```

You can see that the items following person_name are not included in the SQL.

Graham
