Subject: Failing searches, caused by null-able date fields
Posted by ikatz on Tue, 10 Jun 2008 13:24:08 GMT
View Forum Message <> Reply to Message

I was seeing some very odd search behavior, which caused most of my searches to return 0 results ("Nothing was found matching this profile"). The behavior was really confusing because some of the searches would return results the first time, but clicking "search" a second time and submitting the same search criteria would return no results.

By logging the SQL queries, I was able to determine that my problem is being caused by 2 date fields in this particular table which can be null. Radicore is inventing search criteria from the date fields, even when I leave them blank.

Note: The table I am working on here is called task, and is part of a project manager I am working on -- not the Radicore menu system.

```
SELECT SQL_CALC_FOUND_ROWS task.*,
  project.name as project_valrep,
  parent_task.name as parent_task_name
FROM task
  LEFT JOIN project
    ON (project.project_id=task.project_id)
  LEFT JOIN task AS parent_task
    ON (parent_task.task_id=task.parent_task_id)
WHERE task.name LIKE 'fred%'
  AND task.start_date<='2008-06-10 00:00:00'
  AND task.end_date>='2008-06-10 23:59:59'
LIMIT 10 OFFSET 0
```

Start_date and end_date are my null-able fields. At first I thought that Radicore was simply generating default conditions on the date fields, since both were null. But what is really confusing to me is the fact that the 2 conditions are different

```
  AND task.start_date<='2008-06-10 00:00:00'
  AND task.end_date>='2008-06-10 23:59:59'
```

Are task.start_date and task.end_date reserved in Radicore? How can I prevent these conditions from being added to the search criteria?