

Foreman - Bug #1181

Host searching returns duplicates (or-ed facts)

09/26/2011 03:35 AM - Tim Speetjens

Status: Closed	
Priority: Normal	
Assignee: Amos Benari	
Category: Search	
Target version: 0.4	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
When filtering hosts, based on facts or-ed criteria return duplicates:	
Affected: facts.operatingsystemrelease = 5.3 or facts.operatingsystemrelease = 5.4 facts.clientversion = 0.25.5 or facts.hardwaremodel = <model>	
Correct: model = "Model 1" or model = "Model 2"	

Associated revisions

Revision 5909d4d9 - 10/02/2011 10:59 AM - Ohad Levy

fixes #1181 - Host searching returns duplicates

History

#1 - 09/26/2011 03:50 AM - Ohad Levy

- Category set to Search
- Assignee set to Amos Benari
- Target version deleted (0.4)

#2 - 09/26/2011 03:56 PM - Tim Speetjens

A quick look in dev mode reveals the following SQL (mysql):

```
SELECT `hosts`.* FROM `hosts`
INNER JOIN `fact_values` fact_values_730703 ON (hosts.id = fact_values_730703.host_id)
INNER JOIN `fact_names` fact_names_730703 ON (fact_names_730703.id = fact_values_730703.fact_name_id)
INNER JOIN `fact_values` fact_values_804546 ON (hosts.id = fact_values_804546.host_id)
INNER JOIN `fact_names` fact_names_804546 ON (fact_names_804546.id = fact_values_804546.fact_name_id) WHERE
((fact_names_730703.`name` = 'operatingsystemrelease' AND fact_values_730703.`value` = BINARY '5.3') OR (fact_names_804546.`name` =
'operatingsystemrelease' AND fact_values_804546.`value` = BINARY '5.4')) ORDER BY `hosts`.`name` ASC LIMIT 0, 20
```

This should be:

```
SELECT `hosts`.* FROM `hosts`
INNER JOIN `fact_values` fact_values_730703 ON (hosts.id = fact_values_730703.host_id)
INNER JOIN `fact_names` fact_names_730703 ON (fact_names_730703.id = fact_values_730703.fact_name_id)
INNER JOIN `fact_values` fact_values_804546 ON (hosts.id = fact_values_804546.host_id)
INNER JOIN `fact_names` fact_names_804546 ON (fact_names_804546.id = fact_values_804546.fact_name_id)
WHERE
fact_names_730703.`name` = 'operatingsystemrelease'
AND
fact_names_804546.`name` = 'operatingsystemrelease'
AND
( fact_values_730703.`value` = BINARY '5.3' OR fact_values_804546.`value` = BINARY '5.4')

ORDER BY `hosts`.`name` ASC LIMIT 0, 20
```

This same principle applies for different fact names, as in the second example query.

#3 - 10/02/2011 10:59 AM - Ohad Levy

- *Target version set to 0.4*

#4 - 10/02/2011 11:23 AM - Ohad Levy

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

Applied in changeset [5909d4d9bb73527eed8f414c76744b08170a28f8](#).