

Foreman - Bug #1181

Host searching returns duplicates (or-ed facts)

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

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Amos Benari	
<b>Category:</b>	Search	
<b>Target version:</b>	0.4	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b>
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		
<b>Description</b>		
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](#).