**Foreman - Feature #2220**

Matchers should support inheritance of smart class parameters in nested hostgroups

02/19/2013 09:40 AM - Roger Spencer

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>Amos Benari</td>
</tr>
<tr>
<td>Category:</td>
<td>Parameters</td>
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<tr>
<td>Target version:</td>
<td>1.2.0</td>
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<td>Difficulty:</td>
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<td>Triaged:</td>
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<td>Bugzilla link:</td>
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<td>Pull request:</td>
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<td>Fixed in Releases:</td>
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**Description**

Nested hostgroups should inherit class parameter overrides along with the classes they are inheriting.

Example Hostgroups:

- WebServer
- WebServer/TypeA
- WebServer/TypeB
- WebServer/TypeC

If a puppet class is applied to hostgroup WebServer and its parameters overridden, WebServer/TypeA,B,C should all inherit that parameter override -- but retaining the ability to override it again.

This would save a lot of time and remove chance for error in trying to get a class override to all nested hostgroups of a parent.

Probably related to issue #2132 -- adding ability to configure class parameters at the hostgroup level in the UI.

**Related issues:**

Related to Foreman - Feature #2132: Allow overriding of class parameters in t... Closed 01/16/2013

**Associated revisions**

Revision 0f9df563 - 05/09/2013 02:33 PM - Amos Benari

fixes #2220 - Support hostgroup puppet classes parameters inheritance.

**History**

#1 - 02/19/2013 09:43 AM - Dominic Cleal

- Subject changed from Support inheritance of class parameters in nested hostgroups to Matchers should support inheritance of smart class parameters in nested hostgroups
- Category set to Parameters

This is to make the smart class parameters matchers understand hostgroup inheritance instead of matching simply on equality.

#2 - 03/15/2013 08:55 PM - Charles Gomes

I'm also interested in this.
I've a PostgreSQL::Params that defines versions and other parameters.
I've a PostgreSQL class that installs client libs and uses Params to override the version.
Then I've a PostgreSQL::Server, that install the server. That also shares Params, however changing the Params through the smart class does not apply to server.
If I force to inherit Params I get a puppet error:

**Error 400 on SERVER: Duplicate declaration: Class[Postgresql::Params] is already declared; cannot redeclare on node**
#3 - 04/11/2013 02:10 PM - Dominic Cleal
- Target version set to 1.2.0

#4 - 05/09/2013 12:57 PM - Dominic Cleal
- Status changed from New to Ready For Testing
- Assignee set to Amos Benari

https://github.com/theforeman/foreman/pull/580

#5 - 05/09/2013 03:46 PM - Amos Benari
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset 0f9df58388d86ae70a0d507922f77888c9810913.