

## Foreman - Feature #1029

### Allow custom variables to be queried from a puppet function

07/06/2011 10:51 AM - Marcello de Sousa

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Ohad Levy	
<b>Category:</b> External Nodes	
<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>	
The new custom variables and multiple values resolved should be available via a puppet function (similar to extlookup).	
Example usage in puppet code (with function name -> "foremanextvar"):	
<pre>foremanextvar (&lt;variable&gt;, &lt;default_value&gt;, &lt;comment&gt;, &lt;paramfile_with_extra_options&gt; )</pre>	
This way we could achieve the following:	
<ul style="list-style-type: none"><li>- manage the variables in foreman</li><li>- query them from puppetcode</li><li>- Add metadata (for ex. "comment")</li><li>- have forward and backwards compatibility with core puppet functions (using the "default_value" field).</li></ul>	
Example (with extlookup fallback compatibility and comment):	
<pre>\$ntpd_options = foremanextvar (ntpd_options, extlookup (ntpd_options), "oracle needs -o in RAC environments" )</pre>	
<b>Note:</b> This implementation would also require a way to enable/disable the params from adding to the enc yaml (something to avoid puppet errors complaining the variable is already defined.)	

#### Associated revisions

##### Revision 86d01ac3 - 07/06/2011 11:00 AM - Ohad Levy

fixes #1029 - allows smart variables to be resolved via http get request.

this would allow to an external query to resolve a variable value to a given host.

e.g.

[http://foreman/hosts/&lt;fqdn>/lookup\\_values/&lt;variable\\_name>](http://foreman/hosts/&lt;fqdn>/lookup_values/&lt;variable_name>)

##### Revision 0a492999 - 07/12/2011 09:51 AM - Ohad Levy

Puppet function to query foreman smart variables, refs #1029

##### Revision 14cd3f28 - 07/12/2011 09:53 AM - Ohad Levy

updated foreman puppet module to include the smart variables puppet function

this also ensures that the json response from foreman is always in json.

refs #1029

#### History

##### #1 - 07/06/2011 11:01 AM - Ohad Levy

- Status changed from New to Closed

- % Done changed from 0 to 100

Applied in changeset [86d01ac353602a3447f1eb1a4ebcc591b8d4a5bb](#).