

Foreman - Bug #6559

Net::DHCP classloading error

07/09/2014 08:29 PM - Scott Seago

Status: New	
Priority: Normal	
Assignee:	
Category: Rails	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1118340	Red Hat JIRA:
Pull request:	
Description	
<p>This appears to be hitting staypuft deployments, especially when we try to provision multiple hosts at once. The speculation is that defining stuff via:</p> <pre>module Net::DHCP</pre> <p>rather than</p> <pre>module Net module DHCP</pre> <p>may be at the root of the problem, since if we reference this before the Net module is loaded, it will fail. Initial testing with staypuft deployments suggest that the change I'll be submitting shortly as a PR fixes the problem for staypuft at least.</p>	

History

#1 - 07/10/2014 03:11 AM - Dominic Cleal

- Category set to Rails
- Status changed from New to Ready For Testing
- Assignee set to Scott Seago
- Target version set to 1.8.0
- Pull request <https://github.com/foreman/foreman/pull/1577> added

#2 - 07/10/2014 09:14 AM - Dominic Cleal

- Bugzilla link set to 1118340

#3 - 07/10/2014 09:25 AM - Dominic Cleal

From the associated BZ:

```
Expected /usr/share/foreman/lib/net/dhcp.rb to define Net::DHCP (LoadError)
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:503:in `load_m
issing_constant'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:192:in `block
in const_missing'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:190:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:190:in `const_
missing'
/opt/rh/ruby193/root/usr/share/gems/gems/net-ldap-0.3.1/lib/net/ldap/pdu.rb:254:in `const_missing'
/usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:16:in `dhcp_record'
/usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:140:in `dhcp_conflict_detected?'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:504:in `_run__776
817756702497949__validation__1600629314668201047__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `_run_cal
lback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_vali
dation_callbacks'
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/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activemodel-3.2.8/lib/active_model/validations/callbacks.rb:53:in `run_validations!'
/opt/rh/ruby193/root/usr/share/gems/gems/activemodel-3.2.8/lib/active_model/validations.rb:194:in `valid?'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:69:in `valid?'
/usr/share/foreman/app/models/concerns/orchestration.rb:47:in `valid?'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:77:in `perform_validations'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:56:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:33:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `block in save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/host/build.rb:30:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:439:in `block (3 levels) in execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:14:in `block in run'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:30:in `as_current_user'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:14:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action/progress.rb:30:in `with_progress_calculation'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action/progress.rb:16:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/world.rb:30:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:438:in `block (2 levels) in execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:437:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:437:in `block in execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `block in with_error_handling'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `with_error_handling'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:432:in `execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:226:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:9:in `block (2 levels) in execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract.rb:152:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract.rb:152:in `with_meta_calculation'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:8:in `block in execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:22:in `open_action'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:7:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/executors/parallel/worker.rb:20:in `block in on_message'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:859:in `block in assigns'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `tap'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `assigns'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:138:in `match_value'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:116:in `block in match'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `match'
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/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/executors/parallel/worker.rb:17:in `on_message'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:82:in `on_envelope'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:72:in `receive'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `block (2 levels) in run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `loop'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `block in run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:13:in `block in initialize'
Expected /usr/share/foreman/lib/net/dhcp.rb to define Net::DHCP (LoadError)
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:503:in `load_missing_constant'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:192:in `block in const_missing'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:190:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:190:in `const_missing'
/opt/rh/ruby193/root/usr/share/gems/gems/net-ldap-0.3.1/lib/net/ldap/pdu.rb:254:in `const_missing'
/usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:16:in `dhcp_record'
/usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:140:in `dhcp_conflict_detected?'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:504:in `__run__776817756702497949__validation__1600629314668201047__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `__run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `__run_validation_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activemodel-3.2.8/lib/active_model/validations/callbacks.rb:53:in `run_validations!'
/opt/rh/ruby193/root/usr/share/gems/gems/activemodel-3.2.8/lib/active_model/validations.rb:194:in `valid?'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:69:in `valid?'
/usr/share/foreman/app/models/concerns/orchestration.rb:47:in `valid?'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:77:in `perform_validations'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:56:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:33:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `block in save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/host/build.rb:30:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:439:in `block (3 levels) in execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:14:in `block in run'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:30:in `as_current_user'
/opt/rh/ruby193/root/usr/share/gems/gems/staypuft-0.1.8.1/app/lib/actions/staypuft/middleware/as_current_user.rb:14:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action/progress.rb:30:in `with_progress_cancellation'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action/progress.rb:16:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/middleware/world.rb:30:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:438:in `block (2 levels) in execute_run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:437:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:437:in `block in execute_run'
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/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `block in with_error_handling'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `catch'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:361:in `with_error_handling'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:432:in `execute_run'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/action.rb:226:in `execute'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:9:in `block (2 levels) in execute'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract.rb:152:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract.rb:152:in `with_meta_calculation'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:8:in `block in execute'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:22:in `open_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:7:in `execute'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/executors/parallel/worker.rb:20:in `block in on_message'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:859:in `block in assigns'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `tap'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `assigns'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:138:in `match_value'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:116:in `block in match'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `each'  
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `match'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/executors/parallel/worker.rb:17:in `on_message'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:82:in `on_envelope'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:72:in `receive'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `block (2 levels) in run'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `loop'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `block in run'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `catch'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:99:in `run'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.1/lib/dynflow/micro_actor.rb:13:in `block in initialize'
```

#4 - 07/30/2014 06:50 AM - Anonymous

- Target version changed from 1.8.0 to 1.7.5

#5 - 08/15/2014 07:27 AM - Dominic Cleal

- Status changed from Ready For Testing to New

- Assignee deleted (Scott Seago)

- Target version deleted (1.7.5)

- Pull request added

- Pull request deleted (<https://github.com/theforeman/foreman/pull/1577>)