



FOREMAN

How we redesigned new Foreman host detail page

Who am I?

Mária Šviriková

- Interaction designer for Foreman
- Demoing my work at Foreman community:
<https://www.youtube.com/@Foreman>.
- Lector at Masaryk University in Brno
- Couch in the nonprofit organization Czechitas (helping women transition to IT)



UX

Foreman



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All Hosts > ansible-test.example.com

Before

Schedule Remote Job | Web Console | Boot disk | Edit | Clone | Build | Power Off | Console | Delete

Runtime
last 7 days

Time in Seconds

Details	
New UI Audits Jobs Facts Puppet YAML Recommendations	
Properties Metrics VM NICs Initial configuration	
Properties	
Status	⊘ Error
Build	✔ Installed clear
Execution	⊘ Last execution failed clear
Build duration	about 2 hours
Token	N/A
Domain	example.com
IP Address	192.168.73.229

Hosts > ansible-test.example.com

After

Schedule a job | Edit

ansible-test.example.com ⊘ CentOS Linux release 8.3.2011 x86_64

Created 2 years ago (updated 2 months ago)

Overview | Details | Parameters | Ansible | Puppet | Reports | Insights

Host status ⊘

✔ 1 ⚠ 0 ⊘ 2 🔄 12

[Manage all statuses](#)

Details 🔌

IPv6 address
Not available

IPv4 address
192.168.73.229

MAC address
52:54:00:21:5fea

Host group
[base](#)

Recent jobs ⋮

Finished | Running | Scheduled

- Ansible - Run playbook with in... 16 minutes ago ⊘ failed
- Ansible - Run playbook with in... 1 day ago ⊘ failed
- Run Ansible roles 2 months ago ⊘ failed

Recent communication

Total risks ⋮

Recent audits [All audits](#)



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But how did we get here?



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Design thinking

Research

- Jamboard
- Workshop with devs and UX

Content host detail page - Packages 1/3 (actions)

Details Provisioning Details Subscriptions Host Collections Tasks Packages Errata Module Streams Traces Repository Sets

Package Actions

ⓘ The katello-agent package is required to manage packages on this Host. Please install the katello-agent package to manage packages on aaa-katest-02rm273kxzvken2p.lab.redhat.com. To install the package, connect directly to the host from a terminal and use yum.

Package Install Package/Group Name Perform Update All Packages

Installed things (tab)

combine with other Packages

possibility to have a tab OR show some of this content it in the Overview page and letting users to do the interaction there.

Is it possible to combine Packages, Errata, Module streams? It seems that customers are mainly interested in 1. RPMs 2. Errata.

Content host detail page - Packages 2/3 (installed)

Content host detail page - Details 1/2

aaa-katest-02rm273kxzvken2p.lab.redhat.com

Content Hosts > aaa-katest-02rm273kxzvken2p.lab.redhat.com

Details Provisioning Details Subscriptions Host Collections Tasks Packages Errata Module Streams Traces Repository Sets

Basic Information

Name:	aaa-katest-02rm273kxzvken2p.lab.redhat.com
UUID:	a62128fb-eeba-413b-bd3d-e456acb759f4
Description:	
Type:	Not applicable
Katello Agent:	Not installed
Virtual Guests:	Content Hosts
Registered Through:	sat-r220-09.lab.eng.rdu2.redhat.com

Installable Errata

Security:	▲ 10
Bug Fix:	▲ 52
Enhancement:	▲ 1

Content Host Content **Very important**

Release Version:

Content View: Disney

Lifecycle Environment:

<input type="checkbox"/> Library	<input type="checkbox"/> capsule-650
<input type="checkbox"/> Library	<input type="checkbox"/> sherril_capsule_test

NOT saved

treat like solution in CV design

move to overview remove redundant content

OVERVIEW

TO TAB

Make card out of this

redesign, these suck



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Continual feedback collection

Surveys

Customer walkthroughs

Demos

Community posts

Survey example

- <https://forms.gle/uRCWSMBz7W38haoM9>
- <https://forms.gle/wmMKGVsRxAzmSgY36>
- <https://35iy8gp0.optimalworkshop.com/tr/eejack/weuvqn0v>
- <https://forms.gle/HyqzyHEDJowUV1aT8>

Please, rate the importance of the displayed cards: *

	Extremely i...	Very import...	Important	Somewhat i...	Not important	Not applicab...
Host status ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Details card	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recent com...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Content vie...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recent jobs ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Installable er...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recent audits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Host collecti...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you use Power on/ off for Host, does its location (right side of the details card) make sense to you?

Yes

Feedback example



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Please **combine the "all hosts" and "content hosts"** into a single view.

No need for drag and drop cards

Thank you and congrats!

The entire **right side of the host details page is not useful** if Satellite is not being used for configuration management (puppet, etc). **Those graphs are always empty** and take up a lot of space.

Are all cards static or can I reorder them like widgets?
Similar to the Overview-Landing-Page? **Can I save my own dashboard** composition of the cards I want to see?

I do not like "passed" at all. This is not a puppet-native term. "Active" or "Changed" or "Succeeded" perhaps might be better terms.

Run a Job on that host would be a nice to have.

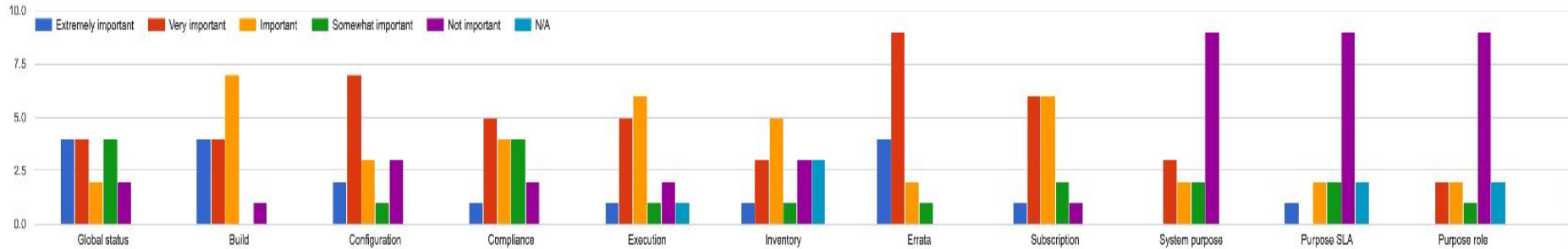
Card importance: Jobs, Status cards, Details 'this order is perfect.
Almost anything I want is there in the top three cards.'

Example of the sub-status importance chart



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Please, rate importance of each status/ sub-status.





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It's an iterative process



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Hosts > PowerPuffGirl3.0-Everythingnice.com >

PowerPuffGirl3.0-Everythingnice.com

Created 3 months ago by Mr.MojoJ (updated 1 minute ago)

Overview Details Content Registration Subscription Ansible **Puppet** Reports Traces Repository sets

Reports Assigned classes Smart class parameters Yaml

Configuration status
✔ Last execution successful

Puppet details >

Puppet reports

Passed	Failed	Pending	Other
✔ 15	❌ 15	⌚ 15	⚡ 15

Summary chart
60 eventful runs out of 350 runs in last 7 days >

Search query [] [Delete] 1 - 5 of 350

Reported at	Status	Summary
15 minutes ago	❌ Failed	✔ 4 ❌ 5 ⚡ 3
30 minutes ago	✔ No change	-
1 hour ago	✔ Passed	✔ 4
2 hours ago	⌚ Pending	⌚ 5
5 days ago	⚡ Other	✔ 2 ⚡ 2

1 - 5 of 350 << >> 1 of 7

Hosts > PowerPuffGirl3.0-Everythingnice.com >

PowerPuffGirl3.0-Everythingnice.com

Created 3 months ago by Mr.MojoJ (updated 1 minute ago)

Overview Details Content Registration Subscription Ansible **Puppet** Reports Traces Repository sets

Reports Assigned classes Smart class parameters YML

Last configuration status 15 minutes ago ❌ 5 🔄 2 ✔ 2 >

Puppet details >

Show only eventful runs

Search query [] [Delete] 1 - 5 of 5 << >>

Reported at	Status	Summary	Keywords
15 minutes ago	❌ Failed	❌ 5 🔄 2 ✔ 2	2
30 minutes ago	⊖ Empty	-	0
1 hour ago	🔄 Changed	🔄 9	1
2 hours ago	🔄 Changed	🔄 3 ✔ 6	1
5 days ago	✔ Unchanged	✔ 9	0

1 - 5 of 5 << >> 1 of 1 >>

<https://community.theforeman.org/t/puppet-tab-in-host-details-page-proposal/26464/28>



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Hosts > PowerPuffGirl3.0-Everythingnice.com

PowerPuffGirl3.0-Everythingnice.com

Created 3 months ago by Mr.MojoJ (updated 1 minute ago)

View tasks Edit

Overview Details **Content** Registration Subscription Parameters Ansible Templates Traces Repository sets

Packages Errata Module streams

Filter by packages 1 - 10 of 37

Package	Installed version	Latest version	Summary
Upgradable Tragicall cellar	32.9.11.4-19.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Red room	5.9.11.4-16.P2.el7_8.2.x86_64	5.9.11.4-16.P2.el7_8.2.x86_64	
Hall of wisdom	2P2.el7_8.2.x86_64	2P2.el7_8.2.x86_64	
Upgradable Bed bedroom	32.9.11.4-02.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Upgradable Special dungeon	32.9.11.4-13.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Upgradable White space room	32.9.11.4-16.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
First Bathroom	32.9.11.4-24.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Upgradable Second bathroom	32.9.11.4-15.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Upgradable Third bathroom	32.9.5.4-16.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	
Upgradable Maid's place	32.9.11.4-11.P2.el7_8.2.x86_64	32.9.11.4-24.P2.el7_8.2.x86_64	

Hosts > PowerPuffGirl3.0-Everythingnice.com

PowerPuffGirl3.0-Everythingnice.com

Created 3 months ago by Mr.MojoJ (updated 1 minute ago)

View tasks Edit

Overview Details **Content** Registration Subscription Parameters Ansible Templates Traces Repository sets

Packages Errata **Module streams**

Filter by status 1 - 4 of 4

Name	Stream	Installed profile
Disabled Shooting star	1	No profile installed
Blue giant	latest	No profile installed
Installed Thousands suns	0.75	Red moon
Upgradable Installed Entropy	5	Eclipse

Customize with REXX Enable

What did you influence?

- Added run a job on host
- Repository sets grouped in the content tab
- Errata severity column (based on Insights) but talked to community about that in the form
- Copy a value, e.g. the hostname, an IP address, etc.
- Substatuses order
- True false instead of checks in Ansible
- Reports progress
- ... and much more

You don't agree?

Or is there something in UI bothering you?

