Hammer CLI - Feature #19135
Possibility to limit or add fields that are displayed
04/03/2017 10:47 AM - Timo Goebel

Status: Closed
Priority: Normal
Assignee: Oleh Fedorenko
Category: Hammer core
Target version:

Difficulty: Team Backlog:
Triage: Fixed in Releases:
Bugzilla link: Found in Releases:
Pull request: In Kanboard:

1267445
https://github.com/theforeman/hammer-cli-foreman/pull/276

Description
When using hammer cli it would be great if a user could say which columns / fields are printed when e.g. issuing a list command.
E.g. when I only want to see the name and vlanid column for subnet:
hammer subnet list --columns name,vlanid

Related issues:
Related to Hammer CLI - Tracker #14914: Tracker for output related issues
Related to Hammer CLI - Feature #24110: hammer host list add fields domain_na...
Has duplicate Hammer CLI - Feature #20743: Select certain fields for output
Has duplicate Hammer CLI - Feature #12293: Control the attributes which are r...

Associated revisions
Revision 4b12b87e - 06/05/2019 10:47 AM - Oleh Fedorenko
Fixes #19135 - Possibility to limit fields that are displayed (#276)
  • Fixes #19135 - Possibility to limit fields that are displayed

Revision e69943ba - 06/05/2019 10:57 AM - Oleh Fedorenko
Refs #19135 - Possibility to limit fields that are displayed (#407)
  •Refs #19135 - Possibility to limit fields that are displayed

History
#1 - 04/10/2017 06:44 AM - Tomáš Strachota
  - Related to Tracker #14914: Tracker for output related issues added

#2 - 08/28/2017 07:21 AM - Tomáš Strachota
  - Has duplicate Feature #20743: Select certain fields for output added

#3 - 05/22/2018 03:50 PM - Oleh Fedorenko
  - Assignee set to Oleh Fedorenko
  - Status changed from New to Assigned
The Foreman Bot

- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/hammer-cli/pull/276 added

Tomáš Strachota

- Related to Feature #24110: hammer host list add fields domain_name and last_checkin added

Martin Bacovsky

I'm going to sum up design discussion about this feature. tstrachota, ofedoren feel free to update/comment.

Commands will get a new option `--fields` (`--columns` could be confusing for base output adapter used in info commands):

```
subnet list --fields name,vlanid
```

Feature 'field set' will add predefined sets of fields

- default field sets available for all commands are going to be THIN and ALL.
- THIN is just 'id, name' and should use '?thin=true' in API for max optimization
- fields and field sets can be added from plugins
- name is ALLCAPS to distinguish between field name and set

```
subnet list --fields THIN
```

Things to figure out:

- position of the option in the Main or end command?
  - in main command it does not work with shell
  - in individual commands it could conflict with options coming from API
- can plugins remove fields from field sets?
- allow combination of a field set and field names (host list --fields DEFAULT,my-fielded)?
- how to define the default filed set?
  - by field attribute `default => true/false` (opt out) - hard to remove core filed from default set from plugin but works out of the box
  - by explicitly defining the DEFAULT field set - it would bring better control for plugins but we have to define the set before adding non-default fields

Tomáš Strachota

08/13/2018 08:05 AM

05/10/2020
position of the option in the Main or end command?

IMO it makes more sense to define it on the terminal command. I’d say that the chance for a name clash is minimal.

can plugins remove fields from field sets?

What would be the use-case for that?

allow combination of a field set and field names (host list --fields DEFAULT,my-filed)?

Definitely, it adds a lot of flexibility.

I’ll add two things:

- The option must be able to consume field labels that are presented to users, not keys that are used for looking up the data in API responses. E.g. --fields="Puppet environment" vs. --fields=environment
- It should be possible to select nested fields like IPs of a NIC. E.g. --fields="Network interfaces/IP"

#8 - 09/17/2018 07:40 AM - Tomáš Strachota
- Bugzilla link set to 1267445

#9 - 09/17/2018 07:41 AM - Tomáš Strachota
- Has duplicate Feature #12293: Control the attributes which are returned from a list command added

#10 - 02/07/2019 11:24 AM - The Foreman Bot
- Pull request https://github.com/theforeman/hammer-cli-foreman/pull/407 added

#11 - 06/05/2019 11:01 AM - Oleh Fedorenko
- Status changed from Ready For Testing to Closed

Applied in changeset 4b12b87e49d2a12b36d8529015462b1467439f2c.