Packaging - Feature #34615

Provide modular metadata in EL8

03/15/2022 11:23 AM - Ewoud Kohl van Wijngaarden

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	RPMs		
Target version:	3.2.0		
Difficulty:		**Fixed in Releases:**	3.3.0
Triaged:	Yes	**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman-documentation/pull/1111		

Description

In EL8 dnf learned the concept of modules. Foreman already relied on them for Ruby 2.7 and PostgreSQL 12 but then built and delivered the RPMs as a regular repository. This meant it needed to provide modular_hotfixes=1, which overrides a lot of modularity.

The goal of this is to provide sufficient modular metadata so users can enable the foreman or katello module. Installation instructions for Foreman become:

```
dnf module enable foreman:el8
dnf install foreman-installer
```

And for Katello:

```
dnf module enable pulpcore:el8
dnf module enable katello:el8
dnf config-manager --set-enabled powertools
dnf install foreman-installer-katello
```

It will still contain modular_hotfixes=1 because of time. The way we currently generate the modular metadata only lists the latest RPM which means dnf downgrade would break. There was also insufficient time to properly test it.

Related issues:

Blocks Packaging - Feature #34126: Deliver EL8 repositories as modular reposi...	**Closed**

History

#1 - 03/15/2022 11:25 AM - Ewoud Kohl van Wijngaarden

- Blocks Feature #34126: Deliver EL8 repositories as modular repositories to fix dependency resolution, get automatic dependent module enablement and handle dependency resolution without module_hotfixes added

#2 - 06/08/2022 02:21 PM - Evgeni Golov

- Status changed from New to Closed

- Fixed in Releases 3.3.0 added