

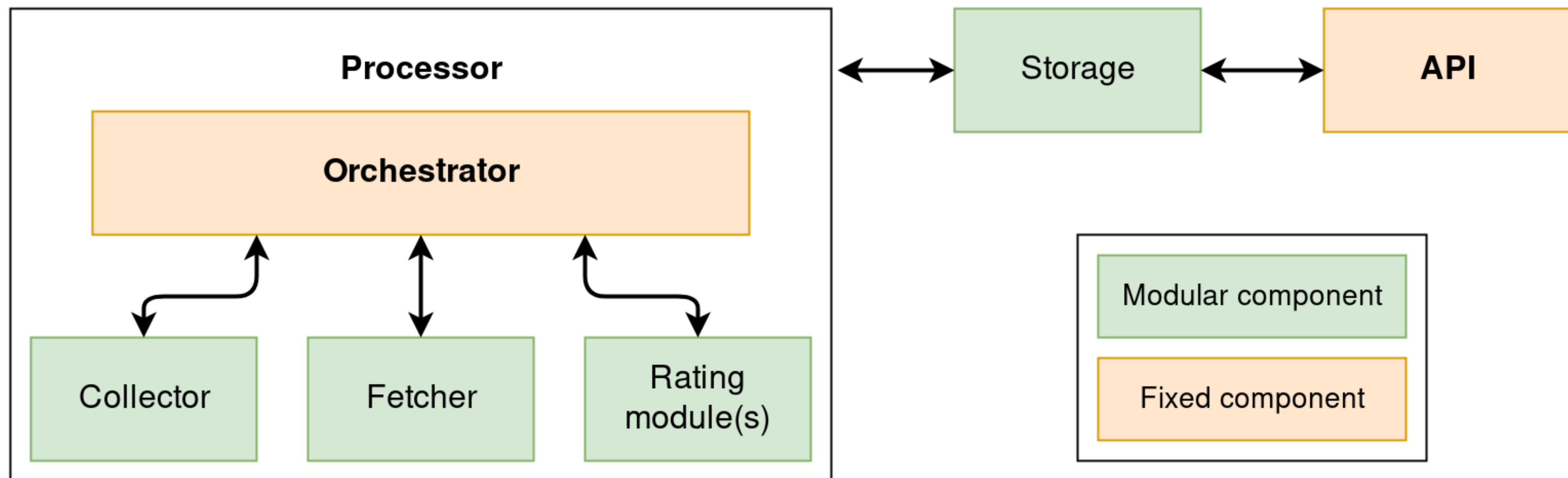
What is Cloudkitty ?

Rating and Chargeback as a Service

- Takes your Gnocchi/Monasca/Prometheus metrics
- Define and Apply a pricing policy
- Integrated with Horizon and Grafana
- Does **not** do billing



How does CloudKitty work ?



OpenStack Stein Features

- **Scope discovery** with Gnocchi.
- **V2 Storage and Grafana** with the new InfluxDB storage backend
- **Improvements in the Prometheus fetcher**
- **Improvements in the Horizon dashboard**
- **V2 API framework**

OpenStack Train

- **Scope discovery with Prometheus**
- **V2 API endpoints for summary, reports and state reset**
- **Second V2 storage backend**

Beyond Train

- **Full port of the V1 API to V2**
- **New rating module** : Support for rulesets, a batch API endpoint and validity periods
- **Standalone client**
- **Still a focus on the community** : Continuous improvement of the documentation, IRC meetings, community goals...

Project components

- **openstack/cloudkitty** : Core --> API and processor
- **openstack/python-cloudkittyclient** : Client
- **openstack/cloudkitty-dashboard** : Horizon UI
- **openstack/cloudkitty-tempest-plugin** : Tempest plugin. Used for gating tests in python 2 and 3.
- **cloudkitty/specs** : Specs for features / changes

Workflow

- We use specs since Stein:
<https://specs.openstack.org/openstack/cloudkitty-specs/>
- One (significant) change == one spec
- We use Storyboard, but don't put too much there
- Ping us on IRC for questions, etc...

Open discussion

<https://etherpad.openstack.org/p/cloudkitty-denver-onboarding>