

AstroMetrics, The Cloud at your CLI

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category: *nix

Access Your Cloud with ONE Tool

General Overview

AstroMetrics is a system by which you can Control your cloud environment using a variety of cloud providers. This CLI tool is being built to work in Openstack environments as well as Rackspace Public Clouds and Amazon AWS.

NOTE

This is a 0.0.0 Release of the tool and while I can confirm things do work, you should expect broken-ness

Information

The backend Library that is doing the heavy lifting is [Apache Libcloud](#) which provides functionality for the majority of cloud providers, however I have only tested and built for the three mentioned providers; Amazon, Openstack, Rackspace.

If you like this project and want to help out, please do. I know that I am not capable of making everything work with every provider for every situation, however with some outside interest we can make it happen.

CLI Client for the Cloud:

```
optional arguments:
  -h, --help                show this help message and exit
  --log-level               Set the Log Level {warn, info, error, critical, debug}
  --debug-mode             Uses the standard "stdout" and "stderr" streams while in Daemon Mode
  -V, --version             show program's version number and exit

Infrastructure Actions:
  <COMMANDS>

  node                     Interactions with Cloud Nodes
  list                    Listing information from the Cloud Provider
  show                    Show information from the Cloud Provider on a resource
  volume                  Interactions with Cloud Volumes

Authentication:
  Authentication against the Cloud API

  -u [USERNAME], --cloud-user [USERNAME]    Defaults to env[CLOUD_USERNAME]
  -t [USERNAME], --cloud-tenant [USERNAME]   Defaults to env[CLOUD_TENANT]
  -a [APIKEY], --cloud-apikey [APIKEY]       Defaults to env[CLOUD_APIKEY]
  -p [PASSWORD], --cloud-password [PASSWORD] Defaults to env[CLOUD_PASSWORD]
  -r [REGION], --cloud-region [REGION]       Defaults to env[CLOUD_REGION]
  --cloud-provider [PROVIDER]                Defaults to env[CLOUD_PROVIDER]
  --cloud-authurl [AUTH_URL]                 Defaults to env[CLOUD_AUTHURL]
  --cloud-version [VERSION_NUM]              Defaults to env[OS_VERSION]

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