

Unlike the single-activity-derived ATC status, AUC is a composite metric - derived from several sources of activity. The method of extracting of the data varies depending on the source, making calculating the overall list of AUC a more complicated process. Accordingly, a robust technical implementation needed to be designed, which is operational today and described at a high level in this section.

Recently, in conjunction with initiatives such as OpenStack ID, the OpenStack Foundation database has been storing more information about OpenStack Foundation members. Today, members have a profile which is linked to their speaker bureau page, survey responses and via other sites, their user group information.

A project was conducted to allow certain appropriate data sources used to derive AUC to be stored alongside OpenStack Foundation Member Profiles.

Implementation

The system was designed with the generic concept of a “Metric” to make it easily extensible as the AUC definition changes. Each Metric has a Service script that is used to automatically derive a list of people qualifying under each AUC criteria. These work to a common framework whether the information lived in existing Foundation databases or needed to be gathered from external sites.

List of service scripts per AUC Metric:

- Organizers of Official OpenStack User Groups
 - <https://github.com/OpenStackweb/openstack-org/blob/master/auc-metrics/code/services/OfficialUserGroupOrganizerService.php>
- Active members and contributors to Functional Teams and/or Working Groups.
 - https://github.com/openstack/uc-recognition/blob/master/tools/get_active_wg_members.py
- Contributors to any repository under the UC governance (e.g. os-ops and user stories)
 - https://github.com/openstack/uc-recognition/blob/master/tools/get_active_committers.py
- Track chairs for OpenStack Summits
 - <https://github.com/OpenStackweb/openstack-org/blob/master/auc-metrics/code/services/TrackChairService.php>
- Contributors to superuser (articles, interviews, user stories, etc.)
 - <https://github.com/OpenStackweb/openstack-org/blob/master/auc-metrics/code/services/SuperuserService.php>
- Active moderators on ask.openstack
 - https://github.com/openstack/uc-recognition/blob/master/tools/get_active_moderator.py
- Moderators of any of the Operators official meet-up sessions
 - Currently manually calculated.

These scripts are run daily and a matching process occurs to map their results to Foundation Member accounts, using a combination of OpenStackID Information, email address, Ask OpenStack username or IRC nickname depending on the metric. A report of any failed matches is sent to an administrator.

Data is currently available via a CSV spreadsheet download, however it is planned that an API will be implemented in the future to encourage re-use of the data.