Twenty-six categories of projects in OpenStack

Project category	Description	Example
Computing	To implement services and associated libraries regarding computing.	Nova
Networking	To provide capabilities for managing dynamic host configuration protocol (DHCP), static Internet protocols, or virtual area networks.	Neutron
Deployment Tools	To deploy OpenStack production environments, and make it scalable to operate and upgrade.	Fuel
Orchestration	To provide interface and tools for the management of OpenStack services.	Heat
Billing	To provide billing solution by collecting data generated using cloud services and applying rating rules to calculate prices.	Cloudkitty
Documentation	To document guides which can help users to install and use, and help contributors to participate; to document the requirements collected from all the OpenStack users.	openstack-manuals
Libraries	To optimize the code architecture by developing and sharing common libraries.	oslo
Workload Provisioning	To implement services and libraries about database, data processing and searching, to realize workload balancing.	Trove
Optimization/Policy tools	To provide services for performance analysis and optimization of OpenStack.	Congress
Plugin/Driver	To facilitate integration of OpenStack and other hardware or software infrastructure.	Winstackers
Storage	To implement services, associated libraries, and protocols regarding storage functionality.	Swift
Edge Cloud	To implement the service related to edge computing.	Apmec
Machine Learning	To provide machine learning service on top of OpenStack.	Cognitive
Governance	To provide governance as a service to ensure the stable evolution of the OpenStack community.	Governance
Quality Assurance	Develop maintain and initiate tools and plans to ensure the upstream stability and quality of OpenStack.	Refstack
Monitoring Tools	To provide monitoring service that can be used by both operators and tenants to gain operational insight and visibility ensuring availability and stability.	Monasca
Packaging	To provide tooling to package all OpenStack projects directly for all RPM based distributions.	Packetary
Container	To bridge container frame to the services of OpenStack.	Fuxi
Development Infrastructure	To provide infrastructure for the development of OpenStack	Gerrit
Localization	To localize projects to allow OpenStack to be used in different countries/areas.	i18n
Web Frontend	To provide web based user interface for all OpenStack services.	Horizon
Application	To develop, publish, and manage various cloud-ready applications in OpenStack	Murano

Bare Metal	To deploy OpenStack to bare metal.	Kayobe
Shared Services	To provide services and associated libraries to store and share data.	Glance
Security and Compliance	To deal with security and compliance problems for many purposes, such as legal requirements, customer needs, privacy considerations	Ossa
Community Build	To record, manage, and monitor the participation activities of the members of community, e.g., the number of commits contributed by each company	Stackalytics