OpenStack-Ansible Documentation: os_rally role
Release 18.1.0.dev133

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CONTENTS

This Ansible role installs and configures OpenStack Rally.

To clone or view the source code for this repository, visit the role repository for os_rally.

DEFAULT VARIABLES

```yaml
#python venv executable
rally_venv_python_executable: "{{ openstack_venv_python_executable | default(
 'python3') }}"

# Set the package install state for distribution and pip packages
# Options are 'present' and 'latest'
rally_package_state: "latest"
rally_pip_package_state: "latest"

rally_system_group_name: rally
rally_system_user_name: rally
rally_system_user_comment: Rally System User
rally_system_user_shell: /bin/false
rally_system_user_home: "/var/lib/{{ rally_system_user_name }}"
rally_etc_directory: /etc/rally

rally_pip_install_args: "{{ pip_install_options | default('') }}"

# Name of the virtual env to deploy into
rally_venv_tag: "{{ venv_tag | default('untagged') }}"
rally_bin: "/openstack/venvs/rally-{{ rally_venv_tag }}/bin"

# Database vars
rally_db_setup_host: "{{ openstack_db_setup_host | default('localhost') }}"
rally_db_setup_python_interpreter: "{{ openstack_db_setup_python_interpreter
 | default((rally_db_setup_host == 'localhost') | ternary(ansible_playbook_
 python, ansible_facts['python']['executable'])) }}"
rally_galera_address: "{{ galera_address | default('127.0.0.1') }}"
rally_galera_port: 3306
rally_galera_database: rally
rally_galera_user: rally
rally_database_connection_string: mysql+pymysql://{{ rally_galera_user }}:{{
 rally_galera_password }}@{{ rally_galera_address }}/{{ rally_galera_
 database }}?charset=utf8

rally_openstack_git_repo: https://opendev.org/openstack/rally-openstack
rally_openstack_git_install_branch: ba45f16ef1245757a9e275df5cfa28b8dd954016
# NOTE(mnaser): This uses the Rally upper-constraints because it
```

(continues on next page)

```yaml
#             is branchless and maintains it's own constraints,
#             outside of requirements.
rally_upper_constraints_url: "{{ rally_openstack_git_repo }}/raw/{{ rally_
↪openstack_git_install_branch }}/upper-constraints.txt"
rally_git_constraints:
  - "--constraint {{ rally_upper_constraints_url }}"
rally_pip_packages:
  - "git+{{ rally_openstack_git_repo }}@{{ rally_openstack_git_install_branch_
↪}}#egg=rally-openstack"
  - PyMySQL

rally_config_overrides: {}
```

DEPENDENCIES

This role needs pip >= 7.1 installed on the target host.

To use this role, the following variables must be defined:

- `rally_galera_address`
- `rally_galera_password`

EXAMPLE PLAYBOOK

```yaml
---
- name: Install Rally server
  hosts: rally_all
  user: root
  roles:
    - role: "os_rally"
```