# Openstack代码层次

基础代码:/usr/lib/python2.7/dist-packages/horizon

dashboard代码:/usr/share/openstack-dashboard

参考文章:

[http://docs.openstack.org/developer/horizon/topics/tutorial.html](http://docs.openstack.org/developer/horizon/topics/tutorial.html(openstack实?)

<http://www.open-open.com/lib/view/open1389792987430.html>

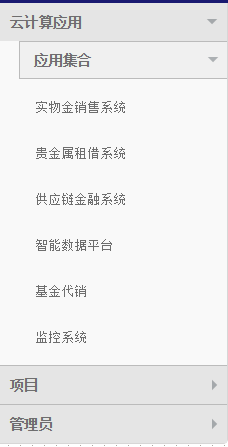
<http://www.tuicool.com/articles/b2UVniF>

http://www.haogongju.net/art/2829011

# 加菜单步骤

## 加dashboard

所谓的dashboard，类似于第一层的大菜单(如下面的云计算应用、项目、管理员这3个大菜单)



* 新增1个第三方的应用

ssh到controller节点的/usr/share/openstack-dashboard/openstack\_dashboard/dashboards目录，复制已经存在的目录settings目录到thirdmodule(cp -r settings thirdmodule)

* 将应用配置到enable下面

在/usr/share/openstack-dashboard/openstack\_dashboard/enabled/下新建“\_10\_thirdmodule.py”

内容如下:(备注:该文件的作用是加入1个thirdmodule的app)

DASHBOARD = 'thirdmodule'

# If set to True, this dashboard will not be added to the settings.

DISABLED = False

# A list of applications to be added to INSTALLED\_APPS.

ADD\_INSTALLED\_APPS = [

'openstack\_dashboard.dashboards.thirdmodule',

]

* 将thirdmodule注册到Dashboard

controller@controller1:/usr/share/openstack-dashboard/openstack\_dashboard/dashboards/thirdmodule$ vi dashboard.py

from django.utils.translation import ugettext\_lazy as \_

import horizon

class ProjectgroupsPanels(horizon.PanelGroup):

slug = "projectgroups"

name = \_("Projectgroups")

panels = ('shiwujin',

'guijinshu',

'scfinance',

'znsjpt',

'jjdx',

'zabbix'

)

class Thirdmodule(horizon.Dashboard):

name = \_("Thirdmodule")

slug = "thirdmodule"

panels = (ProjectgroupsPanels,) # Add your panels here.

default\_panel = 'shiwujin' # Specify the slug of the dashboard's default panel.

supports\_tenants = True

horizon.register(Thirdmodule)

## 加panel

上图中的应用集合是panelGroup、实物金销售系统是pannel

* 新增pannel

将已经存在的一个panel拷贝到thirdmodule目录下.如shiwujin

将pannel注册到PannelGroup里面，请参考../dashboard.py里面。

## 加页面

找到shiwujin/ constants.py，修改TEMPLATE\_NAME= 'thirdmodule/shiwujin/index.html'，

修改里面的index.html，对自己所渲染的页面进行修改。

对其他的tabs.py、urls.py、views.py等按照自己的业务逻辑进行修改！

## 国际化

找到openstack\_dashboard/locale/zh\_CN/LC\_MESSAGES的django.po，加入需要国际化的字段

#:dashboards/thirdmodule/dashboard.py:14

msgid "Thirdmodule"

msgstr "云计算应用"

#:dashboards/thirdmodule/dashboard.py:8

msgid "Projectgroups"

msgstr "应用集合"

#:dashboards/thirdmodule/shiwujin/panel.py:29

msgid "Shiwujin"

msgstr "实物金销售系统"

#:dashboards/thirdmodule/guijinshu/panel.py:29

msgid "Guijinshu"

msgstr "贵金属租借系统"

#:dashboards/thirdmodule/scfinance/panel.py:29

msgid "Scfinance"

msgstr "供应链金融系统"

#:dashboards/thirdmodule/znsjpt/panel.py:29

msgid "Znsjpt"

msgstr "智能数据平台"

#:dashboards/thirdmodule/jjdx/panel.py:29

msgid "Jjdx"

msgstr "基金代销"

#:dashboards/thirdmodule/zabbix/panel.py:29

msgid "Zabbix"

msgstr "监控系统"，

将django.po编译成django.mo

msgfmt --statistics --verbose -o django.mo django.po