Swift Client Python API 使用

QL，2013/10/28

# 安装swiftclient

## 需要python2.7以上版本

检查是否2.7版本

|  |
| --- |
| python2.7 -V |

如果不是2.7版本，请下载安装

## 安装python-keystoneclient

安装依赖

|  |
| --- |
| sudo apt-get install git python-pip python-dev autoconf python-babel |

安装

|  |
| --- |
| cd ~  git clone https://github.com/openstack/python-keystoneclient.git  cd python-keystoneclient  sudo pip install -r requirements.txt  sudo pip install -r test-requirements.txt  sudo python setup.py develop |

## 安装python-swiftclient

|  |
| --- |
| cd ~  git clone https://github.com/openstack/python-swiftclient.git  cd python-swiftclient  sudo pip install -r requirements.txt  sudo pip install -r test-requirements.txt  sudo python setup.py develop |

## 测试python-API

进入swiftclient文件夹，调用python解析器

|  |
| --- |
| cd ~/swiftclient  python |

在python解析器下测试swiftclient-python-api

|  |
| --- |
| import sys  #将client.py所在路径添加到系统路径下  sys.path.append("/home/gateway/swiftclient/python-swiftclient/swiftclient")  import client  authurl='http://192.168.3.9:5000/v2.0/'  user='swift'  key='111111'  #Connection实例化  auth = client.Connection(authurl, user, key, tenant\_name='service', auth\_version="2")  #创建名为swift的container  auth.put\_container('swiftPythonTest')  #上传test.docx的文件到名为swift的container中  auth.put\_object('swift', 'test.docx', open('test.docx', 'rb'))  #下载名为swift的container中的test.docx到指定目录  headers, body = auth.get\_object('swift', 'test.docx')  fp = open('/root/testload.docx', 'wb')  for chunk in body:  fp.write(chunk)  fp.close() |