#!/usr/bin/python2.7

from subprocess import check\_output, STDOUT

import requests

import json

#Step 0 uses the 'curl' command to remove application

print "Step 0 of 4: removing old application from MMC"

result = requests.get('http://52.73.56.141:8080/mmc/api/repository', auth=('esb-deployer', 'Esbdeployer123!'))

json\_data = result.json()

data = json\_data['data']

for item in data:

#print item['name']

if item['name'] == 'ms3-recruiting-api':

print item

print 'Attempting to delete only the first version'

id = item['versions'][0]['id']

result = requests.delete('http://52.73.56.141:8080/mmc/api/repository/' + id , auth=('esb-deployer', 'Esbdeployer123!'))

print result

break

result = requests.get('http://52.73.56.141:8080/mmc/api/deployments', auth=('esb-deployer', 'Esbdeployer123!'))

json\_data = result.json()

data = json\_data['data']

for item in data:

#print item['name']

if item['name'] == 'ms3-recruiting-api':

print item['id']

print 'Attempting to delete the deployment'

id = item['id']

result = requests.delete('http://52.73.56.141:8080/mmc/api/deployments/' + id , auth=('esb-deployer', 'Esbdeployer123!'))

print result

break

# Step 1 uses the 'curl' command as it is

print "Step 1 of 4: Attempting to upload to MMC"

response = check\_output(["curl", "--basic", "-u", "esb-deployer:Esbdeployer123!", "-F", "file=@/var/lib/jenkins/workspace/ms3-recruiting-api-dev/target/ms3-recruiting-api-1.0.0-SNAPSHOT.zip", "-F", "name=ms3-recruiting-api", "-F", "version=1.0.0", "--header", "\"Content-Type: multipart/form-data\"", "http://52.73.56.141:8080/mmc/api/repository"])

#print 'response: ' + str(response)

try:

parsed\_response = json.loads(response)

print "Your applicationId is: " + parsed\_response[u'applicationId']

version\_id = parsed\_response[u'versionId']

print "Your versionId is: " + parsed\_response[u'versionId']

except:

print 'Failed to upload: Reason unknown'

# Step 2 uses Python's "requests" library in place of 'curl' command

print "Step 2 of 4: Attempting to deploy the upload"

headers={'Content-Type': 'application/json'}

payload={"name":"ms3-recruiting-api", "servers":["local$9fd06b75-8a7f-46ed-98fd-3f6e9fe6005e"], "applications":[version\_id]}

#for elem in payload["applications"]:

# print "applications" + ":" + elem

r = requests.post('http://52.73.56.141:8080/mmc/api/deployments', auth=('esb-deployer','Esbdeployer123!'), headers=headers, json=payload)

print r.text

print 'Type is:'

print type(r.text)

parsed\_response = json.loads(r.text)

print 'Parsed Response is:'

print parsed\_response

id = parsed\_response[u'id']

print "your Id is: " + parsed\_response[u'id']

# step 3 uses Python to run curl command

print "step 3 of 4: Attempting to start the application"

r= requests.post('http://52.73.56.141:8080/mmc/api/deployments/' + id +'/deploy', auth=('esb-deployer','Esbdeployer123!'))

print r.text

# step 4 uses Python's to verify curl command

print "step 4 of 4: Attempting to verify application status"

r= requests.get('http://52.73.56.141:8080/mmc/api/deployments/' + id , auth=('esb-deployer','Esbdeployer123!'))

print r.text