**ckanext-api**

**## Installation and Setup**

**# Install**

. /usr/lib/ckan/default/bin/active

cd /usr/lib/ckan/default/src/ckanext-api

pip install -r pip-requirements.txt

python setup.py develop

**# Configuration**

vim /etc/ckan/default/production.ini

ckan.plugins = (others) api

**# Init Database**

. /usr/lib/ckan/default/bin/active

cd /usr/lib/ckan/default/src/ckanext-api

paster --plugin=ckan initdb -c /etc/ckan/default/production.ini

**# Restart Apache**

sudo service apache2 restart

**# Check Custom Paramaters**

# Download Limit

ckan.limit = 100000

# send email [contact us service]

smtp.server = smtp.exmail.qq.com

smtp.user = ms\_scm@missionsky.com

smtp.password = ms\_server1\_scm

smtp.contact\_user = 'accela account'

**## API Documentation**

**# Geometry API**

**1. /geometry/{organization\_id}?spatial={GeoJSON}**

Add GeoJSON into database

**2. /geometry/organization/{organization\_id}**

Get GeoJSON by {organization\_id}

**Edit: data\_view.js**

Var org\_id = $("#data-organization-id", window.parent.document).attr("data-organization-id");

if(org\_id.length > 0) {

$.ajax({

url: endPoint + "/geometry/organization/" + org\_id,

type: 'get',

success: function(data) {

if(data.success) {

var states = [{

"type": "Feature",

"properties": {},

"geometry": $.parseJSON(data.result.spatial)

}];

L.geoJson(states, {

style: function(feature) {

return {color: "#ff0000"}

}

}).addTo(map);

}

}

});

}

**# Contact Us API**

**Configration**

smtp.server = smtp.exmail.qq.com

smtp.user = ms\_scm@missionsky.com

smtp.password = ms\_server1\_scm

smtp.contact\_user = 'accela account'

**1. /create\_contact**

Create a contact information. And send email to accela account.

**paramaters:**

name - string: customer's name

email\_address - string: Email Address

phone\_number - string: Phone Number

government\_agency - string(optional): Government Agency

job\_title - string(optional): Job Title

message - string(optional): Message

**Return type: dictionary**

**2. /contact\_list**

Return contact's list

**paramaters:**

id - string(optional): the id of the contact

name - string(optional): the name of the contact

email\_address - string(optional): Email Address

phone\_number - string(optional): Phone number

offset - int(optional, default: 0): where to start getting activity items

limit - int(optional, default: 10): the maximum number of activities to return

**Return type: list of dictionaries**