Initialize API

Get API Keys

Gmail: [bret.costain.mygov@gmail.com](mailto:bret.costain.mygov@gmail.com)

userID: 102823877180866545771

API Key: AIzaSyA7KrZQYcgLzO0c4ObJL9G0f3IIsznpmro

Export Gmail User Address

GET [https://www.googleapis.com/plus/v1/people/102823877180866545771?fields=placesLived&key={YOUR\_API\_KEY](https://www.googleapis.com/plus/v1/people/102823877180866545771?fields=placesLived&key=%7bYOUR_API_KEY)}

GET https://www.googleapis.com/plus/v1/people/{userID}?fields=placesLived&key={YOUR\_API\_KEY}

Query Civic Information API

GET https://www.googleapis.com/civicinfo/v2/representatives?address=725+adobe+canyon+road+kenwood+ca&key={YOUR\_API\_KEY}

Parse voterInfoQuery Response

Create contact records for each

{

 "kind": "civicinfo#voterinforesponse",

 "status": "success",

 "election": {

  "id": "2000",

  "name": "VIP Test Election",

  "electionDay": "2013-06-06"

 },

 "normalizedInput": {

  "line1": "1263 Pacific Ave",

  "city": "Kansas City",

  "state": "KS",

  "zip": "66102"

 },

 "pollingLocations": [

  {

   "address": {

    "locationName": "National Guard Armory",

    "line1": "100 S 20th St",

    "line2": "",

    "line3": "",

    "city": "Kansas City",

    "state": "KS",

    "zip": "66102 "

   },

   "pollingHours": " - "

  }

 ],

 "contests": [

  {

   "type": "General",

   "office": "Attorney"

  },

  {

   "type": "General",

   "office": "Sheriff"

  },

  {

   "type": "General",

   "office": "Kansas Representative 32",

   "district": {

    "name": "Kansas Representative 32",

    "scope": "stateLower",

    "id": "32"

   },

   "sources": [

    {

     "name": "Voting Information Project",

     "official": true

    }

   ]

  },

  {

   "type": "General",

   "office": "Governor/Lt. Governor",

   "candidates": [

    {

     "name": "Andrew P.  Gray",

     "party": "Libertarian",

     "email": "chair@lpks.org"

    },

    {

     "name": "Kenneth (ken) W. Cannon",

     "party": "Reform"

    },

    {

     "name": "Tom Holland",

     "party": "Democratic",

     "candidateUrl": "www.tomhollandforkansas.com",

     "email": "info@tomhollandforkansas.com"

    },

    {

     "name": "Sam Brownback",

     "party": "Republican",

     "candidateUrl": "www.brownbackforkansas.com",

     "email": "media@brownback.com"

    }

   ]

  },

  {

   "type": "General",

   "office": "KCKCC Member AL Brd of Trustee"

  },

  {

   "type": "General",

   "office": "Secretary of State",

   "candidates": [

    {

     "name": "Chris Biggs",

     "party": "Democratic"

    },

    {

     "name": "Kris Kobach",

     "party": "Republican"

    },

    {

     "name": "Phillip Horatio Lucas",

     "party": "Libertarian"

    },

    {

     "name": "Derek Langseth",

     "party": "Reform"

    }

   ]

  },

  {

   "type": "General",

   "office": "U.S. Senate",

   "district": {

    "name": "U.S. Senate",

    "scope": "statewide",

    "id": "5"

   },

   "candidates": [

    {

     "name": "Lisa Johnston",

     "party": "Democratic",

     "candidateUrl": "www.lisaforkansas.com",

     "phone": "913-662-1457",

     "email": "lisa@lisaforkansas.com"

    },

    {

     "name": "Jerry Moran",

     "party": "Republican"

    },

    {

     "name": "Michael Wm. Dann",

     "party": "Libertarian"

    },

    {

     "name": "Joseph (joe) K. Bellis",

     "party": "Reform"

    }

   ],

   "sources": [

    {

     "name": "Voting Information Project",

     "official": true

    }

   ]

  },

  {

   "type": "General",

   "office": "BD of Public Utilities 2"

  },

  {

   "type": "General",

   "office": "Attorney General",

   "candidates": [

    {

     "name": "Steve Six",

     "party": "Democratic"

    },

    {

     "name": "Derek Schmidt",

     "party": "Republican"

    },

    {

     "name": "Dennis Hawver",

     "party": "Libertarian"

    }

   ]

  },

  {

   "type": "General",

   "office": "U.S. Representative 3"

  },

  {

   "type": "General",

   "office": "Governor/Lt. Governor",

   "district": {

    "name": "Governor/Lt. Governor",

    "scope": "statewide",

    "id": "1"

   },

   "candidates": [

    {

     "name": "Andrew P.  Gray",

     "party": "Libertarian",

     "email": "chair@lpks.org"

    },

    {

     "name": "Kenneth (ken) W. Cannon",

     "party": "Reform"

    },

    {

     "name": "Tom Holland",

     "party": "Democratic",

     "candidateUrl": "www.tomhollandforkansas.com",

     "email": "info@tomhollandforkansas.com"

    },

    {

     "name": "Sam Brownback",

     "party": "Republican",

     "candidateUrl": "www.brownbackforkansas.com",

     "email": "media@brownback.com"

    }

   ],

   "sources": [

    {

     "name": "Voting Information Project",

     "official": true

    }

   ]

  },

  {

   "type": "General",

   "office": "Commissioner-At-Large 2"

  },

  {

   "type": "General",

   "office": "Kansas Senate 6"

  },

  {

   "type": "General",

   "office": "Clerk"

  },

  {

   "type": "General",

   "office": "President / Vice President"

  },

  {

   "type": "General",

   "office": "Register of Deeds"

  },

  {

   "type": "General",

   "office": "BD of Public Utilities (AL)"

  },

  {

   "type": "General",

   "office": "Commissioner 2"

  },

  {

   "type": "General",

   "office": "USD 500"

  },

  {

   "type": "General",

   "office": "State Board of Education 1"

  },

  {

   "type": "General",

   "office": "Treasurer"

  }

 ],

 "state": [

  {

   "name": "State of Kansas",

   "electionAdministrationBody": {

    "name": "Kansas",

    "electionOfficials": [

     {

      "name": "Brad Bryant",

      "title": "Election Director",

      "officePhoneNumber": "785-296-4561",

      "emailAddress": "cclark@essvote.com"

     }

    ]

   },

   "local\_jurisdiction": {

    "name": "Wyandotte",

    "electionAdministrationBody": {

     "name": "Wyandotte",

     "electionInfoUrl": "http://www.wycokck.org/election",

     "electionOfficials": [

      {

       "name": "Bruce Newby",

       "title": "Election Commissioner",

       "officePhoneNumber": "(913) 573-8500",

       "emailAddress": "hbbrooks@essvote.com"

      }

     ]

    },

    "sources": [

     {

      "name": "Voting Information Project",

      "official": true

     }

    ]

   },

   "sources": [

    {

     "name": "Voting Information Project",

     "official": true

    }

   ]

  }

 ]

}

Create New Contacts in Gmail User Account

Create New Contacts to Groups named “MyGov”

<entry xmlns='http://www.w3.org/2005/Atom'

    gd:etag='ETAG'>

  <id>http://www.google.com/m8/feeds/groups/userEmail/base/groupID</id>

  <updated>2008-12-10T04:44:37.324Z</updated>

  <category scheme='http://schemas.google.com/g/2005#kind'

    term='http://schemas.google.com/contact/2008#group'/>

  <atom:title type="text">MyGov2015</atom:title>

  <gd:extendedProperty name="more info about the group">

    <info>My government officials for 2015</info>

  </gd:extendedProperty>

  <link rel='self' type='application/atom+xml'

    href='https://www.google.com/m8/feeds/groups/userEmail/full/groupID'/>

  <link rel='edit' type='application/atom+xml'

    href='https://www.google.com/m8/feeds/groups/userEmail/full/groupID'/>

</entry>

**Assign New Contacts to Groups named “MyGov”**

[To change a contact's group membership, edit the contact's gd:groupMembershipInfo fields to reflect the new group this contact belongs to and send an update request to the API.]