Python flask.request.data() Examples

The following are code examples for showing how to use *flask.request.data()*. They are from open source Python projects. You can vote up the examples you like or vote down the ones you don't like.

Example 1

Project: *BOP2017* Author: *crh19970307* File: *test_for_flask.py* MIT License 7 vo

```
def real_time_api():
        if request.method == 'POST':
                #question=request.data
                #question=request.data
                data2,model2=loaddata()
                datadict=request.form
                print(datadict['que'])
                #print(data2)
                #return datadict['que']

                print(request.form)
                print(request.args)
                print(request.values)
                print(request.cookies)
                #dataDict = request.data
                print(request.data)

                #print(dataDict)
                #print(dataDict)
                #return str(dataDict)
                #return 'hdlkgjahbadks'
                return datadict['que']
        else:
                return'ghjk'
```

Example 2

Project: *neu-eone.py* Author: *yearsyan* File: *server.py* MIT License 6 vo

```
def getNewTermCourse():
    data = json.loads(request.data)
    stu = neu.NeuStu(data['stuID'],data['stuPass'])
    response = {"message": "教务处可以正常访问，获取即时数据", "code": 200}
    if stu.success:
        try:
            # 尝试获取课程
            courses =  stu.get_course( transformer[data['term']]['schoolYear'], t
        except:
            response['message']="访问教务处错误"
            response['code']=500
            courses = []
    else:
        response['message'] = "登录错误"
        response['code'] = 400
        courses=[]
    response['data']=courses
    return json.dumps(response,ensure_ascii=False)
```

Example 3

Project: *wemoo-center* Author: *wemoo* File: *webhook.py* MIT License 6 vo

```
def webhook():
    data = simplejson.loads(request.data)
    print(data)

    event = data.get('event')
    repo = data.get('repository')
    if not repo:
        print('>>> not a repo')
        return render.ok('not a repo')

    repo_name = repo.get('name')
    if not repo_name:
        print('>>> repo name missing')
        return render.ok('repo name missing')

    if event in ('push', 'merge_request', 'pull_request'):
        if repo_name in ('test'):
            output = str(execute(script, 300), 'utf-8')
            print(output)
            return render.ok(output)

    return render.ok()
```

Example 4

Project: *wemoo-center* Author: *wemoo* File: *hosts.py* MIT License 6 vo

```
def hosts_post():
    data = simplejson.loads(request.data)

    now = datetime.datetime.now()
    result = Host.objects(uuid=data['uuid']).update(
        set__system=data['system'],
        set__hostname=data['node'],
        set__release=data['release'],
        set__version=data['version'],
        set__machine=data['machine'],
        set__processor=data['processor'],
        set_on_insert__created_at=now,
        updated_at=now,
        upsert=True)

    if result > 0:
        host = Host.objects(uuid=data['uuid']).get(0)
        return render.ok(host.to_dict())
    else:
        return render.error()
```

Example 5

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 6 vo

```
def license_create():
    data_update = json.loads(request.data)
    if 'licenses' not in database:
        database.update({'licenses': []})
    data_src = get_object_id('licenses', 'license', data_update['license'])
```

```
    if data_src != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already exists')['message']), '409'
    new = {'license': data_update['license'],
           'ID': '255d9673-7281-43c4-be57-fdec677f6e07',
           'isClusterLicense': 'True',
           'description': 'None',
           'company': 'Compagny-1',
           'allowedNICsCount': '100',
           'allowedVMsCount': '100',
           'productVersion': '2',
           'majorRelease': '6',
           'expirationDate': 1500000000000}
    database['licenses'].append(new)
    return json.dumps([get_object_id('licenses', 'ID', '255d9673-7281-43c4-be57-fc
```

Example 6

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License 6 vo

```
def get_handle_for_mac(mac):
    """ For a given mac in XXXXXXXXXXXX format return a string with
        the handle associated with the mac address. In the event
        that we don't find a handle we return a string of dashes.
    """
    # Staff handles will be displayed as STAFF in the leaderboard.
    # TODO: Put this in config?
    staff = ['btm', 'Terry', 'effffn', 'ipl31', 'kencaruso', 'sandinak', 'robotlar
    missing_handle = "--------"
    query = "SELECT * FROM handles WHERE `badge_mac`='{0}'".format(mac)
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchall()
    conn.close()
    try:
        result = data[0][2].strip()
    except IndexError:
        result = missing_handle
    if result in staff:
        return "{0} *STAFF".format(result)
    return result
```

Example 7

Project: *bitcointalk-sentiment* Author: *DolphinBlockchainIntelligence* File: *embedding_server.py* MIT License 6 vo

```
def transform():
    if model is None:
        abort(500, 'Model is not initialized.')
    global maxSeqLength
    global numFeatures
    global model
    response = {}
    for item in request.data['texts']:
        try:
            id = item['id']
            vector_sequence = get_sequence_matrix(get_tokens(item['text']), maxSeq
            response[id] = vector_sequence
        except KeyError as e:
```

```
            abort(400, 'Wrong JSON format, key %s' % e)
        except Exception as e:
            abort(500, 'Internal server error: %s' % str(e))
        return jsonify(response)
```

Example 8

Project: *LayersBox* Author: *learning-layers* File: *layersbox-studio.py* Apache License 2.0 6 vo

```
def layersbox_container_status():
        proc = subprocess.Popen(['python', 'layersbox', 'status'],stdout=subproces
        result = []
        proc.stdout.readline()
        proc.stdout.readline()
        while True:
                line = proc.stdout.readline()
                if line != '':
                        data = {}
                        #the real code does filtering here
                        rarr = re.sub('   +','   ',line.rstrip()).split("   ")
                        if(len(rarr)<3):
                                break
                        data["component"] =  rarr[0]
                        data["cmd"] =  rarr[1]
                        data["status"] =  rarr[2]
                        if(len(rarr)>3):
                                data["ports"] =  rarr[3]
                        result.append(data)
                else:
                        break
        return flask.jsonify(*result)
```

Example 9

Project: *ServerSan* Author: *BennyThink* File: *webhook.py* Apache License 2.0 6 vo

```
def create():
    try:
        d = json.loads(request.data)
    except ValueError:
        return json.dumps({'status': 1, 'info': 'request failed.'})

    current_ts = time.time()
    _id = False
    d.update(timestamp=current_ts)

    perm = ts_can_insert(d.get('auth'), current_ts) and token_can_insert(d.get('au

    if perm:
        _id = col.insert_one(d).inserted_id
    if _id:
        return json.dumps({'status': 0, 'info': 'success'})
    else:
        return json.dumps({'status': 2, 'info': 'op too frequent or invalid token.
```

Example 10

Project: *social-relay* Author: *jaywink* File: *views.py* GNU Affero General Public License v3.0 6 vo

```
def receive_public():
    if not request.data:
        return abort(404)

    # Queue to rq for processing
    public_queue.enqueue("workers.receive.process", request.data, timeout=app.con

    # Log statistics
    log_receive_statistics(request.remote_addr)

    # return 200 whatever
    data = {
        'result': 'ok',
    }
    js = json.dumps(data)
    return Response(js, status=200, mimetype='application/json')
```

Example 11

Project: *BOP2017* Author: *crh19970307* File: *webserver.py* MIT License 6 vo

```
def real_time_api():
        if request.method == 'POST':
                #question=request.data
                #question=request.data
                data2,model2=loaddata()
                datadict=request.form
                print(datadict['que'])
                #print(data2)
                #return datadict['que']

                print(request.form)
                print(request.args)
                print(request.values)
                print(request.cookies)
                #dataDict = request.data
                print(request.data)

                #print(dataDict)
                #print(dataDict)
                #return str(dataDict)
                #return 'hdlkgjahbadks'
                return getanswer(datadict['que'],data2,model2)
        else:
                return'ghjk'
```

Example 12

Project: *BOP2017* Author: *crh19970307* File: *webserver-v2.py* MIT License 6 vo

```
def loaddata():
    f = open('baike.txt', 'r', encoding='utf-8')
    r = f.read()
    # print(r[0])
    data = re.sub(r'\s+', ' ', r)
    data = re.split('[! ? 。; ;!?]', data)
    model = load_model('model/0.608113.h5')
    global graph
    graph = tf.get_default_graph()
    return data, model
    '''
```

```
    f2=open('baike-process.txt','w')
    f2.write(str(data))
    f2.close()
    '''


# print(data[0:10])
```

Example 13

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def post(self):
        '''
        新建相册
        '''
        post_data = request.data
        user = request.user
        name = post_data.pop('name', None)
        description = post_data.pop('description', None)
        if name is None:
            return HTTP.BAD_REQUEST(message='相册名称不能为空')
        album = Album(name=name, user=user)
        if description is not None:
            album.description = description
        album.save()
        serializer = AlbumSerializer(album)
        return HTTP.OK(data=serializer.data)
```

Example 14

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def put(self, pk):
        '''
        修改相册
        '''
        post_data = request.data
        user = request.user
        name = post_data.pop('name', None)
        description = post_data.pop('description', None)
        album = Album.query.filter_by(id=pk, user=user).get_or_404('相册不存在')
        if name is not None:
            album.name = name
        if description is not None:
            album.description = description
        album.save()
        serializer = AlbumSerializer(album)
        album.delete()
        return HTTP.OK(data=serializer.data)
```

Example 15

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def get(self):
        '''
        获取图片列表
        '''
```

```
        query_dict = request.data
        user = request.user
        page, number = self.page_info
        keys = ['name', 'description']
        order_by = gen_order_by(query_dict, keys)
        filter_dict = gen_filter_dict(query_dict, keys, user=user)
        album = query_dict.pop('album', None)
        if album is not None:
            filter_dict.update(album__id=album)
        images = Image.query.filter_by(
            **filter_dict).order_by(*order_by).paginate(page, number)
        serializer = ImageSerializer(images.items, True)
        pageinfo = PageInfo(images)
        return HTTP.OK(data=serializer.data, pageinfo=pageinfo)
```

Example 16

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def put(self, pk):
        '''
        修改图片信息
        '''
        post_data = request.data
        user = request.user
        name = post_data.pop('name', None)
        description = post_data.pop('description', None)
        image = Image.query.filter_by(id=pk, user=user).get_or_404('图片不存在')
        if name is not None:
            image.name = name
            image.url = os.path.join(image.path, name)
        if description is not None:
            image.description = description
        image.save()
        serializer = ImageSerializer(image)
        return HTTP.OK(data=serializer.data)
```

Example 17

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def delete(self, pk):
        '''
        删除图片
        '''
        user = request.user
        image = Image.query.filter_by(id=pk, user=user).get_or_404('图片不存在')
        serializer = ImageSerializer(image)
        img_path = os.path.join(current_app.config['UPLOAD_FOLDER_ROOT'],
                                image.url)
        # 删除原图
        if os.path.exists(img_path):
            os.remove(img_path)
        # 删除缩略图
        thumb_path = os.path.join(current_app.config['UPLOAD_FOLDER_ROOT'],
                                  image.url.replace('photo', 'thumb'))
        if os.path.exists(thumb_path):
            os.remove(thumb_path)
        image.delete()
        return HTTP.OK(data=serializer.data)
```

Example 18

Project: *gym* Author: *intrig-unicamp* File: *main.py* Apache License 2.0 6 vo

```
def send_msg(self, _type, url, message, **kwargs):
        response = None
        try:
            if _type == 'post':
                response = requests.post(url, headers=WebClient.headers, data=mes
            elif _type == 'put':
                response = requests.put(url, headers=WebClient.headers, data=mess
            elif _type == 'get':
                response = requests.get(url, headers=WebClient.headers, data=mess
            else:
                response = requests.delete(url, headers=WebClient.headers, data=m
        except requests.RequestException as exception:
            logger.info('Requests fail - exception %s', exception)
            response = None
        finally:
            reply = self.__process_msg_response(response)
            logger.info('Requests - response %s', response)
            if reply:
                return reply.text
            return reply
```

Example 19

Project: *gym* Author: *intrig-unicamp* File: *main.py* Apache License 2.0 6 vo

```
def _process_msgs(self):
        while True:
            try:
                data = self.in_q.get()
            except Empty:
                continue
            else:
                logger.info(data)
                # msg = Message.parse(data, rpc_map)
                msg = json.loads(data)
                logger.info(msg)
                if msg:
                    outputs = self.handle(msg)
                    self.exit(outputs)
                else:
                    logger.info("could not parse data %s", data)
```

Example 20

Project: *dig-sandpaper* Author: *usc-isi-i2* File: *search_server.py* MIT License 6 vo

```
def _index_fields(request):
    if (request.headers['Content-Type'] == 'application/x-gzip'):
        gz_data_as_file = BytesIO(request.data)
        uncompressed = gzip.GzipFile(fileobj=gz_data_as_file, mode='rb')
        jls = uncompressed.read()
    elif (request.headers['Content-Type'] == 'application/json' or
          request.headers['Content-Type'] == 'application/x-jsonlines'):
        jls = request.data
    else:
        return ""
    reader = codecs.getreader('utf-8')
```

```
    jls_as_file = reader(BytesIO(jls))
    jls = [json.dumps(jl) for jl in [index_knowledge_graph_fields(jl)
                                     for jl in jl_file_iterator(jls_as_file)]
           if jl is not None]
    return jls
```

Example 21

Project: *flask-template* Author: *adrianocanofre* File: *helpers.py* MIT License 6 vo

```
def build_working_response(service, status, error_description='', error_code=''):
    return {
        "service": service,
        "status": status,
        "error_description": error_description,
        "error_code": error_code
    }


# def log_request(f):
#     def wrapper(*args, **kwargs):
#         message = "Method: " + str(request.method) + " endpoint: " + request.ful
#         if request.data:
#             message += str(request.data)
#
#         response = f(*args, **kwargs)
#         return response
#     return wrapper
```

Example 22

Project: *pnp* Author: *HazardDede* File: *http.py* MIT License 5 vo

```
def _create_app(self):
        that = self
        flask = load_optional_module('flask', self.EXTRA)
        app = flask.Flask(__name__)

        if self.server_impl == 'flask':
            # We need to register a shutdown endpoint, to end the serving if using
            # development server
            @app.route('/_shutdown', methods=['DELETE'])
            def shutdown():  # pylint: disable=unused-variable
                from flask import request
                func = request.environ.get('werkzeug.server.shutdown')
                if func is None:
                    raise RuntimeError('Not running with the Werkzeug Server')  #
                func()
                return json.dumps({'success': True}), 200, {'ContentType': 'applic

        @app.route('/', defaults={'path': '/'}, methods=self.allowed_methods)
        @app.route('/<path:path>', methods=self.allowed_methods)
        def catch_all(path):  # pylint: disable=unused-variable
            from flask import request
            data = request.get_json(force=True, silent=True)
            if data is None:  # No valid json in request body > fallback to data
                data = request.data if request.data != b'' else None

            payload = dict(
                endpoint=path,
                levels=["/"] if path == "/" else path.split('/'),
```

```
                method=request.method,
                query=self._flatten_query_args(dict(request.args)),
                data=data,
                is_json=isinstance(data, dict),
                url=request.url,
                full_path=request.full_path,
                path=request.path
            )
            that.notify(payload)

            return json.dumps({'success': True}), 200, {'ContentType': 'applicatio

        return app
```

Example 23

Project: *wemoo-center* Author: *wemoo* File: *logs.py* MIT License 5 vo

```
def get_user():
    data = simplejson.loads(request.data)
    app_id = data.get('app_id', None)
    level = data.get('level', None)
    log_type = data.get('log_type', None)
    content = data.get('content', None)
    if not (app_id and level and log_type and content):
        return render.error('missing')

    Log(app_id=app_id, level=level, log_type=log_type, content=content).save()

    return render.ok()
```

Example 24

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 5 vo

```
def gateway_create():
    data_update = json.loads(request.data)
    if 'gateways' not in database:
        database.update({'gateways': []})
    data_src = get_object_id('gateways', 'systemID', data_update['systemID'])
    if data_src != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already exists')['message']), '409'

    id = '0'
    for object in database['gateways']:
        if (object['ID'][0] > id):
            id = object['ID'][0]

    id = increment_id(id)
    new = {'ID': id,
           'systemID': '9.9.9.9',
           'name': 'gateway-unknown',
           'description': 'None',
           'pending': 'False',
           'redundancyGroupID': 'None',
           'personality': 'VRSG'}
    new.update(data_update)
    database['gateways'].append(new)

    return json.dumps([get_object_id('gateways', 'ID', id)])
```

Example 25

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 5 vo

```
def gatewayredundantgroup_create():
    data_update = json.loads(request.data)
    if 'redundancygroups' not in database:
        database.update({'redundancygroups': []})

    id = get_object_id('redundancygroups', 'gatewayPeer1ID',
                       data_update['gatewayPeer1ID'])
    if id != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already in use')['message']), '409'

    id = get_object_id('redundancygroups', 'gatewayPeer2ID',
                       data_update['gatewayPeer2ID'])
    if id != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already in use')['message']), '409'

    id = '0'
    for object in database['gateways']:
        if (object['ID'][0] > id):
            id = object['ID'][0]

    id = increment_id(id)
    new = {'ID': id,
           'name': 'gw-group-unknown',
           'description': 'None',
           'entityScope': 'ENTERPRISE',
           'enterpriseID': '76046673-d0ea-4a67-b6af-2829952f0812',
           'gatewayPeer1ID': '11111111-1111-1111-111111111111',
           'gatewayPeer2ID': '22222222-2222-2222-222222222222',
           'gatewayPeer1Name': 'gateway-1',
           'gatewayPeer2Name': 'gateway-2',
           'redundantGatewayStatus': 'SUCCESS',
           'personality': 'VRSG'}

    new.update(data_update)
    database['redundancygroups'].append(new)
    return json.dumps([get_object_id('redundancygroups', 'ID', id)])
```

Example 26

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 5 vo

```
def gatewayredundantgroup_create_with_enterprise_id(enterprise_id):
    data_update = json.loads(request.data)
    if 'redundancygroups' not in database:
        database.update({'redundancygroups': []})

    id = get_object_id('redundancygroups', 'gatewayPeer1ID',
                       data_update['gatewayPeer1ID'])
    if id != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already in use')['message']), '409'

    id = get_object_id('redundancygroups', 'gatewayPeer2ID',
                       data_update['gatewayPeer2ID'])
    if id != {}:
        return make_response(json.dumps(
```

```
            get_object_id('messages', 'name', 'already in use')['message']), '409'

    id = '0'
    for object in database['gateways']:
        if (object['ID'][0] > id):
            id = object['ID'][0]

    id = increment_id(id)
    new = {'ID': id,
           'name': 'gw-group-unknown',
           'description': 'None',
           'entityScope': 'ENTERPRISE',
           'enterpriseID': enterprise_id,
           'gatewayPeer1ID': '11111111-1111-1111-111111111111',
           'gatewayPeer2ID': '22222222-2222-2222-222222222222',
           'gatewayPeer1Name': 'gateway-1',
           'gatewayPeer2Name': 'gateway-2',
           'redundantGatewayStatus': 'SUCCESS',
           'personality': 'VRSG'}

    new.update(data_update)
    database['redundancygroups'].append(new)
    return json.dumps([get_object_id('redundancygroups', 'ID', id)])
```

Example 27

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 5 vo

```
def object_create(obj_name):
    data_update = json.loads(request.data)
    data_src = get_object_id(obj_name, 'name', data_update['name'])
    if data_src != {}:
        return make_response(json.dumps(
            get_object_id('messages', 'name', 'already exists')['message']), '409'
    new = {'name': data_update['name'],
           'ID': '255d9673-7281-43c4-be57-fdec677f6e07',
           'description': 'None'}
    database[obj_name].append(new)
    return json.dumps([get_object_id(obj_name, 'ID', '255d9673-7281-43c4-be57-fdec
```

Example 28

Project: *openvsd* Author: *Numergy* File: *vsd_mock.py* Apache License 2.0 5 vo

```
def object_update(obj_name, obj_id):
    data_update = json.loads(request.data)
    data_src = get_object_id(obj_name, 'ID', obj_id)
    data_src.update(data_update)
    return '{}'
```

Example 29

Project: *seleniumrt* Author: *wsgggws* File: *app.py* MIT License 5 vo

```
def not_allowed(error):
    return jsonify({
        "meta": {
            "code": HTTPStatus.METHOD_NOT_ALLOWED,
            "message": "Method not allowed"
        },
```

```
        "data": None
    }), HTTPStatus.METHOD_NOT_ALLOWED
```

Example 30

Project: *seleniumrt* Author: *wsgggws* File: *app.py* MIT License 5 vo

```
def not_found(error):
    return jsonify({
        "meta": {
            "code": HTTPStatus.NOT_FOUND,
            "message": "Not found"
        },
        "data": None
    }), HTTPStatus.NOT_FOUND
```

Example 31

Project: *seleniumrt* Author: *wsgggws* File: *app.py* MIT License 5 vo

```
def whoami():
    # request_id = request.headers.get('Request-Id') or str(uuid.uuid4())
    return jsonify({
        "meta": {
            "code": HTTPStatus.OK,
            "message": "OK"
        },
        "data": {"version": VERSION}
    })
```

Example 32

Project: *seleniumrt* Author: *wsgggws* File: *app.py* MIT License 5 vo

```
def check_request_valid_length(cls, request):
        if len(str(request.data)) > MAX_BYTE_PAYLOAD:
            raise Errors.ValidLengthError(
                meta_code=HTTPStatus.REQUEST_ENTITY_TOO_LARGE, meta_message="Reque
```

Example 33

Project: *seleniumrt* Author: *wsgggws* File: *app.py* MIT License 5 vo

```
def check_request_valid_json(cls, request):
        request_data = request.data
        try:
            json.loads(request_data.decode("utf8"))
        except Exception:
            app.logger.error(format_exc())
            raise Errors.ValidJSONError(
                meta_code=HTTPStatus.BAD_REQUEST, meta_message="Invalid JSON forma
```

Example 34

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License 5 vo

```
def get_top_ssids():
    """ Return the top 20 ssids in the DB """
    query = ("SELECT ssid, COUNT(ssid) AS popularity FROM entries"
```

```
            " GROUP BY ssid ORDER BY popularity DESC limit 20")
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchall()
    conn.close()
    return data
```

Example 35

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License 5 vo

```
def get_top_bssids():
    """ Return the top 20 bssids in the DB """
    query = ("SELECT bssid_mac, COUNT(bssid_mac) AS popularity "
             "FROM entries GROUP BY bssid_mac "
             "ORDER BY popularity DESC limit 20")
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchall()
    conn.close()
    return data
```

Example 36

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License 5 vo

```
def get_total_entries():
    """ Return a count of total rows in the entries table """
    query = " select COUNT(*) from entries"
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchone()
    conn.close()
    return data
```

Example 37

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License 5 vo

```
def get_unique_checkins():
    """ A checkin consists of (among other things) the mac of the sender
        and the mac of the bssid seen. This returns unique badge
        and bssid combos. Essentially we are deduping since badges can
        report the same mac many times."""
    query = ("SELECT badge_mac, bssid_mac FROM "
             "(SELECT DISTINCT badge_mac, bssid_mac FROM entries) "
             "AS internalQuery")
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchall()
    conn.close()
    return data
```

Example 38

5 vo

Project: *warbadge* Author: *robotlandman* File: *app.py* MIT License

```
def get_handles():
    """ Display a view of all the handles and macs """
    query = "SELECT * FROM handles"
    conn = mysql.connect()
    cursor = conn.cursor()
    cursor.execute(query)
    data = cursor.fetchall()
    conn.close()
    results = []
    for handle_record in data:
        results.append(handle_record)
    return json.dumps(data)
```

Example 39

Project: *ibart* Author: *jbech-linaro* File: *ibart.py* MIT License 5 vo

```
def verify_hmac_hash(data, signature):
    try:
        github_secret = bytearray(os.environ['GITHUB_SECRET'], 'utf-8')
    except KeyError:
        log.error("Environment variable GITHUB_SECRET probably not set")
        return False

    mac = hmac.new(github_secret, msg=data, digestmod=hashlib.sha1)

    # Need to convert this to bytearray, since hmac.compare_digest expect
    # either a unicode string or a byte array
    hexdigest = bytearray("sha1=" + mac.hexdigest(), "utf-8")
    signature = bytearray(signature, "utf-8")
    return hmac.compare_digest(hexdigest, signature)
```

Example 40

Project: *LayersBox* Author: *learning-layers* File: *layersbox-studio.py* Apache License 2.0 5 vo

```
def layersbox_component_status():
        proc = subprocess.Popen(['docker', 'ps'],stdout=subprocess.PIPE)
        result = []
        proc.stdout.readline()
        while True:
                line = proc.stdout.readline()
                if line != '':
                        data = {}
                        #the real code does filtering here
                        rarr = re.sub('   +','   ',line.rstrip()).split("   ")
                        if(len(rarr)<3):
                                break
                        data["id"] =  rarr[0]
                        data["component"] =  rarr[1]
                        data["cmd"] =  rarr[2]
                        data["created"] =  rarr[3]
                        data["status"] =  rarr[4]
                        if(len(rarr)<7):
                                data["name"] =  rarr[5]
                        else:
                                data["ports"] =  rarr[5]
                                data["name"] =  rarr[6]
                        result.append(data)
```

```
                else:
                        break
        return flask.jsonify(*result)
```

Example 41

Project: *LayersBox* Author: *learning-layers* File: *layersbox-studio.py* Apache License 2.0 5 vo

```
def layersbox_install():
        component=request.data
        print(component)
        thread = Thread(target = installComponent, args = (component, ))
        thread.start()
        return "Installing..."
```

Example 42

Project: *LayersBox* Author: *learning-layers* File: *layersbox-studio.py* Apache License 2.0 5 vo

```
def layersbox_uninstall():
        component=request.data
        proc = subprocess.Popen(['python', 'layersbox', 'uninstall', component ],s
        output, error = proc.communicate()
        if proc.returncode != 0:
                return error
        result = ""
        while True:
                line = proc.stdout.readline()
                if line != '':
                        #the real code does filtering here
                        result = result+line.rstrip()+ "<br>"
                else:
                        break
        return result
```

Example 43

Project: *insightface* Author: *deepinsight* File: *app.py* MIT License 5 vo

```
def get_image(data):
  image = None
  if 'url' in data:
    url = data['url']
    if url.startswith('http'):
      resp = urllib.urlopen(url)
      image = np.asarray(bytearray(resp.read()), dtype="uint8")
      image = cv2.imdecode(image, cv2.IMREAD_COLOR)
    else:
      image = cv2.imread(url, cv2.IMREAD_COLOR)
    image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
    image = image_resize(image)
  elif 'data' in data:
    _bin = data['data']
    if _bin is not None:
      if not isinstance(_bin, list):
        _bin = base64.b64decode(_bin)
        _bin = np.fromstring(_bin, np.uint8)
        image = cv2.imdecode(_bin, cv2.IMREAD_COLOR)
        image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
        image = image_resize(image)
```

```
    else:
      image = []
      for __bin in _bin:
        __bin = base64.b64decode(__bin)
        __bin = np.fromstring(__bin, np.uint8)
        _image = cv2.imdecode(__bin, cv2.IMREAD_COLOR)
        _image = cv2.cvtColor(_image, cv2.COLOR_BGR2RGB)
        _image = image_resize(_image)
        image.append(_image)

  return image
```

Example 44

Project: *insightface* Author: *deepinsight* File: *app.py* MIT License 5 vo

```
def ver():
  try:
    data = request.data
    values = json.loads(data)
    source_image = get_image(values['source'])
    if source_image is None:
      print('source image is None')
      return '-1'
    assert not isinstance(source_image, list)
    print(source_image.shape)
    target_image = get_image(values['target'])
    if target_image is None:
      print('target image is None')
      return '-1'
    #print(target_image.shape)
    if not isinstance(target_image, list):
      target_image = [target_image]
    #print('before call')
    #ret = model.is_same_id(source_image, target_image)
    ret = model.sim(source_image, target_image)
  except Exception as ex:
    print(ex)
    return '-1'

  #return str(int(ret))
  print('sim', ret)
  return "%1.3f"%ret
```

Example 45

Project: *face-recognition--summary* Author: *994374821* File: *app.py* MIT License 5 vo

```
def get_image(data):
  image = None
  if 'url' in data:
    url = data['url']
    if url.startswith('http'):
      resp = urllib.urlopen(url)
      image = np.asarray(bytearray(resp.read()), dtype="uint8")
      image = cv2.imdecode(image, cv2.IMREAD_COLOR)
    else:
      image = cv2.imread(url, cv2.IMREAD_COLOR)
    image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
    image = image_resize(image)
  elif 'data' in data:
```

```
    _bin = data['data']
    if _bin is not None:
      if not isinstance(_bin, list):
        _bin = base64.b64decode(_bin)
        _bin = np.fromstring(_bin, np.uint8)
        image = cv2.imdecode(_bin, cv2.IMREAD_COLOR)
        image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
        image = image_resize(image)
      else:
        image = []
        for __bin in _bin:
          __bin = base64.b64decode(__bin)
          __bin = np.fromstring(__bin, np.uint8)
          _image = cv2.imdecode(__bin, cv2.IMREAD_COLOR)
          _image = cv2.cvtColor(_image, cv2.COLOR_BGR2RGB)
          _image = image_resize(_image)
          image.append(_image)

  return image
```

Example 46

Project: *face-recognition--summary* Author: *994374821* File: *app.py* MIT License 5 vo

```
def ver():
  try:
    data = request.data
    values = json.loads(data)
    source_image = get_image(values['source'])
    if source_image is None:
      print('source image is None')
      return '-1'
    assert not isinstance(source_image, list)
    print(source_image.shape)
    target_image = get_image(values['target'])
    if target_image is None:
      print('target image is None')
      return '-1'
    #print(target_image.shape)
    if not isinstance(target_image, list):
      target_image = [target_image]
    #print('before call')
    #ret = model.is_same_id(source_image, target_image)
    ret = model.sim(source_image, target_image)
  except Exception as ex:
    print(ex)
    return '-1'

  #return str(int(ret))
  print('sim', ret)
  return "%1.3f"%ret
```

Example 47

Project: *BOP2017* Author: *crh19970307* File: *webserver.py* MIT License 5 vo

```
def turnwordtovector(wordlist):
        #print('\nLoading word2vec model...\n')
        model=Word2Vec.load('Word60.model')
        #print('\nTurning word to vector\n')
        vectorlist=[]
```

```
        for index,data in enumerate(wordlist):
                tmp=[]
                for item in data:
                        if item in model.vocab:
                                tmp.append(model[item].tolist())
                vectorlist.append(tmp)
                #progressbar(index,len(wordlist))
        return vectorlist
```

Example 48

Project: *BOP2017* Author: *crh19970307* File: *webserver.py* MIT License 5 vo

```
def loaddata():
        f=open('baike.txt','r',encoding='utf-8')
        r=f.read()
        #print(r[0])
        data=re.sub(r'\s+', ' ', r)
        data=re.split('[! ? 。 ; ;!?]',data)
        model=load_model('model/0.608113.h5')
        return data,model
        '''
        f2=open('baike-process.txt','w')
        f2.write(str(data))
        f2.close()
        '''
        #print(data[0:10])
```

Example 49

Project: *BOP2017* Author: *crh19970307* File: *webserver-v5.py* MIT License 5 vo

```
def turnwordtovector(wordlist,model):
        vectorlist = []
        for index, data in enumerate(wordlist):
                tmp = []
                for item in data:
                        if item in model.vocab:
                                tmp.append(model[item])
                vectorlist.append(tmp)
        return vectorlist
```

Example 50

Project: *BOP2017* Author: *crh19970307* File: *webserver-v5.py* MIT License 5 vo

```
def real_time_api():
        if request.method == 'POST':
                  #question=request.data
                  #question=request.data
                  #data2,model2=loaddata()
                  #datadict=request.form
                #print(datadict['que'])
                #print(data2)
                #return datadict['que']
                #print('\nrequest.form is :\n')
                #print(request.form)
                # print('\nrequest.args is:\n')
                # print(request.args)
                # print('\nrequest.value is:\n')
```

```
            # print(request.values)
            # print('\nrequest.cookies is\n')
            # print(request.cookies)
            # #dataDict = request.data
            # print('\nrequest.data is :\n')
            # print(request.data)
            dataDict=json.loads(request.data.decode())
            #print(dataDict)
            #print(dataDict)
            #return str(dataDict)
            #return 'hdlkgjahbadks'
            global model2,data2,vec_model
            #print(model2)
            answer={}
            global oldQue,ans
            ans,oldQue =getanswer(dataDict['que'], data2, model2,vec_model,old
            answer['ans']=ans
            print(dataDict['que'])
            print (answer['ans'])
            return json.dumps(answer)
    else:
            return'ghjk'
```