

Python `flask.request.cookies()` Examples

The following are code examples for showing how to use `flask.request.cookies()`. 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 vc

```
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: *zmirror* Author: *aploium* File: *zmirror.py* MIT License

6 vc

```
def zmirror_enter(input_path='/'):
    """入口函数的壳，只是包了一层异常处理，实际是 main_function() """
    try:
        resp = main_function(input_path=input_path)

        # 加入额外的响应头
        for name, value in parse.extra_resp_headers.items():
            resp.headers.set(name, value)

        # 加入额外的cookies
        for name, cookie_string in parse.extra_cookies.items():
            resp.headers.add("Set-Cookie", cookie_string)

    except: # coverage: exclude
        return generate_error_page(is_traceback=True)
    else:
        return resp

# noinspection PyUnusedLocal
```

Example 3

Project: *automlk* Author: *pierre-chaville* File: [views.py](#) MIT License

6 vc

```
def index():
    # home page: list of models
    datasets = get_home_best()
    sel_form = FolderForm()
    sel_form.set_choices(get_folder_list())
    del_form = DeleteDatasetForm()
    reset_form = ResetDatasetForm()
    if request.method == 'POST':
        redirect_to_index = redirect('/index')
        response = app.make_response(redirect_to_index)
        response.set_cookie('automlk_folder', value=str(sel_form.folder.data))
        return response
    if 'automlk_folder' in request.cookies:
        folder = int(request.cookies.get('automlk_folder'))
        sel_form.folder.data = folder
    folders = [f for f in get_folder_list() if sel_form.folder.data == 0 or f['id']]
    return render_template('index.html', datasets=datasets, folders=folders, refre
        sel_form=sel_form, reset_form=reset_form, del_form=del
```

Example 4

Project: *ambassador-auth-httpjwt* Author: *datawire* File: [app.py](#) Apache License 2.0

6 vc

```
def get_encoded_token():
    """Tokens are generally sent in HTTP 'Authorization' header but sometimes deve
    we check for both.

    :return: the encoded JSON Web Token
    """

    token = None

    if "authorization" in request.headers:
        token = parse_token from authorization_header(request.headers["authorizati
    elif "jwt" in request.cookies:
        token = request.cookies["jwt"]

    return token
```

Example 5

Project: *BOP2017* Author: *crh19970307* File: [webserver.py](#) MIT License

6 vc

```
def real_time_api():
    if request.method == 'POST':
        #question=request.data
        #question=request.data
        data2,model12=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 6

Project: *flask-session-plus* Author: *janscas* File: [auth.py](#) MIT License

6 vc

```

def logout_user():
    """
    Logs a user out. (You do not need to pass the actual user.) This will
    also clean up the remember me cookie if it exists.
    """

    user = _get_user()

    session.pop('user_id', None)
    session.pop('user_data', None)
    session.pop('_fresh', None)

    cookie_name = current_app.config.get('REMEMBER_COOKIE_NAME', COOKIE_NAME)
    if cookie_name in request.cookies:
        session['remember'] = 'clear'
        if 'remember_seconds' in session:
            session.pop('remember_seconds')

    user_logged_out.send(current_app._get_current_object(), user=user)

    current_app.login_manager.reload_user()
    return True

```

Example 7

Project: *btcqbo* Author: *JeffVandrewJr* File: [routes.py](#) GNU General Public License v3.0

6 vc

```

def authbtc():
    # accepts BTCPay pairing code and calls pairing fn
    status = login(request.cookies)
    if status is not None:
        return redirect(status)
    form = BTCCodeForm()
    url = urljoin(str(os.getenv('BTCPAY_HOST')), 'api-tokens')
    if form.validate_on_submit():
        client = BTCPayClient.create_client(
            host=app.config.get('BTCPAY_HOST'),
            code=form.code.data,
        )
        save('btc_client', client)
        save('forward_url', form.forward_url.data)
        flash('Pairing to BTCPay Successful')
        return render_template('index.html')

```

```

return render_template(
    'authbtc.html',
    title='Enter Code',
    form=form,
    url=url
)

```

Example 8

Project: [zmirror](#) Author: [ttestdock](#) File: [zmirror.py](#) MIT License

6 vc

```

def zmirror_enter(input_path='/'):
    """入口函数的壳，只是包了一层异常处理，实际是 main_function() """
    try:
        resp = main_function(input_path=input_path)

        # 加入额外的响应头
        for name, value in parse.extra_resp_headers.items():
            resp.headers.set(name, value)

        # 加入额外的cookies
        for name, cookie_string in parse.extra_cookies.items():
            resp.headers.add("Set-Cookie", cookie_string)

    except: # coverage: exclude
        return generate_error_page(is_traceback=True)
    else:
        return resp

```

noinspection PyUnusedLocal

Example 9

Project: [flask-sso-base_session](#) Author: [Ayi-](#) File: [app-1.py](#) MIT License

6 vc

```

def login():
    method = request.method
    if method == 'GET':
        return render_template('login.html', app_name=app_name)
    else:
        username = request.form.get('username')
        password = request.form.get('password')
        # 尝试获取token
        cookie_token = request.cookies.get('cookie_token', None)
        if username and password and cookie_token:
            headers = {'Authorization': cookie_token}
            data = {'username': username, 'password': password}
            # 发起验证请求
            try:
                r = requests.post(sso_server + '/login', headers=headers, data=data)
                if r.status_code == requests.codes.ok:
                    return redirect('/')

            except Exception as e:
                print(e)
        return 'login failed '

```

Example 10

```
def login():
    method = request.method
    if method == 'GET':
        return render_template('login.html', app_name=app_name)
    else:
        username = request.form.get('username')
        password = request.form.get('password')
        # 尝试获取token
        cookie_token = request.cookies.get('cookie_token', None)
        print(cookie_token, password, username)
        if username and password and cookie_token:
            headers = {'Authorization': cookie_token}
            data = {'username': username, 'password': password}
            # 发起验证请求
            try:
                r = requests.post(sso_server + '/login', headers=headers, data=data)
                if r.status_code == requests.codes.ok:
                    return redirect('/')
            except Exception as e:
                print(e)
        return 'login failed '
```

Example 11

```
def root():
    print "root()"

    user = None
    current_token_info = get_current_user_token()
    print "current_token_info: {}".format(current_token_info)
    if current_token_info["active"]:
        user = get_current_user(current_token_info)
        print "user: {}".format(user)
    elif "redirect_url" in current_token_info:
        return redirect(current_token_info["redirect_url"])

    response = make_response(render_template("index.html", current_token_info=current_token_info))
    if "token" in request.cookies:
        if request.cookies["token"] == "NO_TOKEN":
            response.set_cookie('token', "")

    return response
```

Example 12

```
def logout():
    tm = time.strftime('%Y%m%d', time.localtime())
    dingId = Redis.get('OP_dingId_{}'.format(request.cookies.get('dingId')))
    if dingId:
        # 清除用户计数
        Redis.srem('op_active_users_{}'.format(tm), dingId)
        # 清除用户页面菜单
        Redis.hdel(f'op_menu_{tm}', f'menu_{dingId}')
```

```

#清除用户票据
ticket = Redis.get('OP_ticket_%s' % request.cookies.get('ticket'))
Redis.delete('OP_logout_ticket_%s' % ticket)
timestamp = tools.timestamp(0)
#在cas服务器上注销
cas_client = user_auth.cas_logout()
logout_url = cas_client.get_logout_url(service_url=service_url)
app_resp = make_response(redirect(logout_url))
#清除cookie
for key in request.cookies:
    app_resp.set_cookie(key, expires=timestamp)
return app_resp

```

Example 13

Project: [--Awesome-Python--](#) Author: [JoMingyu](#) File: [main.py](#) [GNU General Public License v3.0](#)

6 vc

```

def send_cookie():
    if request.method == 'GET':
        # 쿠키를 주려면 Response 객체가 필요하다
        response = Response('hello hello')
        response.set_cookie('cookie', 'value!!!!!!!!!!')
        # [werkzeug.wrappers.BaseResponse]
        #     def set_cookie(
        #         self, key, value='', max_age=None, expires=None, path='/',
        #         domain=None, secure=False, httponly=False, samesite=None
        #     )

        return response
    elif request.method == 'POST':
        # 쿠키를 받으려면 BaseRequest의 프로퍼티인 'cookies'에 접근
        print(request.cookies['cookie'])

        # 쿠키 제거는 expires를 0으로 주면 된다
        response = Response('hello hello!')
        response.set_cookie('cookie', '', expires=0)

        return response
    else:
        return '', 405

```

Example 14

Project: [fileshare-flask](#) Author: [sqz269](#) File: [views.py](#) [MIT License](#)

6 vc

```

def list_dir():
    path = utils.get_url_param(request.args, "path")

    if not utils.is_access_token_valid(request.cookies, request.args, path):
        return utils.make_status_resp(4, STATUS_TO_MESSAGE[4], STATUS_TO_HTTP_CODE

    if not path:
        return utils.make_status_resp(2, "Required url paramater 'path' is not prc

    try:
        dir_data = paths.list_files_from_url(path, configuration.config.get("SHARE
    except AssertionError:
        return utils.make_status_resp(102, STATUS_TO_MESSAGE[102], STATUS_TO_HTTP_
    except FileNotFoundError:
        return utils.make_status_resp(103, "target path: {} does not exist".format

```

```
return utils.make_json_resp_with_status(dir_data, 200)
```

```
# send PUT Request to files with argument path to specify the path
# and argument filename to specify the filename
# for example PUT /api/files?path=/example-path/&filename=test
# will upload a file to /example-path/ with the filename of test
```

Example 15

Project: [fileshare-flask](#) Author: [sqz269](#) File: [views.py](#) MIT License

6 vc

```
def upload():
    path = utils.get_url_param(request.args, "path")

    # Some work around had to be used do to this bug: https://github.com/pallets/w
    if not utils.is_requirements_met_file("UPLOAD", request.cookies, request.args
        return utils.make_status_resp(6, STATUS_TO_MESSAGE[6], STATUS_TO_HTTP_CODE

    if not path:
        return utils.make_status_resp(2, "Required url paramater 'path' is not pro

    dir_abs_path = paths.make_abs_path_from_url(path, configuration.config.get("St

    files = request.files.getlist("File")

    for file in files:
        if configuration.config.get("SECURE_UPLOAD_FILENAME"):
            file_name = secure_filename(file.filename)
        else:
            file_name = file.filename
        dst_path = paths.make_abs_path_from_url(file_name, dir_abs_path.decode()),
        file.save(dst_path.decode())

    return utils.make_status_resp(0, "File uploaded successfully", STATUS_TO_HTTP_
```

Example 16

Project: [fileshare-flask](#) Author: [sqz269](#) File: [views.py](#) MIT License

6 vc

```
def new_folder():
    path = utils.get_url_param(request.args, "path")

    if not utils.is_requirements_met_file("MKDIR", request.cookies, request.args,
        return utils.make_status_resp(6, STATUS_TO_MESSAGE[6], STATUS_TO_HTTP_CODE

    if not path:
        return utils.make_status_resp(2, "Required url paramater 'path' is not pro

    try:
        dir_abs_path = paths.make_abs_path_from_url(path, configuration.config.get
    except AssertionError:
        return utils.make_status_resp(102, STATUS_TO_MESSAGE[102], STATUS_TO_HTTP_

    try:
        os.mkdir(dir_abs_path)
        return utils.make_json_resp_with_status({"status": 0, "details": "Successf
            "path": path, "lastmod": os.path.c

    except FileExistsError:
        return utils.make_status_resp(100, STATUS_TO_MESSAGE[100], STATUS_TO_HTTP_
```

```
except PermissionError:
    return utils.make_status_resp(101, STATUS_TO_MESSAGE[101], STATUS_TO_HTTP
```

Example 17

Project: *OWASP-Honeypot* Author: *zdresearch* File: [server.py](#) [Apache License 2.0](#)

6 vc

```
def get_value_from_request(_key):
    """
    get a value from GET, POST or COOKIES

    Args:
        _key: the value name to find

    Returns:
        the value content if found otherwise None
    """
    global flask_request
    try:
        key = flask_request.args[_key]
    except Exception as _:
        try:
            key = flask_request.form[_key]
        except Exception as _:
            try:
                key = flask_request.cookies[_key]
            except Exception as _:
                key = None
    if key:
        # todo: fix it later
        key = key.replace("\\\\", "\\").replace("\\'", "'")
    return key
```

Example 18

Project: *backend* Author: *freenit-framework* File: [auth.py](#) [BSD 2-Clause "Simplified" License](#)

6 vc

```
def post(self):
    """Refresh access token"""
    identity = get_jwt_identity()
    try:
        user = User.get(id=identity)
    except User.DoesNotExist:
        abort(403, message='No such user, or wrong password')
    if not user.active:
        abort(403, message='No such user, or wrong password')
    access_expire = current_app.config['JWT_ACCESS_TOKEN_EXPIRES']
    access_token = create_access_token(identity=identity)
    refresh_expire_date = datetime.strptime(
        request.cookies['refresh_expire'],
        '%Y-%m-%d %H:%M:%S.%f'
    )
    refresh_delta = refresh_expire_date - datetime.now()
    resp = jsonify(
        {
            'access': access_token,
            'access_expire': int(access_expire.total_seconds()),
            'refresh_expire': int(refresh_delta.total_seconds()),
        }
    )
```



```

    set_access_cookies(resp, access_token)
    return resp

```

Example 19

Project: [zmirror](#) Author: [aploium](#) File: [zmirror.py](#) MIT License

5 vc

```

def response_cookies_deep_copy():
    """
    It's a BAD hack to get RAW cookies headers, but so far, we don't have better
    We'd go DEEP inside the urllib's private method to get raw headers

    raw_headers example:
    [('Cache-Control', 'private'),
     ('Content-Length', '48234'),
     ('Content-Type', 'text/html; Charset=utf-8'),
     ('Server', 'Microsoft-IIS/8.5'),
     ('Set-Cookie', 'BoardList=BoardID=Show; expires=Mon, 02-May-2016 16:00:00 GMT;
     ('Set-Cookie', 'aspsky=abcefg; expires=Sun, 24-Apr-2016 16:00:00 GMT; path=/;
     ('Set-Cookie', 'ASPSESSIONIDSCSSDSSQ=OGKMLAHDHBFDJCDMGMBOAGOMJ; path=/'),
     ('X-Powered-By', 'ASP.NET'),
     ('Date', 'Tue, 26 Apr 2016 12:32:40 GMT')]

    """
    raw_headers = parse.remote_response.raw._original_response.headers._headers
    header_cookies_string_list = []
    for name, value in raw_headers:
        if name.lower() == 'set-cookie':
            if my_host_scheme == 'http://':
                value = value.replace('Secure;', '')
                value = value.replace('; Secure', ';')
                value = value.replace('; Secure', ';')
            if 'httponly' in value.lower():
                if enable_aggressive_cookies_path_rewrite:
                    # 暴力cookie path重写, 把所有path都重写为 /
                    value = regex_cookie_path_rewriter.sub('path=/', value)
                elif enable_aggressive_cookies_path_rewrite is not None:
                    # 重写HttpOnly Cookies的path到当前url下
                    # eg (/extdomains/a.foobar.com): path=/verify; -> path=/extdoma

                if parse.remote_domain not in domain_alias_to_target_set: # c
                    value = regex_cookie_path_rewriter.sub(
                        '\g<prefix>=/extdomains/' + parse.remote_domain + '\g<

            header_cookies_string_list.append(value)
    return header_cookies_string_list

```

Example 20

Project: [zmirror](#) Author: [aploium](#) File: [zmirror.py](#) MIT License

5 vc

```

def response_text_rewrite(resp_text):
    """
    rewrite urls in text-like content (html,css,js)
    :type resp_text: str
    :rtype: str
    """
    # v0.20.6+ plain replace domain alias, support json/urlencoded/json-urlencoded
    if url_custom_redirect_enable:
        for before_replace, after_replace in (plain_replace_domain_alias + parse.t
            resp_text = resp_text.replace(before_replace, after_replace)

```

```

# v0.9.2+: advanced url rewrite engine
resp_text = regex_adv_url_rewriter.sub(regex_url_reassemble, resp_text)

if developer_string_trace is not None and developer_string_trace in resp_text:
    # debug用代码, 对正常运行无任何作用
    infoprint('StringTrace: appears after advanced rewrite, code line no. ', c

# v0.28.0 实验性功能, 在v0.28.3后默认启用
resp_text = response_text_basic_mirrorlization(resp_text)

if developer_string_trace is not None and developer_string_trace in resp_text:
    # debug用代码, 对正常运行无任何作用
    infoprint('StringTrace: appears after basic mirrorlization, code line no.

# for cookies set string (in js) replace
# eg: ".twitter.com" --> "foo.com"
resp_text = resp_text.replace('\\".'" + target_domain_root + '\\\".'" + my_hos
resp_text = resp_text.replace("\\.'" + target_domain_root + "\\\".'" + my_hos
resp_text = resp_text.replace("domain=" + target_domain_root, "domain=" + my_
resp_text = resp_text.replace('\\".'" + target_domain_root + '\\\".'" + my_host
resp_text = resp_text.replace("\\.'" + target_domain_root + "\\\".'" + my_host

if developer_string_trace is not None and developer_string_trace in resp_text:
    # debug用代码, 对正常运行无任何作用
    infoprint('StringTrace: appears after js cookies string rewrite, code lin

# resp_text = resp_text.replace('lang="zh-Hans"', '', 1)
return resp_text

```

Example 21

Project: [zmirror](#) Author: [aploium](#) File: [zmirror.py](#) MIT License

5 vc

```

def filter_client_request():
    """过滤用户请求, 视情况拒绝用户的访问
    :rtype: Union[Response, None]
    """
    dbgprint('Client Request Url: ', request.url)

    # crossdomain.xml
    if os.path.basename(request.path) == 'crossdomain.xml':
        dbgprint('crossdomain.xml hit from', request.url)
        return crossdomain_xml()

    # Global whitelist ua
    if check_global_ua_pass(str(request.user_agent)):
        return None

    if is_deny_spiders_by_403 and is_denied_because_of_spider(str(request.user_age
        return generate_simple_resp_page(b'Spiders Are Not Allowed To This Site',

    if human_ip_verification_enabled and (
        ((human_ip_verification_whitelist_from_cookies or enable_custom_ac
        and must_verify_cookies)
        or is_ip_not_in_allow_range(request.remote_addr)

    ):
        dbgprint('ip', request.remote_addr, 'is verifying cookies')
        if 'zmirror_verify' in request.cookies and \
            ((human_ip_verification_whitelist_from_cookies and verify_ip_hash_
            or (enable_custom_access_cookie_generate_and_verify and custom_ve

```

```

        request.cookies.get('zmirror_verify'), request)):
    ip_whitelist_add(request.remote_addr, info_record_dict=request.cookies)
    dbgprint('add to ip_whitelist because cookies:', request.remote_addr)
else:
    return redirect(
        "/ip_ban_verify_page?origin=" + base64.urlsafe_b64encode(str(request.remote_addr).encoding='utf-8'),
        code=302)

return None

```

Example 22

Project: *ras-frontstage* Author: *ONSdigital* File: [conversation_controller.py](#) MIT License

5 vc

```

def _create_get_conversation_headers():
    try:
        encoded_jwt = SessionHandler().get_encoded_jwt(request.cookies['authorization_token'])
    except KeyError:
        logger.error('Authorization token missing in cookie')
        raise AuthorizationTokenMissing
    return {'Authorization': encoded_jwt}

```

Example 23

Project: *ras-frontstage* Author: *ONSdigital* File: [conversation_controller.py](#) MIT License

5 vc

```

def _create_send_message_headers():
    try:
        encoded_jwt = SessionHandler().get_encoded_jwt(request.cookies['authorization_token'])
    except KeyError:
        logger.error('Authorization token missing in cookie')
        raise AuthorizationTokenMissing
    return {'Authorization': encoded_jwt, 'Content-Type': 'application/json', 'Access-Control-Allow-Origin': '*'}

```

Example 24

Project: *restful-ben* Author: *CityOfPhiladelphia* File: [auth.py](#) MIT License

5 vc

```

def extract_token_str(self, request):
    token_str = None

    authorization_header = request.headers.get('Authorization')
    if authorization_header:
        token_str = authorization_header.replace('Bearer ', '', 1)
    elif self.cookie_name in request.cookies:
        token_str = request.cookies[self.cookie_name]

    return token_str

```

Example 25

Project: *dino* Author: *thenetcircle* File: [routes.py](#) Apache License 2.0

5 vc

```

def is_authorized():
    if not environ.env.config.get(ConfigKeys.OAUTH_ENABLED, default=False, domain='default'):
        return True
    if 'token' not in request.cookies:
        return False

```

```
logging.info(str(request.cookies))
return environ.env.web_auth.check(request.cookies.get('token'))
```

Example 26

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0

5 vc

```
def logout():
    request.cookies.pop('token', None)
    return redirect(internal_url_for('/login'))
```

Example 27

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

5 vc

```
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,oldQue)
        answer['ans']=ans
        print(dataDict['que'])
        print (answer['ans'])
        return json.dumps(answer)
    else:
        return'ghjk'
```

Example 28

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

5 vc

```
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
        #print(model2)
        answer={}
        answer['ans']=getanswer(dataDict['que'],data2,model2)
        print (json.dumps(answer))
        return json.dumps(answer)
    else:
        return'ghjk'

```

Example 29

Project: BOP2017 Author: [crh19970307](#) File: [webserver-v4.py](#) MIT License

5 vc

```

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={}

```

```

        answer['ans']=getanswer(dataDict['que'],data2,model2,vec_model)
        print (json.dumps(answer))
        return json.dumps(answer)
    else:
        return'ghjk'

```

Example 30

Project: *BOP2017* Author: *crh19970307* File: [webserver-v6.py](#) MIT License

5 vc

```

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,oldQue)
        answer['ans']=ans
        print(dataDict['que'])
        print (answer['ans'])
        return json.dumps(answer)
    else:
        return'ghjk'

```

Example 31

Project: *schemathesis* Author: *kiwicom* File: [test_wsgi.py](#) MIT License

5 vc

```

def test_cookies(flask_app):
    @flask_app.route("/cookies", methods=["GET"])
    def cookies():
        return jsonify(request.cookies)

    schema = schemathesis.from_dict(
        {
            "openapi": "3.0.2",
            "info": {"title": "Test", "description": "Test", "version": "0.1.0"},
            "paths": {

```

```

        "/cookies": {
            "get": {
                "parameters": [
                    {
                        "name": "token",
                        "in": "cookie",
                        "required": True,
                        "schema": {"type": "string", "const": "test"},
                    }
                ]
            }
        }
    },
    app=flask_app,
)

strategy = schema.endpoints["/cookies"][ "GET" ].as_strategy()

@given(case=strategy)
def test(case):
    response = case.call_wsgi()
    assert response.status_code == 200
    assert response.json == {"token": "test"}

test()

```

Example 32

Project: *kafka-twitter* Author: *teomores* File: *Server.py* Apache License 2.0

5 vc

```

def produce_tweet():
    if 'username' in request.cookies:
        id = request.form['id']
        content = request.form['content']
        location = request.form['location']
        # extract tags and mentions :)
        tags = [h for h in content.split() if h.startswith('#')]
        mentions = [h for h in content.split() if h.startswith('@')]

        value = {
            "author": f"{id}",
            "content": f"{content}",
            "timestamp": f"{time.time()}",
            "location": f"{location}",
            "tags": tags,
            "mentions": mentions
        }
        key = {"name": f"{id}"}

        p = AvroProducer({
            'bootstrap.servers': BOOTSTRAP_SERVERS,
            'enable.idempotence': 'true', # for EOS: assures that only one tweet i
            'schema.registry.url': SCHEMA_REGISTRY_URL
        }, default_key_schema=KEY_SCHEMA, default_value_schema=VALUE_SCHEMA)

        p.produce(topic=TOPIC, value=value, key=key)
        p.flush()
        return 'Tweet published!'
    else:
        return 'Oooops, you are not logged in...'

```

```
# Batch (with filtering) URL
```

Example 33

Project: *dbot-server* Author: *ATNIO* File: [proxy.py](#) MIT License

5 vc

```
def proxy(dbot_address, uri, proxy_uri=None):
    # proxy request to api server host
    dbot_service = dbot.get_service(dbot_address)
    if not dbot_service:
        raise InvalidUsage('dbot address not found', status_code=404)
    url = '{}/{}/{}/{}'.format(dbot_service.protocol, dbot_service.api_host, remove
headers = {key: value for (key, value) in request.headers if key != 'Host'}
    # Pass original Referer for subsequent resource requests
    headers["Referer"] = url

    logger.info("Proxy the API {}: {}, with headers: \n{}".format(request.method,

    # Fetch the URL, and stream it back
    try:
        resp = requests.request(
            url=url,
            method=request.method,
            params=request.args,
            headers=headers,
            # TODO: Usually it's a bad idea to call get_data() without checking t
            # content length first as a client could send dozens of megabytes or
            # to cause memory problems on the server.
            data=request.get_data(),
            cookies=request.cookies,
            allow_redirects=False)

        logger.info("Got {} response from {}".format(resp.status_code, url))

        excluded_headers = ['content-encoding', 'content-length', 'transfer-encodi
headers = [(name, value) for (name, value) in resp.raw.headers.items()
            if name.lower() not in excluded_headers]

        return Response(resp.content, resp.status_code, headers)
    except Exception as err:
        raise InvalidUsage('Cannot proxy the request.\n{}'.format(err), status_coc
```

Example 34

Project: *ruggedpod-api* Author: *RuggedPOD* File: [authentication.py](#) GNU General Public License

5 vc

v3.0

```
def check_authentication():
    if not auth_enabled:
        return
    if request.path.endswith('/tokens') and request.method == 'POST':
        return
    token_key = 'X-Auth-Token'
    if token_key in request.cookies:
        token = request.cookies[token_key]
    else:
        if token_key in request.headers:
            token = request.headers[token_key]
        else:
            raise auth.AuthenticationFailed()
```



```
user = auth.check(token)
request_context.user = user
```

Example 35

Project: *ruggedpod-api* Author: *RuggedPOD* File: *authentication.py* GNU General Public License v3.0

5 vc

```
def check_authentication():
    if not auth_enabled:
        return
    if request.path.endswith('/token') and request.method == 'POST':
        return
    token_key = 'X-Auth-Token'
    if token_key in request.cookies:
        token = request.cookies[token_key]
    else:
        if token_key in request.headers:
            token = request.headers[token_key]
        else:
            raise auth.AuthenticationFailed()
    auth.check(token)
```

Example 36

Project: *flask_pythonanywhere_redirector* Author: *killswitch-GUI* File: *app.py* GNU General Public License v3.0

5 vc

```
def build_json(self, request_obj):
    """
    build the json obj
    """
    json_dict = {}
    json_dict['url'] = request_obj.url
    json_dict['method'] = request_obj.method
    json_dict['headers'] = {key: value for (key, value) in request.headers if
        json_dict['method'] = request_obj.cookies
    json_dict['data'] = request_obj.data
    return json.dumps(json_dict, ensure_ascii=False, indent=4, sort_keys=True)

# SETUP FLASK APP FOR HOSTING
```

Example 37

Project: *flask_pythonanywhere_redirector* Author: *killswitch-GUI* File: *app.py* GNU General Public License v3.0

5 vc

```
def proxy_required(func):
    """
    proxy http requests to forward domain (our real C2).
    """
    @wraps(func)
    def wrapper(*args, **kwargs):
        """
        wrapper function with decorator
        """
        try:
            if __DEBUG:
                debug_req.print_request(request)
```

```

        print request.url.replace(__CURRENT_DOMAIN, __FORWARD_DOMAIN)
    # setup our proxy for C2
    resp = requests.request(
        method=request.method,
        url=request.url.replace(__CURRENT_DOMAIN, __FORWARD_DOMAIN),
        headers={key: value for (key, value) in request.headers if key !=
            data=request.get_data(),
            cookies=request.cookies,
            allow_redirects=True)
    excluded_headers = ['content-encoding', 'content-length', 'transfer-er
    headers = [(name, value) for (name, value) in resp.raw.headers.items()
        if name.lower() not in excluded_headers]
    response = Response(resp.content, resp.status_code, headers)
    print "proxy response: %s" % (response)
    return response
except:
    return make_response(jsonify({'error': 'something went wrong (contact a
return wrapper

```

Example 38

Project: *flask-io* Author: *viniciuschiele* File: *io.py* MIT License

5 vc

```

def from_cookie(self, param_name, field):
    """
    A decorator that converts a request cookie into a function parameter based

    :param str param_name: The parameter which receives the argument.
    :param Field field: The field class or instance used to deserialize the re
    :return: A function
    """

    return self.__from_source(param_name, field, lambda: request.cookies, 'co

```

Example 39

Project: *learning-python* Author: *Akagi201* File: *single.py* MIT License

5 vc

```

def set_cookie():
    if 'num' in request.cookies:
        count = int(request.cookies['num']) + 1
    else:
        count = 0

    # 每个view最后返回的都是response对象,render_template内部做了处理
    # 也可以这样表示response = make_response(render_template('index.html', count=100)
    # 不设置max_age和expires时,默认是会话cookie,浏览器关闭后cookie就失效
    # domain可以设置跨域cookie,如domain=".example.com",这样cookie可以被"www.example.
    response = app.make_response(str(count))
    response.set_cookie('num', value=count, max_age=None, expires=None, domain=Nor
    return response

```

Example 40

Project: *kafka-twitter* Author: *tmscarla* File: *Server.py* Apache License 2.0

5 vc

```

def produce_tweet():
    if 'username' in request.cookies:
        id = request.form['id']
        content = request.form['content']

```

```

location = request.form['location']
# extract tags and mentions :)
tags = [h for h in content.split() if h.startswith('#')]
mentions = [h for h in content.split() if h.startswith('@')]

value = {
    "author": f"{id}",
    "content": f"{content}",
    "timestamp": f"{time.time()}",
    "location": f"{location}",
    "tags": tags,
    "mentions": mentions
}
key = {"name": f"{id}"}

p = AvroProducer({
    'bootstrap.servers': BOOTSTRAP_SERVERS,
    'enable.idempotence': 'true', # for EOS: assures that only one tweet i
    'schema.registry.url': SCHEMA_REGISTRY_URL
}, default_key_schema=KEY_SCHEMA, default_value_schema=VALUE_SCHEMA)

p.produce(topic=TOPIC, value=value, key=key)
p.flush()
return 'Tweet published!'
else:
    return 'Ooops, your are not logged in...'

# Batch (with filtering) URL

```

Example 41

Project: *MyCUEverything* Author: *TiffanyVPhan* File: [app.py](#) [MIT License](#)

5 vc

```

def index():
    if everything.get(request.cookies.get('session', None), None):
        return redirect('/dash')

    response = make_response(render_template('index.html'))
    response.set_cookie('session', str(uuid4()))
    return response

```

Example 42

Project: *MyCUEverything* Author: *TiffanyVPhan* File: [app.py](#) [MIT License](#)

5 vc

```

def login():
    if not request.form.get('username', None) or not request.form.get('password',
        return redirect('/?error')
    if '@colorado.edu' in request.form.get('username', ''):
        request.form['username'] = request.form['username'].replace('@colorado.edu

    everything[request.cookies['session']] = MyCUEverything(request.form['userna
        request.form['passwor

    return redirect('dash')

```

Example 43

Project: *MyCUEverything* Author: *TiffanyVPhan* File: [app.py](#) [MIT License](#)

5 vc

```
def logout():
    if request.cookies.get('session', None) in everthings:
        everthings.pop(request.cookies['session'])

    return redirect('/?logout')
```

Example 44

Project: *MyCUEverything* Author: *TiffanyVPhan* File: *app.py* MIT License

5 vc

```
def dash():
    if not everthings.get(request.cookies.get('session', None), None):
        return redirect('/')

    return render_template('dash.html', everything=everthings[request.cookies['s
```

Example 45

Project: *c3nav-32c3* Author: *c3nav* File: *main.py* Apache License 2.0

5 vc

```
def get_locale():
    locale = 'en' # request.accept_languages.best_match(LANGUAGES.keys())
    if request.cookies.get('lang') in LANGUAGES.keys():
        locale = request.cookies.get('lang')
    if request.args.get('lang') in LANGUAGES.keys():
        locale = request.args.get('lang')
    return locale
```

Example 46

Project: *btqbo* Author: *JeffVandrewJr* File: *routes.py* GNU General Public License v3.0

5 vc

```
def index():
    status = login(request.cookies)
    if status is not None:
        return redirect(status)
    return render_template('index.html')
```

Example 47

Project: *btqbo* Author: *JeffVandrewJr* File: *routes.py* GNU General Public License v3.0

5 vc

```
def set_keys():
    status = login(request.cookies)
    if status is not None:
        return redirect(status)
    form = KeysForm()
    if form.validate_on_submit():
        save('qb_id', form.qb_id.data)
        save('qb_secret', form.qb_secret.data)
        save('qb_sandbox', form.qb_sandbox.data)
        return redirect(url_for('authqbo'))
    return render_template(
        'setkeys.html',
        title='Set Intuit Keys',
        form=form
    )
```

Example 48

```
def authqbo():
    status = login(request.cookies)
    if status is not None:
        return redirect(status)
    # calls fn to grab qbo auth url and then redirects there
    if fetch('qb_secret') is not None:
        return redirect(qbo.get_auth_url())
    else:
        return redirect(url_for('set_keys'))
```

Example 49

```
def setmail():
    # sets user email settings
    status = login(request.cookies)
    if status is not None:
        return redirect(status)
    form = MailForm()
    if form.validate_on_submit():
        save('mail_on', form.mail_on.data)
        save('mail_user', str(form.mail_user.data))
        save('mail_pswd', str(form.mail_pswd.data))
        save('mail_host', str(form.mail_host.data))
        save('mail_port', int(form.mail_port.data))
        save('mail_from', str(form.mail_from.data))
        save('merchant', str(form.merchant.data))
        save('mail_custom', form.mail_custom.data)
        if form.recipient.data is not None and str(form.recipient.data) != "":
            try:
                send(
                    dest=form.recipient.data,
                    qb_inv='test',
                    btcp_inv='test',
                    amt=0.00,
                )
            except Exception as e:
                app.logger.exception(e)
                flash('Connection to SMTP server failed.')
                return render_template('index.html')
                flash('Test email sent.')
            else:
                flash('Email settings updated.')
                return render_template('index.html')
    return render_template(
        'setmail.html',
        title='Email Settings',
        form=form,
    )
```

Example 50

```
def response_cookies_deep_copy():
    """
    It's a BAD hack to get RAW cookies headers, but so far, we don't have better
    We'd go DEEP inside the urllib's private method to get raw headers
```

```

raw_headers example:
[('Cache-Control', 'private'),
 ('Content-Length', '48234'),
 ('Content-Type', 'text/html; Charset=utf-8'),
 ('Server', 'Microsoft-IIS/8.5'),
 ('Set-Cookie', 'BoardList=BoardID=Show; expires=Mon, 02-May-2016 16:00:00 GMT;
 ('Set-Cookie', 'aspsky=abcefg; expires=Sun, 24-Apr-2016 16:00:00 GMT; path=/;
 ('Set-Cookie', 'ASPSESSIONIDCSSDSSQ=OGKMLAHDHBFDJCDMGBOGOMJ; path=/'),
 ('X-Powered-By', 'ASP.NET'),
 ('Date', 'Tue, 26 Apr 2016 12:32:40 GMT')]

"""
raw_headers = parse.remote_response.raw._original_response.headers._headers
header_cookies_string_list = []
for name, value in raw_headers:
    if name.lower() == 'set-cookie':
        if my_host_scheme == 'http://':
            value = value.replace('Secure;', '')
            value = value.replace(';Secure', ';')
            value = value.replace('; Secure', ';')
        if 'httponly' in value.lower():
            if enable_aggressive_cookies_path_rewrite:
                # 暴力cookie path重写, 把所有path都重写为 /
                value = regex_cookie_path_rewriter.sub('path=/', value)
            elif enable_aggressive_cookies_path_rewrite is not None:
                # 重写HttpOnly Cookies的path到当前url下
                # eg(/extdomains/a.foobar.com): path=/verify; -> path=/extdoma

            if parse.remote_domain not in domain_alias_to_target_set: # c
                value = regex_cookie_path_rewriter.sub(
                    '\g<prefix>=/extdomains/' + parse.remote_domain + '\g<
            header_cookies_string_list.append(value)
return header_cookies_string_list

```