

# Python `flask.request.method()` Examples

The following are code examples for showing how to use `flask.request.method()`. 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: [everyclass-server](#) Author: [everyclass](#) File: [views.py](#) [Mozilla Public License 2.0](#)

7 vc

```
def register():
    """注册：第一步：输入学号"""
    if request.method == 'GET':
        return render_template('user/register.html')
    else:
        if not request.form.get("xh", None): # 表单为空
            flash(MSG_EMPTY_USERNAME)
            return redirect(url_for("user.register"))

        _session_save_student_to_register_(request.form.get("xh", None))

        # 如果输入的学号已经注册，跳转到登录页面
        if User.exists(session[SESSION_STUDENT_TO_REGISTER].sid_orig):
            flash(MSG_ALREADY_REGISTERED)
            return redirect(url_for('user.login'))

        return redirect(url_for('user.register_choice'))
```

## Example 2

Project: [ras-frontstage](#) Author: [ONSdigital](#) File: [create\\_message.py](#) [MIT License](#)

7 vc

```
def create_message(session):
    """Creates and sends a message outside of the context of an existing conversation
    survey = request.args['survey']
    ru_ref = request.args['ru_ref']
    party_id = session['party_id']
    form = SecureMessagingForm(request.form)
    if request.method == 'POST' and form.validate():
        logger.info("Form validation successful", party_id=party_id)
        sent_message = _send_new_message(party_id, survey, ru_ref)
        thread_url = url_for("secure_message_bp.view_conversation",
                             thread_id=sent_message['thread_id']) + "#latest-message"
        flash(Markup('Message sent. <a href={}>View Message</a>'.format(thread_url)))
        return redirect(url_for('secure_message_bp.view_conversation_list'))
    else:
        return render_template('secure-messages/secure-messages-view.html',
                               ru_ref=ru_ref, survey=survey,
                               form=form, errors=form.errors, message={})
```

## Example 3

Project: [everyclass-server](#) Author: [everyclass](#) File: [\\_\\_init\\_\\_.py](#) [Mozilla Public License 2.0](#)

6 vc

```
def cron_update_remote_manifest():
    """更新数据最后更新时间"""
```

```

from everyclass.rpc.http import HttpRpc

# 获取安卓客户端下载链接
android_manifest = HttpRpc.call(method="GET",
                                url="https://everyclass.cdn.admirable.pro/android_manifest.json",
                                retry=True)

android_ver = android_manifest['latestVersions']['mainstream']['versionCode']
__app.config['ANDROID_CLIENT_URL'] = android_manifest['releases'][android_ver]

# 更新数据最后更新时间
__api_server_status = HttpRpc.call(method="GET",
                                    url=__app.config['API_SERVER_BASE_URL'] + '/api/status',
                                    retry=True,
                                    headers={'X-Auth-Token': __app.config['API_SERVER_TOKEN']})
__app.config['DATA_LAST_UPDATE_TIME'] = __api_server_status['data_time']

```

#### Example 4

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

6 vc

```

def update_content_in_local_cache(url, content, method='GET'):
    """更新 local_cache 中缓存的资源，追加content
    在stream模式中使用"""
    if local_cache_enable and method == 'GET' and cache.is_cached(url):
        info_dict = cache.get_info(url)
        resp = cache.get_obj(url)
        resp.set_data(content)

    # 当存储的资源没有完整的content时，without_content 被设置为true
    # 此时该缓存不会生效，只有当content被添加后，缓存才会实际生效
    # 在stream模式中，因为是先接收http头，然后再接收内容，所以会出现只有头而没有内容的情况
    # 此时程序会先将只有头部的响应添加到本地缓存，在内容实际接收完成后再追加内容
    info_dict['without_content'] = False

    if verbose_level >= 4: dbgprint('LocalCache_UpdateCache', url, content[:30])
    cache.put_obj(
        url,
        resp,
        obj_size=len(content),
        expires=get_expire_from_mime(parse.mime),
        last_modified=info_dict.get('last_modified'),
        info_dict=info_dict,
    )

```

#### Example 5

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

6 vc

```

def try_get_cached_response(url, client_header=None):
    """
    尝试从本地缓存中取出响应
    :param url: real url with query string
    :type client_header: dict
    :rtype: Union[Response, None]
    """
    # Only use cache when client use GET
    if local_cache_enable and parse.method == 'GET' and cache.is_cached(url):
        if client_header is not None and 'if-modified-since' in client_header and
            cache.is_unchanged(url, client_header.get('if-modified-since', None)):

```

```

        dbgprint('FileCacheHit-304', url)
        return generate_304_response()
    else:
        cached_info = cache.get_info(url)
        if cached_info.get('without_content', True):
            # 关于 without_content 的解释, 请看update_content_in_local_cache()函数
            return None
        # dbgprint('FileCacheHit-200')
        resp = cache.get_obj(url)
        assert isinstance(resp, Response)
        parse.set_extra_resp_header('x-zmirror-cache', 'FileHit')
        return resp
    else:
        return None

```

## Example 6

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

6 vc

```

def request_remote_site():
    """
    请求远程服务器(high-level), 并在返回404/500时进行 domain_guess 尝试
    """

    # 请求被镜像的网站
    # 注意: 在zmirror内部不会处理重定向, 重定向响应会原样返回给浏览器
    parse.remote_response = send_request(
        parse.remote_url,
        method=request.method,
        headers=parse.client_header,
        data=parse.request_data_encoded,
    )

    if parse.remote_response.url != parse.remote_url:
        warnprint("requests's remote url", parse.remote_response.url,
                  'does no equals our rewrited url', parse.remote_url)

    if 400 <= parse.remote_response.status_code <= 599:
        # 猜测url所对应的正确域名
        dbgprint("Domain guessing for", request.url)
        result = guess_correct_domain()
        if result is not None:
            parse.remote_response = result

```

## Example 7

Project: [eve-auth-jwt](#) Author: [rs](#) File: [auth.py](#) MIT License

6 vc

```

def check_token(self, token, allowed_roles, resource, method):
    """
    This function is called when a token is sent throught the access_token
    parameter or the Authorization header as specified in the OAuth 2 specific

    The provided token is validated with the JWT_SECRET defined in the Eve cor
    The token issuer (iss claim) must be the one specified by JWT_ISSUER and t
    (aud claim) must be one of the value(s) defined by the either the "audien
    parameter or the global JWT_AUDIENCES configuration.

    If JWT_ROLES_CLAIM is defined and a claim by that name is present in the t
    are checked using this claim.

```

If a `JWT_SCOPE_CLAIM` is defined and a claim by that name is present in the claim value is check, and if "viewer" is present, only GET and HEAD method allowed. The scope name is then added to the list of roles with the scope:

If the validation succeed, the claims are stored and accessible thru the `get_authen_claims()` `method`.

```
resource_conf = config.DOMAIN[resource]
audiences = resource_conf.get('audiences', config.JWT_AUDIENCES)
return self._perform_verification(token, audiences, allowed_roles)
```

#### Example 8

Project: *eve-auth-jwt* Author: *rs* File: *auth.py* MIT License

6 vc

```
def _perform_verification(self, token, audiences, allowed_roles):
    verified, payload, account_id, roles = verify_token(
        token, self.secret, self.issuer, request.method, audiences, allow
    )
    if not verified:
        return False

    # Save roles for later access
    self.set_authen_roles(roles)

    # Save claims for later access
    self.set_authen_claims(payload)

    # Limit access to the authen account
    self.set_request_auth_value(account_id)

    return True
```

#### Example 9

Project: *flasky* Author: *RoseOu* File: *flask\_httpauth.py* MIT License

6 vc

```
def login_required(self, f):
    @wraps(f)
    def decorated(*args, **kwargs):
        auth = request.authorization
        # We need to ignore authentication headers for OPTIONS to avoid
        # unwanted interactions with CORS.
        # Chrome and Firefox issue a preflight OPTIONS request to check
        # Access-Control-* headers, and will fail if it returns 401.
        if request.method != 'OPTIONS':
            if auth:
                password = self.get_password_callback(auth.username)
            else:
                password = None
            if not self.authenticate(auth, password):
                return self.auth_error_callback()
        return f(*args, **kwargs)
    return decorated
```

#### Example 10

Project: *flasky* Author: *RoseOu* File: *flask\_httpauth.py* MIT License

6 vc

```
def authenticate(self, auth, stored_password_or_hal):
    if not auth or not auth.username or not auth.realm or not auth.uri \
        or not auth.nonce or not auth.response \
        or not stored_password_or_hal:
        return False
    if not(self.verify_nonce_callback(auth.nonce)) or \
        not(self.verify_opaque_callback(auth.opaque)):
        return False
    if self.use_hal_pw:
        hal = stored_password_or_hal
    else:
        a1 = auth.username + ":" + auth.realm + ":" + \
            stored_password_or_hal
        hal = md5(a1.encode('utf-8')).hexdigest()
    a2 = request.method + ":" + auth.uri
    ha2 = md5(a2.encode('utf-8')).hexdigest()
    a3 = hal + ":" + auth.nonce + ":" + ha2
    response = md5(a3.encode('utf-8')).hexdigest()
    return response == auth.response
```

### Example 11

Project: *radius-1xtest* Author: *shanghai-edu* File: *views.py* [Apache License 2.0](#)

6 vc

```
def radius1x_api(ssid):
    ssid_config = app.config['SSID_CONFIG']
    if ssid not in ssid_config:
        return "404 page not found",404
    data = request.get_json()
    if not data or not 'username' in data or not 'password' in data:
        result = {"success":False,"msg":"username or password not found"}
        return jsonify(result=result),400
    username = data["username"].encode("utf-8")
    password = data["password"].encode("utf-8")
    tsStart = time()
    try:
        res = radius_challenge(username, password, ssid_config[ssid]['RAD1
        t = time() - tsStart
        result = {"username":username,"method":"mscharpv2","time":t,"succ
        return jsonify(result=result),200
    except:
        t = time() - tsStart
        result = {"username":username,"method":"mscharpv2","time":t,"succ
        return jsonify(result=result),200
```

### Example 12

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

6 vc

```
def user_authorization(func):
    @wraps(func)
    def wrapper(*args, **kwargs):
        if current_user and hasattr(current_user, 'role'):
            role = current_user.role
        else:
            role = None

        if role and role in user_roles:
            if request.method in user_roles[role]:
                return func(*args, **kwargs)
```

```

        if current_user and 'instance_id' in kwargs and current_user.id == int(kwargs['instance_id']):
            return func(*args, **kwargs)

    abort(403)
    return wrapper

```

### Example 13

Project: *restful-ben* Author: *CityOfPhiladelphia* File: *auth.py* MIT License

6 vc

```

def authorization(roles_permissions):
    def authorization_decorator(func):
        @wraps(func)
        def wrapper(*args, **kwargs):
            if current_user and hasattr(current_user, 'role'):
                role = current_user.role
            else:
                role = None

            if role and role in roles_permissions:
                if request.method in roles_permissions[role]:
                    return func(*args, **kwargs)

            abort(403)
        return wrapper
    return authorization_decorator

```

### Example 14

Project: *LOST* Author: *kylemh* File: *create\_user.py* MIT License

6 vc

```

def create_user():
    if request.method == 'POST':
        username = request.form.get('username', None).strip() # Aa09_- allowed
        password = request.form.get('password', None)
        role = request.form.get('role', 'Guest')

        if re.match(r'^[\w.-]+$', username) and password:
            # Form was completed with valid input
            matching_user = "SELECT user_pk FROM users WHERE username = %s;"
            user_does_exist = helpers.duplicate_check(matching_user, [username])

            if user_does_exist:
                flash('Username already exists')
            else:
                salt = bcrypt.gensalt(12)
                password = bcrypt.hashpw(password.encode('utf-8'), bytes(salt))
                new_user = ("INSERT INTO users (username, password, salt, role_fk)
                            VALUES (%s, %s, %s, %s);")
                helpers.db_change(new_user, [username, password, salt, role])
                flash('Your account was created!')

        else:
            flash('Please enter a username and password.')

    return render_template('create_user.html')

```

### Example 15

Project: *prada-protecting-against-dnn-model-stealing-attacks* Author: *SSGAalto*

6 vc

```
def serve_model(delta: float, oracle_path: str, model_class: model):
    gd_agent = gs.GrowingDistanceAgent(
        delta=delta,
        dist_metric=gso.l2,
        thr_update_rule=gso.mean_dif_std)

    allowed_extensions = ["jpg", "png", "ppm"]
    app = Flask(__name__)

    oracle = mops.load_server(oracle_path, model_class=model_class)
    oracle_predict = mops.model_handle(oracle)

    @app.route("/predict", methods=["POST"])
    def upload_image():
        if request.method == "POST":
            img_file = request.files['payload']
            if img_file and img_file.filename[-3:] in allowed_extensions:
                img_query = to_matrix(img_file)
                logits = oracle_predict(img_query)
                target_class = np.argmax(gso.softmax(logits))
                attacker_present = gd_agent.single_query(img_query)
                res = shuffle_max_logits(logits, 3) if attacker_present else target_class
                return str(res)

    app.run(port=8080, host="localhost")
```

**Example 16**

Project: [DancesafeResults](#) Author: [siorai](#) File: [DancesafeResults.py](#) GNU Affero General Public License v3.0

6 vc

```
def api_new_event():
    if request.method == "POST":
        newConnection = DBConn()
        currentSession = newConnection.cursor()
        print(request.is_json)
        content = request.get_json()
        print(content)
        eventName = content["name"]
        eventYear = content["year"]
        eventCity = content["city"]
        eventState = content["state"]
        eventRegion = content["region"]
        eventAuthor = content["author"]
        currentSession.execute(
            "INSERT INTO EVENT (name, year, city, state, region, author) VALUES ('%s', '%s', '%s', '%s', '%s', '%s'" % (
                eventName, eventYear, eventCity, eventState, eventRegion, eventAuthor
            )
        )
        newConnection.commit()
        currentSession.close()
        newConnection.close()
        return "JSON posted"
```

**Example 17**

Project: [DancesafeResults](#) Author: [siorai](#) File: [DancesafeResults.py](#) GNU Affero General Public License v3.0

6 vc

```
def api_demo_chart():
    if request.method == "GET":
        newConnection = DBConn()
        currentSession = newConnection.cursor()
        currentSession.execute(demoChart2)
        jsonifyMe = []
        for each_entry in currentSession.fetchall():
            jsonifyMe.append(each_entry[0])
        piechart = Counter(jsonifyMe)
        print(type(dict(piechart)))
        chartFormat = []
        for key, value in dict(piechart).items():
            chartFormat.append({"label": key, "value": value})
        currentSession.close()
        newConnection.close()
        return jsonify(chartFormat)
```

### Example 18

Project: *DancesafeResults* Author: *siorai* File: [DancesafeResults.py](#) GNU Affero General Public License v3.0

6 vc

```
def test_add():
    if request.method == "POST":
        users = Users(
            request.form["username"],
            request.form["fullname"],
            request.form["email"],
            request.form["facebookurl"],
            request.form["instagram"],
            request.form["chapter"],
            request.form["password"],
        )
        session.add(users)
        session.commit()
        print(users)
        return redirect(url_for("show_all"))
    return render_template("adduser.html")
```

### Example 19

Project: *DancesafeResults* Author: *siorai* File: [DancesafeResults.py](#) GNU Affero General Public License v3.0

6 vc

```
def addreagentlist():
    if request.method == "GET":
        for eachReagent in reagentsList:
            authorUUID = (
                session.query(Users.id).filter(Users.fullname == eachReagent[1]).c
            )
            newReagent = Reagents(
                name=eachReagent[0], author=authorUUID, description=eachReagent[2]
            )
            session.add(newReagent)
        session.commit()
        dbreagentList = session.query(
            Reagents.id,
            Reagents.name,
            Reagents.author,
            Reagents.ts,
            Reagents.description,
```



```

    )
    for row in session.query(Users).filter(Users.id == authorUUID).all():
        authorName = row.fullname
    return render_template(
        "reagentsindb.html", dbreagentList=dbreagentList, authorName=authorName
    )

```

### Example 20

Project: *DancesafeResults* Author: *siorai* File: *DancesafeResults.py* GNU Affero General Public License v3.0

6 vc

```

def addreactionlist():
    if request.method == "GET":
        for eachReagent in session.query(Reagents):
            newReaction1 = Reactions(reagentid=eachReagent.id, reactionint=0)
            session.add(newReaction1)
            newReaction2 = Reactions(reagentid=eachReagent.id, reactionint=1)
            session.add(newReaction2)
            newReaction3 = Reactions(reagentid=eachReagent.id, reactionint=2)
            session.add(newReaction3)
        session.commit()
        dbreactionList = (
            session.query(Reactions, Reagents)
            .filter(Reactions.reagentid == Reagents.id)
            .all()
        )
    return render_template("dbreactionlist.html", dbreactionList=dbreactionList)

```

### Example 21

Project: *DancesafeResults* Author: *siorai* File: *DancesafeResults.py* GNU Affero General Public License v3.0

6 vc

```

def addmastermateriallist():
    """
    Adds the materialList from DatabaseMasterList into the DB.

    *To be used during initial database creation.

    :return: page showing all material types.
    """
    if request.method == "GET":
        for eachType in materialList:
            newType = MaterialType(name=eachType)
            session.add(newType)
        session.commit()
        dbmateriallist = session.query(MaterialType.id, MaterialType.name).order_by(
            MaterialType.name
        )
    return render_template("materialsindb.html", dbmateriallist=dbmateriallist)

```

### Example 22

Project: *adh6* Author: *bonnetn* File: *proxy.py* GNU General Public License v3.0

6 vc

```

def __init__(self, controller: ProxyController):
    self.blueprint = Blueprint('proxy_blueprint', __name__)

    @self.blueprint.route('/', defaults={'path': ''})

```

```

@self.blueprint.route('/<path:path>', methods=['GET', 'OPTIONS', 'HEAD', '
def proxy(path):
    return controller.proxy(
        path,
        Request(
            method=request.method,
            args=request.args,
            headers=request.headers,
            raw_content=request.stream.read(),
        ),
        session.get(SESSION_TOKEN)
    )

```

### Example 23

Project: *pornote* Author: *haltode* File: [member.py](#) MIT License

6 vc

```

def sign_in():
    if "email" in session:
        return redirect(url_for("homepage"))

    if request.method == "GET":
        return render_template("sign_in.html")
    elif request.method == "POST":
        email = request.form.get("email")
        password = request.form.get("password")

        member = Member.query.filter_by(email=email).first()
        if member and member.check_password(password):
            session["email"] = email
            return redirect(url_for("homepage"))
        else:
            flash("Email ou mot de passe incorrect !")
            return render_template("sign_in.html")

```

### Example 24

Project: *password\_pwncheck* Author: *CboeSecurity* File: [password-pwncheck.py](#) MIT License

6 vc

```

def v1CheckPassword():
    username = ''
    password = ''
    if request.method == 'GET':
        username = request.args.get('u', '')
        password = request.args.get('p', '')
        print(request.args.get('u', ''))
        print(request.args.get('p', ''))
        reserve = True
    elif request.method == 'POST':
        username = request.form.get('u', '')
        password = request.form.get('p', '')
        reserve = False
    (isGood, code, reason) = pwn.verifyPasswordGood(username,
                                                    password,
                                                    reserve=reserve,
                                                    always_true=config.yesman)

    logStore.code = code
    logStore.isValid = isGood
    logStore.user = username

```

```
message = u', '.join(map(str,[isGood,code,reason]))
return message
```

### Example 25

Project: *telegram-innovation-chatbot* Author: *zaoldyeck* File: [main.py](#) MIT License

5 vc

```
def webhook_handler():
    """Set route /hook with POST method will trigger this method."""
    if request.method == "POST":
        update = telegram.Update.de_json(request.get_json(force=True), bot)
        dispatcher.process_update(update)
    return 'ok'
```

### Example 26

Project: *flaskit* Author: *elston* File: [views.py](#) MIT License

5 vc

```
def login():
    # ..
    form = LoginForm(request.form)
    if request.method == 'POST':
        if form.validate_on_submit():
            login_user(form.user)
            redirect_url = request.args.get('next') or url_for('admin.index')
            return redirect(redirect_url)
        else:
            flash_errors(form)
    # ..
    return render_template('accounts/login.html', form=form)
```

### Example 27

Project: *flask-ci* Author: *vicenteneto* File: [views.py](#) MIT License

5 vc

```
def create_list():
    if request.method == 'POST':
        return 'Create user'
    return 'List users'
```

### Example 28

Project: *flask-ci* Author: *vicenteneto* File: [views.py](#) MIT License

5 vc

```
def read_delete_update(user_id):
    if request.method == 'GET':
        return 'Read user %s' % user_id
    elif request.method == 'DELETE':
        return 'Delete user %s' % user_id
    return 'Update user %s' % user_id
```

### Example 29

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

5 vc

```
def put_response_to_local_cache(url, _our_resp, without_content=False):
    """
    put our response object(headers included) to local cache
    :param without_content: for stream mode use
```

```

:param url: client request url
:param _our_resp: our response(flask response object) to client, would be stor
:type url: str
:type _our_resp: Response
:type without_content: bool
"""
# Only cache GET method, and only when remote returns 200(OK) status
if parse.method != 'GET' or _our_resp.status_code != 200:
    return

dbgprint('PuttingCache:', url, "without_content:", without_content)

if without_content:
    our_resp = copy.copy(_our_resp)
    our_resp.response = None # delete iterator
    obj_size = 0
else:
    our_resp = _our_resp
    obj_size = len(parse.remote_response.content)

# requests' header are CaseInsensitive
last_modified = parse.remote_response.headers.get('Last-Modified', None)

cache.put_obj(
    url,
    our_resp,
    expires=get_expire_from_mime(parse.mime),
    obj_size=obj_size,
    last_modified=last_modified,
    info_dict={'without_content': without_content,
              'last_modified': last_modified,
              },
)

```

### Example 30

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 v
    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=OGKMLAHDHBFDJCDMGBOAGOMJ; 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=/extdomains/a.foobar.com/verify
            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 31

Project: [eve-auth-jwt](#) Author: [rs](#) File: [auth.py](#) MIT License

5 vc

```

def authorized(self, allowed_roles, resource, method):
    authorized = False

    if request.authorization:
        auth = request.authorization
        authorized = self.check_auth(auth.username, auth.password,
                                     allowed_roles, resource, method)
    else:
        try:
            access_token = request.args['access_token']
        except KeyError:
            access_token = request.headers.get('Authorization', '').partition(' ')[1]
            authorized = self.check_token(access_token, allowed_roles, resource, method)

    return authorized

```

### Example 32

Project: [eve-auth-jwt](#) Author: [rs](#) File: [auth.py](#) MIT License

5 vc

```

def requires_token(self, audiences=None, allowed_roles=None):
    """
    Decorator for functions that will be protected with token authentication.

    Token must be provided either through access_token parameter or Authorization
    header.

    See check_token() method for further details.
    """
    def requires_token_wrapper(f):
        @wraps(f)
        def decorated(*args, **kwargs):
            try:
                token = request.args['access_token']
            except KeyError:
                token = request.headers.get('Authorization', '').partition(' ')[1]

            if not self._perform_verification(token, audiences, allowed_roles):
                abort(401)

            return f(*args, **kwargs)

```

```
        return decorated
    return requires_token_wrapper
```

### Example 33

Project: *pnp* Author: *HazardDede* File: [http.py](#) MIT License

5 vc

```
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 34

Project: *flasky* Author: *RoseOu* File: [form.py](#) MIT License

5 vc

```
def is_submitted(self):
    """
    Checks if form has been submitted. The default case is if the HTTP
    method is **PUT** or **POST**.
    """

    return request and request.method in ("PUT", "POST")
```

### Example 35

Project: *Nurevam* Author: *Maverun* File: *app.py* MIT License

5 vc

```
def csrf_protect():
    if request.method == "POST":
        token = session.pop('_csrf_token', None)
        if not token or token != request.form.get('_csrf_token'):
            abort(403)
```

### Example 36

Project: *PythonMicroservicesDevelopment\_Code* Author: *mtianyan* File: *users.py* Apache License

2.0

5 vc

```
def create_user():
    form = UserForm()
    if request.method == 'POST':

        if form.validate_on_submit():
            new_user = User()
            form.populate_obj(new_user)
            db.session.add(new_user)
            db.session.commit()
            return redirect('/users')

    return render_template('create_user.html', form=form)
```

### Example 37

Project: *PythonMicroservicesDevelopment\_Code* Author: *mtianyan* File: *users.py* Apache License

2.0

5 vc

```
def create_user():
    form = UserForm()
    if request.method == 'POST':

        if form.validate_on_submit():
            new_user = User()
            form.populate_obj(new_user)
            db.session.add(new_user)
            db.session.commit()
            return redirect('/users')

    return render_template('create_user.html', form=form)
```

### Example 38

Project: *comport* Author: *codeforamerica* File: *views.py* BSD 3-Clause "New" or "Revised" License

5 vc

```
def add_department():
    form = NewDepartmentForm(request.form)
    if request.method == 'POST':
        if form.validate_on_submit():
            Department.create(name=form.department_name.data, short_name=form.depa
            flash('Department %s created.' % form.department_name.data, 'info')
            return redirect(url_for('admin.admin_dashboard'))
        else:
            flash_errors(form)
    return render_template("admin/newDepartment.html", form=form)
```

### Example 39

Project: *comport* Author: *codeforamerica* File: [views.py](#) BSD 3-Clause "New" or "Revised" License 5 vc

```
def new_invite_code():
    form = NewInviteForm(request.form)
    form.department_id.choices = [(d.id, d.name) for d in Department.query.order_by(
    if request.method == 'POST':
        if form.validate_on_submit():
            invite = Invite_Code.create(department_id=form.department_id.data, coc
            flash('Invite Code for {0}: {1} created.'.format(invite.department.nam
            return redirect(url_for('admin.admin_dashboard'))
        else:
            flash_errors(form)
    return render_template("admin/newInvite.html", form=form)
```

### Example 40

Project: *comport* Author: *codeforamerica* File: [views.py](#) BSD 3-Clause "New" or "Revised" License 5 vc

```
def edit_user(user_id):
    user = User.get_by_id(user_id)
    if not user:
        abort(404)

    form = EditUserForm(request.form, departments=[d.id for d in user.departments]
    form.departments.choices = [(d.id, d.name) for d in Department.query.order_by(

    if request.method == 'POST':
        user.departments = [Department.get_by_id(int(d)) for d in form.departments
        user.save()
        flash('User updated.', 'info')
        return redirect(url_for('admin.admin_dashboard'))

    return render_template("admin/editUser.html", form=form, user=user)
```

### Example 41

Project: *comport* Author: *codeforamerica* File: [views.py](#) BSD 3-Clause "New" or "Revised" License 5 vc

```
def start_password_reset(user_id):
    user = User.get_by_id(user_id)
    if not user:
        abort(404)

    if request.method == 'POST':
        user.password_reset_uuid = str(uuid.uuid4())
        user.save()
        flash('User password reset engaged.', 'info')
        return redirect(url_for('admin.edit_user', user_id=user_id))

    return redirect(url_for('admin.edit_user', user_id=user_id))
```

### Example 42

Project: *comport* Author: *codeforamerica* File: [views.py](#) BSD 3-Clause "New" or "Revised" License 5 vc

```
def edit_extractor(extractor_id):
    extractor = Extractor.get_by_id(extractor_id)
```



```

if not extractor:
    abort(404)

form = EditExtractorForm(request.form, departments=[d.id for d in extractor.de
form.departments.choices = [(d.id, d.name) for d in Department.query.order_by(

if request.method == 'POST':
    extractor.departments = [Department.get_by_id(int(d)) for d in form.depart
    extractor.save()
    flash('Extractor updated.', 'info')
    return redirect(url_for('admin.admin_dashboard'))

return render_template("admin/editExtractor.html", form=form, extractor=extrac

```

#### Example 43

Project: *comport* Author: *codeforamerica* File: *views.py* BSD 3-Clause "New" or "Revised" License 5 vc

```

def start_extractor(department_id):
    department = Department.get_by_id(department_id)
    if not department:
        abort(404)
    if request.method == 'POST':
        if request.form['submit'] == 'Set':
            extractor = department.get_extractor()
            extractor.next_year = request.form["year"]
            extractor.next_month = request.form["month"]
            extractor.save()
            flash("Extractor start date set to {}/{}".format(extractor.next_month,
            return redirect(url_for('department.department_dashboard', department_

# <<<<<<< EDIT ENDPOINTS >>>>>>>

```

#### Example 44

Project: *radius-1xtest* Author: *shanghai-edu* File: *views.py* Apache License 2.0 5 vc

```

def radius_test(ssid):
    ssid_config = app.config['SSID_CONFIG']
    if ssid not in ssid_config:
        return "404 page not found",404
    if request.method == 'GET':
        return render_template('radius1x.html',ssid=ssid)

    username = request.form['username'].encode("utf-8")
    password = request.form['password'].encode("utf-8")
    verify_code = request.form['verify_code']
    if 'code_text' in session and verify_code.lower() != session['code_text']:
        return render_template('radius1x.html',ssid=ssid,verify_error=True)
    tsStart = time()
    try:
        res = radius_challenge(username, password, ssid_config[ssid]['RAD1
        t= time() - tsStart
        result = {"username":username,"method":"mscharpv2","time":t,"succ
        if result["success"]:
            access = "Access-Accept"
        else:
            access = "Access-Reject"
        timeusage = ("%2f" % result['time'])
        timeusage = str(timeusage) + "s"
        return render_template('radius1x.html', ssid=ssid,username=result[

```

```

except:
    t = time() - tsStart
    result = {"username":username,"method":"mscharpv2","time":t,"succ
    if result["success"]:
        access = "Access-Accept"
    else:
        access = "Access-Reject"
    timeusage = ("%2f" % result['time'])
    timeusage = str(timeusage) + "s"
    return render_template('radius1x.html', ssid=ssid,username=result[

```

#### Example 45

Project: *IBM-Watson-apply* Author: *littlewizardLI* File: *welcome.py* [Apache License 2.0](#)

5 vc

```

def check():
    if request.method == 'GET':
        token = 'changshunowcs'
        signature = request.args.get('signature', '')
        echostr = request.args.get('echostr', '')
        timestamp = request.args.get('timestamp', '')
        nonce = request.args.get('nonce', '')
        tmp = [timestamp, nonce, token]
        tmp.sort()
        tmp = ''.join(tmp)
        if ( hashlib.sha1(tmp).hexdigest() == signature ):
            return make_response(echostr)
    else:
        recMsg = receive.parse_xml(request.stream.read())
        if isinstance(recMsg, receive.Msg):
            toUser = recMsg.FromUserName
            fromUser = recMsg.ToUserName
            if recMsg.MsgType == 'text':
                textContent1 = recMsg.Content
                textContent2 = translate.Translate(textContent1)
                textContent3 = poem.MakePoem(textContent2)
                replyMsg = reply.TextMsg(toUser, fromUser, textContent3)
                return replyMsg.send()
            if recMsg.MsgType == 'image':
                mediaId = recMsg.MediaId
                mediaUrl = recMsg.PicUrl
                imgContent1 = visual.VisualContent(mediaUrl)
                imgContent2 = translate.Translate(imgContent1)
                content = poem.MakePoem(imgContent2)
                #content = "url: " + mediaUrl
                replyMsg = reply.TextMsg(toUser, fromUser, content)
                return replyMsg.send()
            else:
                return reply.Msg().send()
        else:
            print ("...")
            return reply.Msg().send()

```

#### Example 46

Project: *ras-frontstage* Author: *ONSdigital* File: *enter\_account\_details.py* [MIT License](#)

5 vc

```

def register_enter_your_details():
    # Get and decrypt enrolment code
    encrypted_enrolment_code = request.args.get('encrypted_enrolment_code', None)
    enrolment_code = cryptographer.decrypt(encrypted_enrolment_code.encode()).decc

```

```

form = RegistrationForm(request.values, enrolment_code=encrypted_enrolment_code)
form.email_address.data = form.email_address.data.strip()

# Validate enrolment code before rendering or checking the form
iac_controller.validate_enrolment_code(enrolment_code)

if request.method == 'POST' and form.validate():
    logger.info('Attempting to create account')
    email_address = form.email_address.data
    registration_data = {
        'emailAddress': email_address,
        'firstName': request.form.get('first_name'),
        'lastName': request.form.get('last_name'),
        'password': request.form.get('password'),
        'telephone': request.form.get('phone_number'),
        'enrolmentCode': enrolment_code,
    }

    try:
        party_controller.create_account(registration_data)
    except ApiError as exc:
        if exc.status_code == 400:
            logger.info('Email already used')
            error = {"email_address": ["This email has already been used to register"]}
            return render_template('register/register.enter-your-details.html', error=error)
        else:
            logger.error('Failed to create account', status=exc.status_code)
            raise exc

    logger.info('Successfully created account')
    return redirect(url_for('register_bp.confirm_enter_your_details', email_address=email_address))

else:
    return render_template('register/register.enter-your-details.html', form=form)

```

#### Example 47

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

5 v

```

def add_survey(_):
    form = EnrolmentCodeForm(request.form)

    if request.method == 'POST' and form.validate():
        logger.info('Enrolment code submitted')
        enrolment_code = request.form.get('enrolment_code').lower()

        # Validate the enrolment code
        try:
            iac = iac_controller.get_iac_from_enrolment(enrolment_code)
            if iac is None:
                logger.info('Enrolment code not found')
                template_data = {"error": {"type": "failed"}}
                return render_template('surveys/surveys-add.html', form=form, data=template_data)
            if not iac['active']:
                logger.info('Enrolment code not active')
                template_data = {"error": {"type": "failed"}}
                return render_template('surveys/surveys-add.html', form=form, data=template_data)
        except ApiError as exc:
            if exc.status_code == 400:
                logger.info('Enrolment code already used', status_code=exc.status_code)
                template_data = {"error": {"type": "failed"}}
                return render_template('surveys/surveys-add.html', form=form, data=template_data)

```

```

else:
    logger.error('Failed to submit enrolment code', status_code=exc.st
    raise

cryptographer = Cryptographer()
encrypted_enrolment_code = cryptographer.encrypt(enrolment_code.encode()).
logger.info('Successful enrolment code submitted')
return redirect(url_for('surveys_bp.survey_confirm_organisation',
                        encrypted_enrolment_code=encrypted_enrolment_code,
                        _external=True,
                        _scheme=getenv('SCHEME', 'http')))

elif request.method == 'POST' and not form.validate():
    logger.info('Invalid character length, must be 12 characters')
    template_data = {"error": {"type": "failed"}}
    return render_template('surveys/surveys-add.html', form=form, data=templat

return render_template('surveys/surveys-add.html', form=form, data={"error": {

```

#### Example 48

Project: [activitypump-server](#) Author: [w3c-social](#) File: [views.py](#) [Apache License 2.0](#)

5 vc

```

def submit_example():
    if request.method == "GET":
        return render_template("form.html")

    # otherwise, it's a POST
    new_user = {}
    def update_from_field(fieldname):
        if fieldname in request.form:
            new_user[fieldname] = request.form[fieldname]

    map(update_from_field, ['username', 'real_name'])
    db.USERS[request.form['username']] = new_user

    return redirect(url_for('show_db_stuff'))

```

#### Example 49

Project: [cisco-dnac-platform-webex-notifications](#) Author: [robertcsapo](#) File: [run.py](#) [MIT License](#)

5 vc

```

def mainPage():
    if request.method == 'GET':
        return("cisco-dnac-platform-webex-notifications version %s -> by Robert Cs
    elif request.method == 'POST':
        return("cisco-dnac-platform-webex-notifications healthcheck")

```

#### Example 50

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

5 vc

```

def dispatch(self, *args, **kwargs):
    if hasattr(self, 'methods'):
        method = request.method
        if method not in self.methods and method not in ['HEAD', 'OPTIONS']:
            raise Exception('Unimplemented method %r' % request.method)
        return super(BaseResource, self).dispatch(*args, **kwargs)

```