Python flask.request.host() Examples

The following are code examples for showing how to use *flask.request.host()*. 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: *jbox* Author: *jpush* File: *csrf.py* MIT License 6 vo

```
def protect(self):
        if request.method not in self._app.config['WTF_CSRF_METHODS']:
            return

        if not validate_csrf(self._get_csrf_token()):
            reason = 'CSRF token missing or incorrect.'
            return self._error_response(reason)

        if request.is_secure and self._app.config['WTF_CSRF_SSL_STRICT']:
            if not request.referrer:
                reason = 'Referrer checking failed - no Referrer.'
                return self._error_response(reason)

            good_referrer = 'https://%s/' % request.host
            if not same_origin(request.referrer, good_referrer):
                reason = 'Referrer checking failed - origin does not match.'
                return self._error_response(reason)

        request.csrf_valid = True  # mark this request is csrf valid
```

Example 2

Project: *invenio-records-rest* Author: *inveniosoftware* File: *links.py* MIT License 6 vo

```
def default_links_factory_with_additional(additional_links):
    """Generate a links generation factory with the specified additional links.

    :param additional_links: A dict of link names to links to be added to the
           returned object.
    :returns: A link generation factory.
    """
    def factory(pid, **kwargs):
        links = default_links_factory(pid)
        for link in additional_links:
            links[link] = additional_links[link].format(pid=pid,
                                                        scheme=request.scheme,
                                                        host=request.host)
        return links

    return factory
```

Example 3

Project: *RSSNewsGAE* Author: *liantian-cn* File: *csrf.py* Apache License 2.0 6 vo

```
def protect(self):
        if request.method not in current_app.config['WTF_CSRF_METHODS']:
            return
```

```
        try:
            validate_csrf(self._get_csrf_token())
        except ValidationError as e:
            logger.info(e.args[0])
            self._error_response(e.args[0])

        if request.is_secure and current_app.config['WTF_CSRF_SSL_STRICT']:
            if not request.referrer:
                self._error_response('The referrer header is missing.')

            good_referrer = 'https://{0}/'.format(request.host)

            if not same_origin(request.referrer, good_referrer):
                self._error_response('The referrer does not match the host.')

        g.csrf_valid = True  # mark this request as CSRF valid
```

Example 4

Project: *chihu* Author: *yelongyu* File: *csrf.py* GNU General Public License v3.0 6 vo

```
def protect(self):
        if request.method not in self._app.config['WTF_CSRF_METHODS']:
            return

        if not validate_csrf(self._get_csrf_token()):
            reason = 'CSRF token missing or incorrect.'
            return self._error_response(reason)

        if request.is_secure and self._app.config['WTF_CSRF_SSL_STRICT']:
            if not request.referrer:
                reason = 'Referrer checking failed - no Referrer.'
                return self._error_response(reason)

            good_referrer = 'https://%s/' % request.host
            if not same_origin(request.referrer, good_referrer):
                reason = 'Referrer checking failed - origin does not match.'
                return self._error_response(reason)

        request.csrf_valid = True  # mark this request is csrf valid
```

Example 5

Project: *cloudstack-ec2stack* Author: *apache* File: *helpers.py* Apache License 2.0 6 vo

```
def _get_request_string(data, method=None, host=None, path=None):
    """
    Creates the request string.

    @param data: Data of the request.
    @param method: HTTP method used.
    @param host: HTTP host.
    @param path: HTTP path.
    @return: Request string.
    """
    if method is None:
        method = request.method
    if host is None:
        host = request.host
    if path is None:
```

```
        path = request.path

    query_string = _get_query_string(data)

    request_string = '\n'.join(
        [method, host, path, query_string]
    )

    return request_string.encode('utf-8')
```

Example 6

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 6 vo

```
def get_config(self, host):
        if self._config_path:
            assert Path(self._config_path).is_file()

            with open(self._config_path, 'rb') as config_file:
                config = self._load_config(config_file.read())

        elif self._config_url:
            with urllib.request.urlopen(self._config_url) as config_file:
                config = self._load_config(config_file.read())

        if StrictVersion(config.get('openapi', '2.0.0')) >= StrictVersion('3.0.0')
            for server in config['servers']:
                server['url'] = re.sub('//[a-z0-9\-\.:]+/?', '//{}/'.format(host)
        else:
            config['host'] = host
        return config
```

Example 7

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 6 vo

```
def _flask_handler(self):
        from flask import request, jsonify
        from flask.blueprints import Blueprint

        swagger_blueprint = Blueprint(
            'swagger_blueprint', __name__, url_prefix=self._url_prefix,
            static_folder=self.static_dir, static_url_path='/'
        )

        @swagger_blueprint.route(r'/')
        def swagger_blueprint_doc_handler():
            return self.doc_html

        @swagger_blueprint.route(r'/swagger.json')
        def swagger_blueprint_config_handler():
            return jsonify(self.get_config(request.host))

        if self._editor:
            @swagger_blueprint.route(r'/editor')
            def swagger_blueprint_editor_handler():
                return self.editor_html

        self._app.register_blueprint(swagger_blueprint)
```

Example 8

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 6 vo

```
def _aiohttp_handler(self):
        from aiohttp import web

        async def swagger_doc_handler(request):
            return web.Response(text=self.doc_html, content_type='text/html')

        async def swagger_editor_handler(request):
            return web.Response(text=self.editor_html, content_type='text/html')

        async def swagger_config_handler(request):
            return web.json_response(self.get_config(request.host))

        self._app.router.add_get(self._uri(), swagger_doc_handler)

        if self._editor:
            self._app.router.add_get(self._uri('/editor'), swagger_editor_handler)

        self._app.router.add_get(self._uri('/swagger.json'), swagger_config_handle
        self._app.router.add_static(self._uri('/'), path='{}/'.format(self.static_
```

Example 9

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 6 vo

```
def _sanic_handler(self):
        from sanic import response
        from sanic.blueprints import Blueprint

        swagger_blueprint = Blueprint('swagger_blueprint', url_prefix=self._url_pr

        @swagger_blueprint.get('/')
        async def swagger_blueprint_doc_handler(request):
            return response.html(self.doc_html)

        if self._editor:
            @swagger_blueprint.get('/editor')
            async def swagger_blueprint_editor_handler(request):
                return response.html(self.editor_html)

        @swagger_blueprint.get('/swagger.json')
        async def swagger_blueprint_config_handler(request):
            return response.json(self.get_config(request.host))

        swagger_blueprint.static('/', str(self.static_dir))
        self._app.blueprint(swagger_blueprint)
```

Example 10

Project: *rest_api* Author: *opentargets* File: *utils.py* Apache License 2.0 6 vo

```
def get(self):
        mpstore = current_app.extensions['mp_access_store']
        args = self.parser.parse_args()
        event = args['event'][:120]
        ip_resolver = current_app.config['IP_RESOLVER']
        ip = request.remote_addr
        ip_net = IPNetwork(ip)
        resolved_org = ip_resolver['default']
        for net, org in ip_resolver.items():
```

```
            if isinstance(net, (IPv4Network, IPv6Network)):
                if net.overlaps(ip_net):
                    resolved_org = org
                    break
        data = dict(org=resolved_org,
                    host=request.host,
                    timestamp=datetime.now(),
                    event=event)
        # esstore.store_event(data)
        mpstore.store_event(data)
        data['timestamp']= str(data['timestamp'])
        return CTTVResponse.OK(SimpleResult(None, data=data))
```

Example 11

Project: *sparrow* Author: *wylok* File: *work_order.py* GNU General Public License v3.0 6 vo

```
def work_sql_execute_details(work_number=None):
    publish_info = defaultdict()
    try:
        db_sso = db_op.user_sso
        db_sql_execute = db_op.sql_execute
        if work_number:
            infos = db_sso.query.with_entities(db_sso.dingunionid, db_sso.realName
            users = {info[0]: info[1:] for info in infos}
            sql_execute= db_sql_execute.query.with_entities(db_sql_execute.date,
                                                            db_sql_execute.time,
                                                            db_sql_execute.host,
                                                             db_sql_execute.port,
                                                             db_sql_execute.databa
                                                             db_sql_execute.sql_ur
                                                             db_sql_execute.sql_mo
                                                             db_sql_execute.descri
                                                            db_sql_execute.dingid)
            if sql_execute:
                publish_info['sql_execute'] = sql_execute[0]
                publish_info['user_info'] = users[sql_execute[0][-1]]
    except Exception as e:
        logging.error(e)
    return render_template('sql_execute_details.html', publish_info=publish_info)
```

Example 12

Project: *roger-api* Author: *rogertalk* File: *admin.py* MIT License 6 vo

```
def get_content_review():
    if request.host == 'api.rogertalk.com':
        return redirect('https://api.reaction.cam/admin/content/review/')
    cursor = datastore_query.Cursor(urlsafe=request.args.get('cursor'))
    q = models.Content.query()
    q = q.filter(models.Content.tags == 'reaction')
    q = q.order(-models.Content.created)
    content_list, next_cursor, more = q.fetch_page(1000, start_cursor=cursor)
    account_map = {a.key: a for a in ndb.get_multi({c.creator for c in content_lis
    review_map = collections.OrderedDict()
    for content in content_list:
        creator = account_map[content.creator]
        if creator.key not in review_map:
            review_map[creator.key] = {
                'creator': account_map[creator.key],
                'content': [],
```

```
            }
        review_map[creator.key]['content'].append(content)
    return render_template('admin_content_review.html',
        cursor=next_cursor.urlsafe() if more else '',
        review_list=review_map.values())
```

Example 13

Project: *k8s-redirectory* Author: *kumina* File: *runnable_service.py* BSD 3-Clause "New" or "Revised" License 6 vo

```
def _run_production(self, is_worker: bool = False):
        DatabaseManager().create_db_tables()

        service_options = {
            "bind": f"{self.host}:{self.port}",
            "loglevel": "critical",
            "worker_class": "gthread",
            "threads": 2 if is_worker else 10
        }

        Logger() \
            .event(category="runnable", action="run production",) \
            .server(ip=self.host, port=self.port) \
            .out(severity=Severity.INFO)

        # Run application
        GunicornServer(self.application, service_options).run()
```

Example 14

Project: *pipa-pay-server* Author: *davidvon* File: *views.py* Apache License 2.0 6 vo

```
def native_callback():
    raw_str = str(request.data)
    logger.info('[WEIXIN] native callback Request: %s' % unicode(raw_str))
    # params = xml_to_dict(raw_str)
    # service_id = params["service_id"]
    # firm_service = Service.query.filter_by(id=service_id).first()
    # if not firm_service:
    # return '<xml>' \
    #            '<return_code><![CDATA[FAIL]]></return_code>' \
    #            '<return_msg><![CDATA[Service not exist]]></return_msg>' \
    #            '</xml>'
    # parameter = {
    #     'body': firm_service.title,
    #     'out_trade_no': str(int(time.time())),
    #     'spbill_create_ip': request.remote_addr,
    #     'total_fee': str(int(firm_service.now_price * 100)),  # unit is fen chec
    #     'notify_url': 'http://%s/wxpay/authorize/notify' % request.host,
    #     'openid': params['openid']
    # }
    # return build_static_qrcode_form(parameter)
    pass
```

Example 15

Project: *pipa-pay-server* Author: *davidvon* File: *views.py* Apache License 2.0 6 vo

```
def dynamic_qrcode_create():
    # if not request.args.get("service_id"):
    # return 'error: service_id not exist'
    # service_id = request.args["service_id"]
    # open_id = request.args["uid"]
    # firm_service = Service.query.filter_by(id=service_id).first()
    # if not firm_service:
    #     return 'error: service[%s] not exist' % service_id
    # parameter = {
    #     'body': firm_service.title,
    #     'out_trade_no': str(int(time.time())),
    #     'spbill_create_ip': request.remote_addr,
    #     'total_fee': str(int(firm_service.now_price * 100)),  # unit is fen chec
    #     'notify_url': 'http://%s/wxpay/authorize/notify' % request.host,
    #     'openid': open_id
    # }
    # return build_dynamic_qrcode_form(parameter)
    pass
```

Example 16

Project: *plataforma-livre-dados-abertos* Author: *pbaesse* File: *csrf.py* GNU General Public License v3.0 6 vo

```
def protect(self):
        if request.method not in current_app.config['WTF_CSRF_METHODS']:
            return

        try:
            validate_csrf(self._get_csrf_token())
        except ValidationError as e:
            logger.info(e.args[0])
            self._error_response(e.args[0])

        if request.is_secure and current_app.config['WTF_CSRF_SSL_STRICT']:
            if not request.referrer:
                self._error_response('The referrer header is missing.')

            good_referrer = 'https://{0}/'.format(request.host)

            if not same_origin(request.referrer, good_referrer):
                self._error_response('The referrer does not match the host.')

        g.csrf_valid = True  # mark this request as CSRF valid
```

Example 17

Project: *istvproxy* Author: *hauxir* File: *istvproxy.py* MIT License 6 vo

```
def video_playlist(sourceslug):
        host = args.host or request.host
        protocol = "https" if request.url.startswith('https://') else "http"
        protocol = request.headers.get("X-Forwarded-Proto", protocol) + "://"
        source = sources[sourceslug]
        url = request.args['url']
        channelslug = request.args['channel']
        req = requests.get(url, headers={'User-Agent': USER_AGENT})
        playlist = req.content
        playlist = source.preprocess_video_playlist(playlist, channelslug)
        playlist = playlist.replace('https://',
                                    protocol + host + '/proxy/' + sourceslug +
```

```
                                    '/' + channelslug + '/?url=https://')
        playlist = playlist.replace('http://',
                                    protocol + host + '/proxy/' + sourceslug +
                                    '/' + channelslug + '/?url=http://')
        return Response(playlist, content_type='application/vnd.apple.mpegURL')
```

Example 18

Project: *webapp* Author: *superchilli* File: *csrf.py* MIT License 6 vo

```
def protect(self):
        if request.method not in current_app.config['WTF_CSRF_METHODS']:
            return

        try:
            validate_csrf(self._get_csrf_token())
        except ValidationError as e:
            logger.info(e.args[0])
            self._error_response(e.args[0])

        if request.is_secure and current_app.config['WTF_CSRF_SSL_STRICT']:
            if not request.referrer:
                self._error_response('The referrer header is missing.')

            good_referrer = 'https://{0}/'.format(request.host)

            if not same_origin(request.referrer, good_referrer):
                self._error_response('The referrer does not match the host.')

        g.csrf_valid = True  # mark this request as CSRF valid
```

Example 19

Project: *nanobox-adapter-libcloud* Author: *nanobox-io* File: *vultr.py* MIT License 6 vo

```
def __init__(self, **kwargs):
        self.generic_credentials = {
            'key': os.getenv('VULTR_API_KEY', '')
        }

        for host in [request.host, os.getenv('APP_NAME', '') + '.nanoapp.io']:
            try:
                ip = socket.gethostbyname(host) or None
            except socket.gaierror:
                ip = None

            if ip:
                break

        self.auth_instructions += (' (If you need to be more specific about '
            'the access controls, you can use %s/32, but keep in mind that '
            'this address may change at any point in the future, and you will '
            'need to update your Vultr account accordingly to continue '
            'deploying.)') % (ip) if ip else ''

    # Internal overrides for provider retrieval
```

Example 20

Project: *flask-echo-server* Author: *whwright* File: *echo.py* MIT License 6 vo

```
def main():
    parser = OptionParser()
    parser.add_option('--port', dest='port', default=5000, help='port to run serve
    parser.add_option('--host', dest='host', default='127.0.0.1', help='host to l
    parser.add_option('--auth', dest='auth', help='basic authentication credential
    parser.add_option('-v', '--verbose', dest='verbose',
        default=False, action='store_true', help='increased verbosity - outputs re
    parser.add_option('--debug', dest='debug',
        default=False, action='store_true', help='enable debug mode in flask')

    (options, args) = parser.parse_args()

    config[VERBOSE] = options.verbose

    if options.auth:
        username, password = options.auth.split(':')
        if username is None or password is None:
            parser.error('Invalid auth credentials {0}'.format(options.auth))

        config[BASIC_AUTH] = True
        config[AUTH_USERNAME] = username
        config[AUTH_PASSWORD] = password

    app.debug = options.debug
    app.run(port=int(options.port), host=options.host)
```

Example 21

Project: *Flask-Kaccel* Author: *bapakode* File: *__init__.py* MIT License 5 vo

```
def init_app(self, app):
                config_host             = app.config.get('KACCEL_HOST')
                config_path     = app.config.get('KACCEL_BASE_PATH')
                config_buffer   = app.config.get('KACCEL_BUFFER')
                config_charset  = app.config.get('KACCEL_CHARSET')
                config_expires  = app.config.get('KACCEL_CACHE_EXPIRES')
                config_limit    = app.config.get('KACCEL_LIMIT_RATE')

                if config_host:
                        self.host = config_host
                else:
                        self.host = request.host

                if config_path:
                        self.redirect_path = config_path
                else:
                        self.redirect_path = "/files/%s"

                if config_buffer:
                        self.buffering = 'yes'
                else:
                        self.buffering = 'no'

                if config_charset:
                        self.charset = config_charset
                else:
                        self.charset = "utf-8"

                if config_expires:
                        self.cache_expires = config_expires
                else:
                        self.cache_expires = 'off'
```

```
                if config_limit:
                        self.limit_rate = config_limit
                else:
                        self.limit_rate = 'off'
```

Example 22

Project: *Flask-Kaccel* Author: *bapakode* File: *__init__.py* MIT License 5 vo

```
def send_file(self, file, redirect="/files/%s", buffering='yes', charset='utf-8',
                ''' send file from directory using custom configuration.

                :param file: fullpath.
                :param redirect: redirect path, default= "/files/%s"
                :param buffering: sets the proxy buffering for this connection, va
                :param charset: sets the charset of the file, default= "utf-8"
                :param expires: sets when to expire the file in the internal NGINX
                :param limit: sets the rate limit for this single request. off mea
                :return: return Request() object if success and False if failed.
                '''
                try:
                        if self.host == request.host:
                                return "Error: direct access is forbidden"

                        content_length  = self.filesize(file)
                        content_type    = self.mimetype(file)
                        filename                = self.filename(file)

                        if not content_length or not content_type or not filename:
                                return False

                        resp = Response()
                        resp.headers['Content-Length']          = content_length
                        resp.headers['Content-Type']            = content_type
                        resp.headers['Content-Disposition'] = "attachment; filenam
                        resp.headers['X-Accel-Redirect']        = redirect % (str(
                        resp.headers['X-Accel-Buffering']       = buffering
                        resp.headers['X-Accel-Charset']         = charset
                        resp.headers['X-Accel-Expires']         = expires
                        resp.headers['X-Accel-Limit-Rate']      = limit
                        return resp

                except:
                        return False
```

Example 23

Project: *virtual_warehouse_api* Author: *includeamin* File: *app.py* MIT License 5 vo

```
def test():
    a = requests.get('https://chichiapp.ir:3000/test', verify=False, headers={"Hos
    import logging
    logging.warning(a)
    return str(a)
```

Example 24

Project: *platform* Author: *syncloud* File: *flask_decorators.py* GNU General Public License v3.0 5 vo

```
def redirect_if_not_activated(f):
    platform_user_config = get_injector().user_platform_config

    def new_func(*args, **kwargs):
        resp = make_response(f(*args, **kwargs))
        if not platform_user_config.is_activated():
            return redirect('http://{0}:81'.format(request.host))
        else:
            return resp

    return update_wrapper(new_func, f)
```

Example 25

Project: *qis* Author: *quru* File: *flask_util.py* GNU Affero General Public License v3.0 5 vo

```
def external_url_for(endpoint, **kwargs):
    """
    Extended version of Flask's url_for function.
    Returns the external URL for the requested end point,
    applying the setting PUBLIC_HOST_NAME if it is defined.

    Note that as at Flask 0.10.1, Flask's SERVER_NAME setting should remain
    set to None to avoid changing the routing behaviour:
    https://github.com/mitsuhiko/flask/issues/998
    """
    scheme = current_app.config['PREFERRED_URL_SCHEME'] or 'http'
    if current_app.config['PUBLIC_HOST_NAME']:
        host = current_app.config['PUBLIC_HOST_NAME']
        approot = current_app.config['APPLICATION_ROOT'] or '/'
        url = scheme + '://' + host + approot
        if url.endswith('/'):
            url = url[0:-1]
        # Return custom front end URL with Flask back end
        return unescape_url_path_seps(
            url + url_for(endpoint, **kwargs)
        )
    else:
        # Let Flask do it all
        return unescape_url_path_seps(
            url_for(endpoint, _external=True, _scheme=scheme, **kwargs)
        )
```

Example 26

Project: *qis* Author: *quru* File: *flask_util.py* GNU Affero General Public License v3.0 5 vo

```
def get_port(request):
    """
    Returns the port number in use on a Flask/Werkzeug request object.
    """
    sep_idx = request.host.find(':')
    if sep_idx == -1:
        return 443 if request.is_secure else 80
    else:
        return parse_int(request.host[sep_idx + 1:])
```

Example 27

Project: *ppapi* Author: *PPAPI* File: *ppapi_server.py* MIT License 5 vo

```
def before_request():
    global hostname, master_ip, master_port, run_ids, c_type
    hostname = request.host
    run_ids = []
    try:
        min_run_id = int(request.form.get('min_run_id'))
        max_run_id = int(request.form.get('max_run_id'))
        for run_id in range(min_run_id, max_run_id + 1):
            run_ids.append(run_id)
    except:
        pass

    master = request.form.get('master')
    if master is not None:
        if ":" in master:
            (master_ip, master_port) = master.split(":")
        else:
            master_ip = master
    c_type = request.form.get('type')

####################
# Resource End Points
####################

##
# System Memory
```

Example 28

Project: *booklab* Author: *scampion* File: *app.py* GNU Affero General Public License v3.0 5 vo

```
def index():
    rc.hset("conf", 'host', request.host)
    nbofrunners = len([r for r in rc.smembers("runners") if rc.exists("heartbeat:'
    username = oauth.gitlab.get('user').json()['username']
    return render_template("index.html", username=username, nbofrunners=nbofrunner
```

Example 29

Project: *booklab* Author: *scampion* File: *app.py* GNU Affero General Public License v3.0 5 vo

```
def build():
    username = oauth.gitlab.get('user').json()['username']
    branch = request.args.get('branch')
    id = request.args.get('id')
    path = oauth.gitlab.get('projects/%s' % id).json()['path_with_namespace']

    rc.hset("status", "%s:%s:%s" % (path, branch, username), "todo")
    token = token_hex(16)
    rc.setex("token:%s:%s:%s" % (path, branch, username), token, 60 * 60 * 24)
    setup_ssh(id, path, branch, username)

    nburl = "http://%s" % hashlib.sha1((path + branch + username).encode('utf8')).
    nburl += "." + request.host
    nburl += "/tree/?token=%s" % token
    return render_template("deploy.html", path=path, branch=branch, nburl=nburl)
```

Example 30

Project: *booklab* Author: *scampion* File: *app.py* GNU Affero General Public License v3.0 5 vo

```
def deploy():
    username = oauth.gitlab.get('user').json()['username']
    id = request.args.get('id')
    path = request.args.get('path')
    branch = request.args.get('branch')

    rc.hset("status", "%s:%s:%s" % (path, branch, username), "todo")
    token = token_hex(16)
    rc.setex("token:%s:%s:%s" % (path, branch, username), token, 60 * 60 * 24)
    setup_ssh(id, path, branch, username)

    nburl = "http://%s" % hashlib.sha1((path + branch + username).encode('utf8')).
    nburl += "." + request.host
    nburl += "/tree/?token=%s" % token
    return render_template("deploy.html", path=path, branch=branch, nburl=nburl)
```

Example 31

Project: *yabeda* Author: *flix-tech* File: *__main__.py* MIT License 5 vo

```
def index():
    return 'Check {} or {} for usage'.format(
        'https://' + request.host + '/apidocs/',
        'https://github.com/flix-tech/yabeda',
    )
```

Example 32

Project: *xunfeng* Author: *ysrc* File: *AntiCSRF.py* GNU General Public License v3.0 5 vo

```
def anticsrf(f):
    @wraps(f)
    def wrapper(*args, **kwargs):
        try:
            if request.referrer and request.referrer.replace('http://', '').split(
                return f(*args, **kwargs)
            else:
                return redirect(url_for('NotFound'))
        except Exception, e:
            print e
            return redirect(url_for('Error'))
```

Example 33

Project: *cloudstack-ec2stack* Author: *apache* File: *helpers.py* Apache License 2.0 5 vo

```
def generate_signature(data=None, method=None, host=None, path=None):
    """
    Generates a signature.

    @param data: Data of the request.
    @param method: HTTP method used.
    @param host: HTTP post.
    @param path: HTTP hort.
    @return: A signature.
    """
    if data is None:
        data = request.form

    signature_type = get('SignatureMethod', data)
```

```
    secretkey = get_secretkey(data)
    request_string = _get_request_string(data, method, host, path)

    if signature_type == 'HmacSHA1':
        digestmod = hashlib.sha1
    else:
        digestmod = hashlib.sha256

    signature = hmac.new(
        key=secretkey,
        msg=bytes(request_string),
        digestmod=digestmod
    ).digest()

    signature = b64encode(signature)

    return signature
```

Example 34

Project: *isthislegit* Author: *duo-labs* File: *views.py* BSD 3-Clause "New" or "Revised" License 5 vo

```
def logout():
    '''
    Manually override the logout URL to avoid completely signing the user
    out of all Google accounts
    '''
    if os.getenv('SERVER_SOFTWARE', '').startswith('Google App Engine/'):
        return redirect('_ah/logout?continue=https://' + request.host + '/')
    return redirect(users.create_logout_url('/'))
```

Example 35

Project: *mockdog* Author: *KyleJamesWalker* File: *mocktrace.py* MIT License 5 vo

```
def catch_all(path):
    print(
        request.host,
        request.path,
        re.sub(r"\.+", " ", ''.join(
                [str(chr(x)) if 31 < x < 127 else '.' for x in request.data]
            )),
    )
    return "", 200
```

Example 36

Project: *fame* Author: *certsocietegenerale* File: *views.py* GNU General Public License v3.0 5 vo

```
def prepare_auth_request(request):
    url_data = urlparse(request.url)
    return {
        "https": 'on',
        'http_host': request.host,
        'server_port': url_data.port,
        'script_name': request.path,
        'get_data': request.args.copy(),
        'post_data': request.form.copy(),
        # Uncomment if using ADFS as IdP, https://github.com/onelogin/python-saml/
```

```
        # 'lowercase_urlencoding': True,
        'query_string': request.query_string
    }
```

Example 37

Project: *flask-apihmac* Author: *yoncan* File: *flask_apihmac.py* MIT License 5 vo

```
def _split_request_info(self):
        """
            split request info
        """
        self.requestMethod = request.method
        self.requestPath = request.path
        self.requestHost = request.host

        if self.requestMethod == 'POST':
            self.request_data = request.form
        elif self.requestMethod == 'GET':
            self.request_data = request.args
        else:
            # not operation
            return False
```

Example 38

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 5 vo

```
def _tornado_handler(self):
        from tornado.web import RequestHandler, StaticFileHandler

        interface = self

        class DocHandler(RequestHandler):
            def get(self, *args, **kwargs):
                return self.write(interface.doc_html)

        class EditorHandler(RequestHandler):
            def get(self, *args, **kwargs):
                return self.write(interface.editor_html)

        class ConfigHandler(RequestHandler):
            def get(self, *args, **kwargs):
                return self.write(interface.get_config(self.request.host))

        handlers = [
            (self._uri(), DocHandler),
            (self._uri('/swagger.json'), ConfigHandler),
            (self._uri('/(.+)'), StaticFileHandler, {'path': self.static_dir}),
        ]

        if self._editor:
            handlers.insert(1, (self._uri('/editor'), EditorHandler))

        self._app.add_handlers('.*', handlers)
```

Example 39

Project: *swagger-ui-py* Author: *PWZER* File: *core.py* Apache License 2.0 5 vo

```
def _falcon_handler(self):
        import json

        class SwaggerDocHandler:
            def __init__(self, interface):
                self._doc_html = interface.doc_html

            def on_get(self, req, resp):
                resp.content_type = 'text/html'
                resp.body = self._doc_html

        class SwaggerEditorHandler:
            def __init__(self, interface):
                self._editor_html = interface.editor_html

            def on_get(self, req, resp):
                resp.content_type = 'text/html'
                resp.body = self._editor_html

        class SwaggerConfigHandler:
            def __init__(self, interface):
                self._interface = interface

            def on_get(self, req, resp):
                resp.content_type = 'application/json'
                resp.body = json.dumps(self._interface.get_config(f'{req.host}:{r

        self._app.add_route(self._uri(), SwaggerDocHandler(self))

        if self._editor:
            self._app.add_route(self._uri('/editor'), SwaggerEditorHandler(self))

        self._app.add_route(self._uri('/swagger.json'), SwaggerConfigHandler(self)
        self._app.add_static_route(prefix=self._uri('/'), directory='{}/'.format(s
```

Example 40

Project: *yeti* Author: *yeti-platform* File: *views.py* Apache License 2.0 5 vo

```
def prepare_auth_request(request):
    url_data = urlparse(request.url)
    return {
        "https": 'on',
        'http_host': request.host,
        'server_port': url_data.port,
        'script_name': request.path,
        'get_data': request.args.copy(),
        'post_data': request.form.copy(),
        # Uncomment if using ADFS as IdP, https://github.com/onelogin/python-saml/
        # 'lowercase_urlencoding': True,
        'query_string': request.query_string
    }
```

Example 41

Project: *imgfab* Author: *sylvinus* File: *app.py* MIT License 5 vo

```
def main():
    if "instamuseum.com" in request.host:
        return render_template('instamuseum/index.html')
```

```
    else:
        return render_template('imgfab/index.html')
```

Example 42

Project: *InfraBox* Author: *SAP* File: *saml.py* Apache License 2.0 5 vo

```
def init_saml_auth():
    parsed_url = urlparse(request.url)
    request_data = {
        "https": "on" if request.scheme == "https" else "off",
        "http_host": request.host,
        "server_port": parsed_url.port,
        "script_name": request.path,
        "get_data": request.args.copy(),
        "post_data": request.form.copy(),
        "query_string": request.query_string
        }

    auth = OneLogin_Saml2_Auth(request_data, custom_base_path=get_env("INFRABOX_AC
    return auth
```

Example 43

Project: *sparrow* Author: *wylok* File: *work_order.py* GNU General Public License v3.0 5 vo

```
def work_application_details(work_number=None):
    publish_info = defaultdict()
    try:
        db_sso = db_op.user_sso
        db_publish_application = db_op.publish_application
        db_sql_execute = db_op.sql_execute
        if work_number:
            infos = db_sso.query.with_entities(db_sso.dingunionid, db_sso.realName
            users = {info[0]: info[1:] for info in infos}
            task_records = db_publish_application.query.with_entities(db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                                                                      db_publish_a
                db_publish_application.work_number==int(work_number)).all()
            if task_records:
                publish_info['task_records'] = task_records[0][:-1]
                sql_execute= db_sql_execute.query.with_entities(db_sql_execute.ho
                                                                db_sql_execute.pc
                                                                db_sql_execute.da
                                                                db_sql_execute.sq
                                                                db_sql_execute.sq
                                                                db_sql_execute.de
                    db_sql_execute.work_number==int(work_number)).all()
                if sql_execute:
                    publish_info['sql_execute'] = sql_execute[0]
                publish_info['reviewer'] = None
                publish_info['user_info'] = users[task_records[0][-1]]
    except Exception as e:
        logging.error(e)
    return render_template('work_application_details.html', publish_info = publish
```

Example 44

Project: *roger-api* Author: *rogertalk* File: *admin.py* MIT License 5 vo

```
def get_content_search():
    if request.host == 'api.rogertalk.com':
        return redirect('https://api.reaction.cam/admin/content/search')
    return render_template('admin_content_search.html')
```

Example 45

Project: *xunfeng* Author: *caterqiu* File: *AntiCSRF.py* GNU General Public License v3.0 5 vo

```
def anticsrf(f):
    @wraps(f)
    def wrapper(*args, **kwargs):
        try:
            if request.referrer and request.referrer.replace('http://', '').split(
                return f(*args, **kwargs)
            else:
                return redirect(url_for('NotFound'))
        except Exception, e:
            print e
            return redirect(url_for('Error'))
```

Example 46

Project: *oy-cms* Author: *mush42* File: *admin.py* MIT License 5 vo

```
def _gen_csv_file_name(form):
    form_updated = form.updated.isoformat().replace(":", "-")
    return "-".join((request.host, form.slug, form_updated)) + ".csv"
```

Example 47

Project: *anti-modlishka* Author: *CERT-Polska* File: *app.py* MIT License 5 vo

```
def before_request():
    if request.host != app.config['LEGITIMATE_HOST']:
        raise Forbidden('Non-legitimate hostname')
```

Example 48

Project: *web_develop* Author: *dongweiming* File: *app.py* GNU General Public License v3.0 5 vo

```
def index():
    if request.method == 'POST':
        uploaded_file = request.files['file']
        w = request.form.get('w')
        h = request.form.get('h')
        if not uploaded_file:
            return abort(400)

        rs = create(uploaded_file, width=w, height=h)
        if rs['r']:
            return rs['error']

        paste_file = rs['paste_file']
```

```
        return jsonify({
            'url_d': paste_file.url_d % request.host,
            'url_i': paste_file.url_i % request.host,
            'url_s': paste_file.url_s % request.host,
            'url_p': paste_file.url_p % request.host,
            'filename': paste_file.filename,
            'size': humanize_bytes(paste_file.size),
            'uploadtime': paste_file.uploadtime,
            'type': paste_file.type,
            'quoteurl': paste_file.quoteurl.replace('%25s', request.host)
        })

    return render_template('index.html', **locals())
```

Example 49

Project: *web_develop* Author: *dongweiming* File: *models.py* GNU General Public License v3.0 5 vo

```
def get_url(self, subtype, is_symlink=False):
        hash_or_link = self.symlink if is_symlink else self.filehash
        return 'http://{host}/{subtype}/{hash_or_link}'.format(
            subtype=subtype, host=request.host, hash_or_link=hash_or_link)
```

Example 50

Project: *web_develop* Author: *dongweiming* File: *models.py* GNU General Public License v3.0 5 vo

```
def get_url(self, subtype, is_symlink=False):
        hash_or_link = self.symlink if is_symlink else self.filehash
        return 'http://{host}/{subtype}/{hash_or_link}'.format(
            subtype=subtype, host=request.host, hash_or_link=hash_or_link)
```