

Python `flask.request.endpoint()` Examples

The following are code examples for showing how to use `flask.request.endpoint()`. 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: *flask-smorest* Author: *marshmallow-code* File: *etag.py* MIT License

6 vc

```
def _verify_check_etag(self):
    """Verify check_etag was called in resource code

    Log a warning if ETag is enabled but check_etag was not called in
    resource code in a PUT, PATCH or DELETE method.

    Raise CheckEtagNotCalledError when in debug or testing mode.

    This is called automatically. It is meant to warn the developer about
    an issue in his ETag management.
    """
    if request.method in self.METHODS_NEEDING_CHECK_ETAG:
        if not _get_etag_ctx().get('etag_checked'):
            message = (
                'ETag not checked in endpoint {} on {} request.'
                .format(request.endpoint, request.method))
            app = current_app
            app.logger.warning(message)
            if app.debug or app.testing:
                raise CheckEtagNotCalledError(message)
```

Example 2

Project: *cookiecutter-flask-restful* Author: *karec* File: *pagination.py* MIT License

6 vc

```
def paginate(query, schema):
    page = request.args.get('page', DEFAULT_PAGE_NUMBER)
    per_page = request.args.get('page_size', DEFAULT_PAGE_SIZE)
    page_obj = query.paginate(page=page, per_page=per_page)
    next = url_for(
        request.endpoint,
        page=page_obj.next_num if page_obj.has_next else page_obj.page,
        per_page=per_page,
        **request.view_args
    )
    prev = url_for(
        request.endpoint,
        page=page_obj.prev_num if page_obj.has_prev else page_obj.page,
        per_page=per_page,
        **request.view_args
    )
    return {
        'total': page_obj.total,
        'pages': page_obj.pages,
        'next': next,
        'prev': prev,
        'results': schema.dump(page_obj.items).data
    }
```

Example 3

Project: *Flask-HTMLmin* Author: *hamidfm* File: *__init__.py* BSD 3-Clause "New" or "Revised" License

6 vc

```
def response_minify(self, response):
    """
    minify response html to decrease traffic
    """

    if response.content_type == u'text/html; charset=utf-8':
        endpoint = request.endpoint or ''
        view_func = current_app.view_functions.get(endpoint, None)
        name = (
            '%s.%s' % (view_func.__module__, view_func.__name__)
            if view_func else ''
        )
        if name in self._exempt_routes:
            return response

        response.direct_passthrough = False
        response.set_data(
            self._html_minify.minify(response.get_data(as_text=True))
        )

        return response
    return response
```

Example 4

Project: *TurtleFaucet* Author: *krzuzic* File: *ratelimit.py* GNU General Public License v3.0

6 vc

```
def ratelimit(limit, per=300, send_x_headers=True,
              over_limit=on_over_limit,
              fp_func=lambda: request.form.get('fingerprint'),
              ip_func=lambda: request.environ['REMOTE_ADDR'],
              key_func=lambda: request.endpoint):
    def decorator(f):
        def rate_limited(*args, **kwargs):
            ip_key = 'ip-limit/%s/%s/' % (key_func(), ip_func())
            fp_key = 'fp-limit/%s/%s/' % (key_func(), fp_func())
            rlimit = RateLimit(ip_key, fp_key, limit, per, send_x_headers)
            g._view_rate_limit = rlimit

            # check if IP has been used LIMIT times
            if rlimit.over_ip_limit:
                return over_limit(rlimit)

            # IP is good, check fingerprint now
            if not rlimit.over_ip_limit:
                if rlimit.over_fp_limit:
                    return over_limit(rlimit)

            return f(*args, **kwargs)
        return update_wrapper(rate_limited, f)
    return decorator
```

Example 5

Project: *safrs* Author: *thomaxxl* File: *demo_full.py* MIT License

6 vc

```
def before_request():
    _insecure_views = [
        "do_login",
        "get_resource",
        "new_user",
        "get_auth_token",
        "get_user",
        "admin.login_view",
        "admin.index",
        "do_logout",
        "jsonapi_admin_static",
        "admin.static",
    ]
    _secured_views = ["api.Users"]

    if request.method == "OPTIONS":
        return

    # if request.endpoint api.Users

    # Cookie based authentication
    if login.current_user and login.current_user.is_authenticated:
        return

    print(request.endpoint)
```

Example 6

Project: *osm-wikidata* Author: *EdwardBetts* File: [view.py](#) GNU General Public License v3.0

6 vc

```
def account_settings_page():
    form = AccountSettingsForm()
    if request.method == 'GET':
        if g.user.single:
            form.single.data = g.user.single
        if g.user.multi:
            form.multi.data = g.user.multi
        if g.user.units:
            form.units.data = g.user.units

        form.wikipedia_tag.data = g.user.wikipedia_tag

    if form.validate_on_submit():
        form.populate_obj(g.user)
        database.session.commit()
        flash('Account settings saved.')
        return redirect(url_for(request.endpoint))
    return render_template('user/settings.html', form=form)
```

Example 7

Project: *prometheus_flask_exporter* Author: *rycus86* File: [server.py](#) MIT License

6 vc

```
def create_app():
    app = Flask(__name__)
    metrics.init_app(app)

    with app.app_context():
        setup_api(app)

        metrics.register_default(
```

```

        metrics.counter(
            'by_path_counter', 'Request count by request paths',
            labels={'path': lambda: request.path}
        )
    )

metrics.register_default(
    metrics.counter(
        'outside_context',
        'Example default registration outside the app context',
        labels={'endpoint': lambda: request.endpoint}
    ),
    app=app
)

return app

```

Example 8

Project: *prometheus_flask_exporter* Author: *rycus86* File: *__init__.py* MIT License

6 vc

```

def start_http_server(self, port, host='0.0.0.0', endpoint='/metrics'):
    """
    Start an HTTP server for exposing the metrics.
    This will be an individual Flask application,
    not the one registered with this class.

    :param port: the HTTP port to expose the metrics endpoint on
    :param host: the HTTP host to listen on (default: `0.0.0.0`)
    :param endpoint: the URL path to expose the endpoint on
                     (default: `/metrics`)
    """

    if is_running_from_reloader():
        return

    app = Flask('prometheus-flask-exporter-%d' % port)
    self.register_endpoint(endpoint, app)

    def run_app():
        app.run(host=host, port=port)

    thread = threading.Thread(target=run_app)
    thread.setDaemon(True)
    thread.start()

```

Example 9

Project: *FATE* Author: *FederatedAI* File: *job_utils.py* Apache License 2.0

6 vc

```

def job_server_routing(routing_type=0):
    def _out_wrapper(func):
        @functools.wraps(func)
        def _wrapper(*args, **kwargs):
            job_server = set()
            jobs = query_job(job_id=request.json.get('job_id', None))
            for job in jobs:
                if job.f_run_ip:
                    job_server.add(job.f_run_ip)
            if len(job_server) == 1:
                execute_host = job_server.pop()

```

```

        if execute_host != RuntimeConfig.JOB_SERVER_HOST:
            if routing_type == 0:
                return api_utils.request_execute_server(request=request, e
            else:
                return redirect('http://{}/{}'.format(execute_host, url_for
            return func(*args, **kwargs)
        return _wrapper
    return _out_wrapper

```

Example 10

Project: *yeti* Author: *yeti-platform* File: [webapp.py](#) [Apache License 2.0](#)

6 vc

```

def list_routes():
    import urllib
    output = []
    for rule in webapp.url_map.iter_rules():

        options = {}
        for arg in rule.arguments:
            options[arg] = "[{0}]".format(arg)

        methods = ','.join(rule.methods)
        url = url_for(rule.endpoint, **options)
        line = urllib.unquote(
            "{:50s} {:20s} {}".format(rule.endpoint, methods, url))
        output.append(line)

    for line in sorted(output):
        print line

    return "<br>".join(output)

```

Example 11

Project: *kael* Author: *360skyye* File: [monkey.py](#) [Apache License 2.0](#)

6 vc

```

def patch_validate_handler(name, bl=None):
    def params_validate_handler():
        if not request.endpoint \
            or not request.endpoint.startswith('{0}.'.format(name)) \
            or request.method == 'HEAD':
            return
        _, blueprint, endpoint = request.endpoint.split('.')
        mapping = get_mapping(blueprint, endpoint)
        if mapping:
            params = request.get_json()
            if validate(params, mapping, format_checker=formatchecker):
                raise ArgumentError('Json schema validate failed')

    if bl:
        bl.before_app_first_request(params_validate_handler)
    else:
        sys.modules['flask'].app.before_app_first_request(params_validate_handler)

    return params_validate_handler

```

Example 12

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

5 vc

```
def before_request():
    if current_user.is_authenticated:
        current_user.ping()
        if not current_user.confirmed \
            and request.endpoint[:5] != 'auth.' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))
```

Example 13

Project: *circleci-demo-python-flask* Author: *CircleCI-Public* File: [views.py](#) MIT License

5 vc

```
def before_request():
    if current_user.is_authenticated:
        current_user.ping()
        if not current_user.confirmed \
            and request.endpoint[:5] != 'auth.' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))
```

Example 14

Project: *calibre-web* Author: *janeczku* File: [web.py](#) GNU General Public License v3.0

5 vc

```
def before_request():
    g.user = current_user
    g.allow_registration = config.config_public_reg
    g.allow_anonymous = config.config_anonbrowse
    g.allow_upload = config.config_uploading
    g.current_theme = config.config_theme
    g.config_authors_max = config.config_authors_max
    g.public_shelves = ub.session.query(ub.Shelf).filter(ub.Shelf.is_public == 1).
    if not config.db_configured and request.endpoint not in ('admin.basic_configu
        return redirect(url_for('admin.basic_configuration'))
```

data provider functions

Example 15

Project: *calibre-web* Author: *janeczku* File: [jinjia.py](#) GNU General Public License v3.0

5 vc

```
def url_for_other_page(page):
    args = request.view_args.copy()
    args['page'] = page
    return url_for(request.endpoint, **args)
```

shortentitles to at longest nchar, shorten longer words if necessary

Example 16

Project: *PyOne* Author: *abbeyokgo* File: [base_view.py](#) Mozilla Public License 2.0

5 vc

```
def before_request():
    if request.endpoint.startswith('admin') and request.endpoint != 'admin.login' a
        return redirect(url_for('admin.login'))
```

#####web console

Example 17

Project: *PyOne* Author: *abbeyokgo* File: *views.py* Mozilla Public License 2.0

5 vc

```
def before_request():
    bad_ua=['Googlebot-Image','FeedDemon ','BOT/0.1 (BOT for JCE)','CrawlDaddy ','
    global referrer
    try:
        ip = request.headers['X-Forwarded-For'].split(',')[0]
    except:
        ip = request.remote_addr
    try:
        ua = request.headers.get('User-Agent')
    except:
        ua="null"
    if sum([i.lower() in ua.lower() for i in bad_ua])>0:
        return redirect('http://www.baidu.com')
    # print '{}: {}: {}'.format(request.endpoint,ip,ua)
    referrer=request.referrer if request.referrer is not None else 'no-referrer'
```

Example 18

Project: *PyOne* Author: *abbeyokgo* File: *views.py* Mozilla Public License 2.0

5 vc

```
def find(key_word):
    page=request.args.get('page',1,type=int)
    ajax=request.args.get('ajax','no')
    image_mode=request.args.get('image_mode')
    sortby=request.args.get('sortby')
    order=request.args.get('order')
    action=request.args.get('action','download')
    data,total=FetchData(path=key_word,page=page,per_page=50,sortby=sortby,order=c
    pagination=Pagination(query=None,page=page, per_page=50, total=total, items=Nc
    if ajax=='yes':
        retdata={}
        retdata['code']=0
        retdata['msg']="
        retdata['total']=total
        retdata['data']=[]
        for d in data:
            info={}
            if d['type']=='folder':
                info['name']='<a href="'+url_for('.index',path=d['path'])+'"'>'+d['
            else:
                info['name']='<a href="'+url_for('.index',path=d['path'],action='s
            info['type']=d['type']
            info['lastModtime']=d['lastModtime']
            info['size']=d['size']
            info['path']=d['path']
            info['id']=d['id']
            retdata['data'].append(info)
        return jsonify(retdata)
    resp=MakeResponse(render_template('theme/{}/find.html'.format(GetConfig('theme
        ,pagination=pagination
        ,items=data
        ,path='/'
        ,sortby=sortby
        ,order=order
        ,key_word=key_word
        ,cur_user='搜索: "{}"'.format(key_word)
        ,endpoint='.find'))
```

```
resp.set_cookie('image_mode',str(image_mode))
resp.set_cookie('sortby',str(sortby))
resp.set_cookie('order',str(order))
return resp
```

Example 19

Project: *Flashcards* Author: *KevDi* File: [views.py](#) MIT License

5 vc

```
def before_request():
    if current_user.is_authenticated:
        if not current_user.confirmed \
            and request.endpoint \
            and request.endpoint[:5] != 'auth.' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))
```

Example 20

Project: *dockerizeme* Author: *dockerizeme* File: [snippet.py](#) Apache License 2.0

5 vc

```
def add_resource(self, resource, *urls, **kwargs):
    super(Api, self).add_resource(resource, *urls, **kwargs)

    endpoint = kwargs.get('endpoint', resource.__name__.lower())
    self.endpoints[endpoint] = list()
    for url in urls:
        self.endpoints[endpoint].append(self.prefix + url)
```

Example 21

Project: *dockerizeme* Author: *dockerizeme* File: [snippet.py](#) Apache License 2.0

5 vc

```
def handle_exception(self, e):
    if(request.endpoint in self.endpoints.keys()):
        return super(Api, self).handle_error(e)
    else:
        return Flask.handle_exception(self.app, e)
```

Example 22

Project: *dockerizeme* Author: *dockerizeme* File: [snippet.py](#) Apache License 2.0

5 vc

```
def handle_user_exception(self, e):
    if(request.endpoint in self.endpoints.keys()):
        return super(Api, self).handle_error(e)
    else:
        return Flask.handle_user_exception(self.app, e)
```

Example 23

Project: *oadoi* Author: *ourresearch* File: [views.py](#) MIT License

5 vc

```
def repo_pulse_test_url(url):
    from endpoint import test_harvest_url
    response = test_harvest_url(url)
    results = {
        "check0_identify_status": response["harvest_identify_response"],
        "check1_query_status": response["harvest_test_recent_dates"],
```



```
        "sample_pmh_record": response["sample_pmh_record"]
    }
    return jsonify({"results": results})
```

Example 24

Project: [oadoi](#) Author: [ourresearch](#) File: [views.py](#) MIT License

5 vc

```
def debug_repo_endpoint_search(query_string):
    repos = repository.get_raw_repo_meta(query_string)
    endpoints = []
    for repo in repos:
        for endpoint in repo.endpoints:
            endpoints.append(endpoint)
    return jsonify({"results": [obj.to_dict() for obj in endpoints]})
```

Example 25

Project: [oadoi](#) Author: [ourresearch](#) File: [views.py](#) MIT License

5 vc

```
def get_endpoints_from_query_string(query_string):
    if "," in query_string:
        repo_ids = query_string.split(",")
    else:
        repo_ids = [query_string]
    repos = repository.get_repos_by_ids(repo_ids)
    endpoints = []
    for repo in repos:
        for endpoint in repo.endpoints:
            endpoints.append(endpoint)
    return endpoints
```

Example 26

Project: [oadoi](#) Author: [ourresearch](#) File: [views.py](#) MIT License

5 vc

```
def new_post_publications_endpoint():
    print_ip()
    pubs = get_multiple_pubs_response()
    if not pubs:
        abort_json(500, "something went wrong. please email support@unpaywall.org")
    return jsonify({"results": [p.to_dict_v1() for p in pubs]})
```

```
# this endpoint is undocumented for public use, and we don't really use it
# in production either.
# it's just for testing the POST biblio endpoint.
```

Example 27

Project: [oadoi](#) Author: [ourresearch](#) File: [views.py](#) MIT License

5 vc

```
def get_doi_endpoint(doi):
    # the GET api endpoint (returns json data)
    my_pub = get_pub_from_doi(doi)
    return jsonify({"results": [my_pub.to_dict_v1()]})
```

Example 28

Project: *oadoi* Author: *ourresearch* File: [views.py](#) MIT License

5 vc

```
def get_doi_endpoint_v2(doi):
    # the GET api endpoint (returns json data)
    my_pub = get_pub_from_doi(doi)
    return jsonify(my_pub.to_dict_v2())
```

Example 29

Project: *oadoi* Author: *ourresearch* File: [views.py](#) MIT License

5 vc

```
def restart_endpoint(api_key):
    print "in restart endpoint"
    if api_key != os.getenv("HEROKU_API_KEY"):
        print u"not allowed to reboot in restart_endpoint"
        return jsonify({
            "response": "not allowed to reboot, didn't send right heroku api key"
        })

    dyno_prefix = "run_page."
    restart_dynos("oadoi", dyno_prefix)

    return jsonify({
        "response": "restarted dynos: {}".format(dyno_prefix)
    })
```

Example 30

Project: *arch-security-tracker* Author: *archlinux* File: [blueprint.py](#) MIT License

5 vc

```
def url_for_page(page):
    args = request.view_args.copy()
    args['page'] = page
    return url_for(request.endpoint, **args)
```

Example 31

Project: *hawken-tracker* Author: *ashfire908* File: [helpers.py](#) MIT License

5 vc

```
def redirect_to(target):
    return redirect(url_for(target, next=request.endpoint))
```

Example 32

Project: *hawken-tracker* Author: *ashfire908* File: [helpers.py](#) MIT License

5 vc

```
def to_next(default="leaderboard.index"):
    next = request.args.get("next", default)
    if next == request.endpoint or next == "":
        return redirect(url_for(default))
    return redirect(url_for(next))
```

Example 33

Project: *learning_python* Author: *lx0928* File: [views.py](#) MIT License

5 vc

```
def before_request():
    if current_user.is_authenticated \
```

```

        and not current_user.confirmed \
        and request.endpoint[:5] != 'auth.' \
        and request.endpoint != 'static':
    return redirect(url_for('auth.unconfirmed'))

```

Example 34

Project: *learning_python* Author: *lxl0928* File: *views.py* MIT License

5 vc

```

def before_request():
    if current_user.is_authenticated \
        and not current_user.confirmed \
        and request.endpoint[:5] != 'auth.' \
        and request.endpoint != 'static':
    return redirect(url_for('auth.unconfirmed'))

```

Example 35

Project: *fancley* Author: *guerbai* File: *auth.py* MIT License

5 vc

```

def before_request():
    if current_user.is_authenticated\
        and not current_user.confirmed \
        and request.endpoint[:5] != 'auth.' \
        and request.endpoint != 'static':
    return redirect(url_for('auth.unconfirmed'))

```

Example 36

Project: *noobotkit* Author: *nazroll* File: *fields.py* MIT License

5 vc

```

def __init__(self, endpoint=None, absolute=False, scheme=None):
    super(Url, self).init()
    self.endpoint = endpoint
    self.absolute = absolute
    self.scheme = scheme

```

Example 37

Project: *noobotkit* Author: *nazroll* File: *fields.py* MIT License

5 vc

```

def output(self, key, obj):
    try:
        data = to_marshallable_type(obj)
        endpoint = self.endpoint if self.endpoint is not None else request.e
        o = urlparse(url_for(endpoint, _external=self.absolute, **data))
        if self.absolute:
            scheme = self.scheme if self.scheme is not None else o.scheme
            return urlunparse((scheme, o.netloc, o.path, "", "", ""))
        return urlunparse((" ", "", o.path, "", "", ""))
    except TypeError as te:
        raise MarshallingException(te)

```

Example 38

Project: *westsac-farm-stand* Author: *codeforamerica* File: *views.py* MIT License

5 vc

```

def before_request():
    if current_user.is_authenticated():

```

```

current_user.ping()
if current_user.is_authenticated() and not current_user.confirmed and requ
    return redirect(url_for('auth.unconfirmed'))

```

Example 39

Project: *xuemc* Author: *skycucumber* File: *fields.py* GNU General Public License v2.0

5 vc

```

def __init__(self, endpoint=None, absolute=False, scheme=None):
    super(Url, self).__init__()
    self.endpoint = endpoint
    self.absolute = absolute
    self.scheme = scheme

```

Example 40

Project: *xuemc* Author: *skycucumber* File: *fields.py* GNU General Public License v2.0

5 vc

```

def output(self, key, obj):
    try:
        data = to_marshallable_type(obj)
        endpoint = self.endpoint if self.endpoint is not None else request.e
        o = urlparse(url_for(endpoint, _external=self.absolute, **data))
        if self.absolute:
            scheme = self.scheme if self.scheme is not None else o.scheme
            return urlunparse((scheme, o.netloc, o.path, "", "", ""))
        return urlunparse((" ", "", o.path, "", "", ""))
    except TypeError as te:
        raise MarshallingException(te)

```

Example 41

Project: *chihu* Author: *yelongyu* File: *views.py* GNU General Public License v3.0

5 vc

```

def before_request():
    if current_user.is_authenticated:
        current_user.ping() # 更新用户的上次登录时间
        if not current_user.confirmed \
            and request.endpoint[:5] != 'auth.' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))

```

未确认邮箱用户

Example 42

Project: *restangulask* Author: *pdonorio* File: *basemodel.py* MIT License

5 vc

```

def sort_url(self, col_key, reverse=False):
    if reverse:
        direction = 'desc'
    else:
        direction = 'asc'
    return url_for(request.endpoint, sort=col_key, direction=direction)

```

Example 43

Project: *extrapyi* Author: *karec* File: *login.py* MIT License

5 vc

```
def unauthorized():
    if request.blueprint == 'dashboard':
        return redirect(url_for('dashboard.login', next=request.endpoint))
    abort(401)
```

Example 44

Project: *flask-restly* Author: *gorzechowski* File: *_rate.py* MIT License

5 vc

```
def default_key_resolver(group, _):
    if group is None:
        group = request.endpoint

    headers = request.headers.getlist('X-Forwarded-For')
    if headers:
        ip = headers[0]
    else:
        ip = request.remote_addr

    return " ".join([ip, group])
```

Example 45

Project: *sqlalchemy-flux-serializer* Author: *alexkuz* File: *flask_metadata_provider.py* MIT License

5 vc

```
def get_metadata(next_model_id):
    if not next_model_id:
        return None

    url_args = {}
    url_args.update(request.view_args)
    url_args.update(request.args)
    url_args['after'] = next_model_id

    next_url = url_for(request.endpoint, **url_args)

    return {
        'next': next_url
    }
```

Example 46

Project: *helix-sandbox* Author: *helix-iot* File: *run.py* GNU Affero General Public License v3.0

5 vc

```
def before_request():
    admin_created = User.query.filter_by(is_admin=True).first()
    if not admin_created and request.endpoint != 'auth.admin_setup' and request.endpoint != 'auth.admin_setup':
        return redirect(url_for('auth.admin_setup'))
```

Example 47

Project: *steemrocks* Author: *emre* File: *app.py* MIT License

5 vc

```
def url_for_other_page(page):
    args = request.view_args.copy()
    args['page'] = page
    return url_for(request.endpoint, **args)
```

Example 48

```
def get_referrer_url():
    """获取上一页地址"""
    if request.referrer and request.referrer.startswith(request.host_url) and request.referrer != request.host_url:
        url = request.referrer
    else:
        url = None
    return url
```

Example 49

```
def get_redirect_url(endpoint="front.index"):
    """获取重定向地址
    NextUrl: 引导重定向下一步地址
    returnUrl: 最终重定向地址
    以上两个不存在时, 如果定义了非默认endpoint, 则首先返回; 否则返回referrer地址, 不存在时返回""
    """
    url = request.args.get('NextUrl') or request.args.get('ReturnUrl')
    if not url:
        if endpoint != "front.index":
            url = url_for(endpoint)
        else:
            url = get_referrer_url() or url_for(endpoint)
    return url
```

Example 50

```
def before_request():
    if current_user.is_authenticated():
        current_user.ping()
        if not current_user.confirmed \
            and request.endpoint[:5] != 'auth.' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))
```