

Python flask.request.blueprint() Examples

The following are code examples for showing how to use `flask.request.blueprint()`. 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: [age-of-empires-ii-api](#) Author: [aalises](#) File: [unit.py](#) BSD 3-Clause "New" or "Revised" License 6 votes

```
def json(self):
    unit = [('id', self.id), ('name', self.name),
            ('description', self.description),
            ('expansion', self.expansion),
            ('age', self.age),
            ('created_in',
             '{}structure/{}'.format(request.url_root + request.blueprint,
                                     self.format_name_to_query(self.structure.first()
                                                                if self.structure.first()
                                                                else self.created_in)),
            ('cost', json.loads(self.cost.replace(";", " "))),
            ('build_time', self.build_time),
            ('reload_time', self.reload_time),
            ('attack_delay', self.attack_delay),
            ('movement_rate', self.movement_rate),
            ('line_of_sight', self.line_of_sight),
            ('hit_points', self.hit_points),
            ('range', int(self.range) if self.range.isdigit() else self.range),
            ('attack', self.attack), ('armor', self.armor),
            ('attack_bonus', self.attack_bonus.split(";") if self.attack_bonus
            else self.attack_bonus),
            ('armor_bonus', self.armor_bonus.split(";") if self.armor_bonus
            else self.armor_bonus),
            ('search_radius', self.search_radius),
            ('accuracy', self.accuracy),
            ('blast_radius', self.blast_radius)]
    return OrderedDict([(k, v) for k, v in unit if v])
```

Example 2

Project: [age-of-empires-II-api](#) Author: [aalises](#) File: [civilization.py](#) BSD 3-Clause "New" or "Revised" License

```
def json(self):
    civilization = [('id', self.id),
                    ('name', self.name),
                    ('expansion', self.expansion),
                    ('army_type', self.army_type),
                    ('unique_unit', self.parse_array_field(self.unique_unit)
                     if not self.unit.first()
                     else ['{}unit/{}'.format(request.url_root + request.blueprint,
                                                self.format_name_to_query(self.unit.first().name))]),
                    ('unique_tech', self.parse_array_field(self.unique_tech)
                     if not self.technology.first()
                     else ['{}technology/{}'.format(request.url_root + request.blueprint,
                                                       self.format_name_to_query(self.technology.first().name))]),
                    ('team_bonus', self.team_bonus),
                    ('civilization_bonus', self.civilization_bonus.split(";"))]

    return OrderedDict(civilization)
```

Example 3

Project: *age-of-empires-II-api* Author: *aalises* File: *technology.py* BSD 3-Clause "New" or "Revised" License

6 vc

```
def map_to_resource_url(self):
    out = []
    for item in self.applies_to.split(';'):
        unit = get_model('units').query.filter_by(name=item).first()
        structure = get_model('structures').query.filter_by(name=item).first()
        civilization = get_model('civilizations').query.filter_by(name=item).first()

        if unit:
            out.append('{}unit/{}'.format(request.url_root + request.blueprint, item))
        elif structure:
            out.append('{}structure/{}'.format(request.url_root + request.blueprint, item))
        elif civilization:
            out.append('{}civilization/{}'.format(request.url_root + request.blueprint, item))
        else:
            out.append(item)
    return out
```

Example 4

Project: *flask-arrested* Author: *mikeywaites* File: *endpoint.py* MIT License

6 vc

```
def dispatch_request(self, *args, **kwargs):
    """Dispatch the incoming HTTP request to the appropriate handler.
    """
    self.args = args
    self.kwargs = kwargs
    self.meth = request.method.lower()
    self.resource = current_app.blueprints.get(request.blueprint, None)

    if not any([self.meth in self.methods, self.meth.upper() in self.methods]):
        return self.return_error(405)

    self.process_before_request_hooks()

    resp = super(Endpoint, self).dispatch_request(*args, **kwargs)
    resp = self.make_response(resp)

    resp = self.process_after_request_hooks(resp)

    return resp
```

Example 5

Project: *flask-prism* Author: *patrickmccallum* File: *flask_prism.py* MIT License

6 vc

```
def get_representation_builder(self, object, soft_fail=False):
    # Get class name of object
    class_name = object.__class__.__name__

    # Determine if a blueprint is being used
    if request.blueprint != None:
        # Get BP from current app
        bp = current_app.blueprints[request.blueprint]

        # Get prism_version from BP if applicable
        version = getattr(bp, Refract.PRISM_VERSION_ATTRIBUTE) \
```

```

        if hasattr(bp, Refract.PRISM_VERSION_ATTRIBUTE) else None
    else:
        version = None

    # Get representation
    func = current_app.ext_prism.lookup_mappings(class_name, version=version)

    if func is None:
        if not soft_fail:
            raise Exception('Issue retrieving stored function reference for PF
                            'Does this object have an api_response/is the right

    return func

```

Example 6

Project: *OneTjs* Author: *neogeo-technologies* File: *views.py* [Apache License 2.0](#)

6 vc

```

def get_service_url(serv, geoclip=False):
    """
    Function building the URL to a service with specific blueprint (tjs/tjs_geocl

    :param serv:    Service instance
    :return:        URL
    """
    app_path = request.url_root
    blueprint_name = request.blueprint

    if blueprint_name == "public_pages":
        if geoclip == True:
            service_url = urllib.parse.urljoin(
                app_path, "/" + ".join(("tjs_geoclip", serv.name))
            )
        else:
            service_url = urllib.parse.urljoin(app_path, "/" + ".join(("tjs", serv.nam
    else:
        service_url = urllib.parse.urljoin(
            app_path, "/" + ".join((blueprint_name, serv.name))
        )
    return service_url

```

Example 7

Project: *flask-rak* Author: *Huong-nt* File: *core.py* [Apache License 2.0](#)

5 vc

```

def __init__(self, app=None, route=None, blueprint=None):
    self.app = app
    self._route = route
    global app_name_global
    app_name_global = app.name

    self._view_name = '_flask_view_func_'
    tmp_view_func = copy_func(self._flask_view_func)
    tmp_view_func.__name__ = self._view_name
    self.addMethod(tmp_view_func)

    if app is not None:
        self.init_app(app)
    elif blueprint is not None:
        self.init_blueprint(blueprint)

```

Example 8

Project: *flask-rak* Author: *Huong-nt* File: *core.py* [Apache License 2.0](#)

5 vc

```
def init_blueprint(self, blueprint):
    """Initialize a Flask Blueprint, similar to init_app, but without the access
    to the application config.
    Keyword Arguments:
        blueprint {Flask Blueprint} -- Flask Blueprint instance to initialize
    """
    if self._route is not None:
        raise TypeError("route cannot be set when using blueprints!")

    blueprint.rak = self
    blueprint.add_url_rule("", view_func=getattr(self, self._view_name), meth
```

Example 9

Project: *flask-rak* Author: *Huong-nt* File: *core.py* [Apache License 2.0](#)

5 vc

```
def _rogo_request(self):
    app_name = flask_request.blueprint
    raw_body = flask_request.data
    rogo_request_payload = json.loads(raw_body)
    rogo_request_payload['app_name'] = app_name
    return rogo_request_payload
```

Example 10

Project: *age-of-empires-II-api* Author: *aalises* File: *civilization.py* [BSD 3-Clause "New" or "Revised" License](#)

5 vc

```
def parse_array_field(self, field):
    out = []
    for item in [x for x in field.split(";")]:
        unit = get_model('units').query.filter_by(name=item).first()
        technology = get_model('technologies').query.filter_by(name=item).
        if unit:
            out.append('{}unit/{}'.format(request.url_root + request.blueprint,
                                           self.format_name_to_query(unit.name)))
        elif technology:
            out.append('{}technology/{}'.format(request.url_root + request.blueprint,
                                                  self.format_name_to_query(technology.name)))
    return out
```

Example 11

Project: *age-of-empires-II-api* Author: *aalises* File: *technology.py* [BSD 3-Clause "New" or "Revised" License](#)

5 vc

```
def json(self):
    technology = [('id', self._id),
                  ('name', self.name),
                  ('description', self.description),
                  ('expansion', self.expansion),
                  ('age', self.age),
                  ('develops_in',
                   '{}structure/{}'.format(request.url_root + request.blueprint,
                                           self.structure.first() else self.develops_in),
                  ('cost', json.loads(self.cost.replace(";", ","))),
```

```

        ('build_time', self.build_time),
        ('applies_to', self.map_to_resource_url() if self.applies_to
        ]
    return OrderedDict([(k, v) for k, v in technology if v])

```

Example 12

Project: [RSSNewsGAE](#) Author: [liantian-cn](#) File: [csrf.py](#) [Apache License 2.0](#)

[5 vc](#)

```

def exempt(self, view):
    """Mark a view or blueprint to be excluded from CSRF protection.

    ::

        @app.route('/some-view', methods=['POST'])
        @csrf.exempt
        def some_view():
            ...

    ::

        bp = Blueprint(...)
        csrf.exempt(bp)

    """

    if isinstance(view, Blueprint):
        self._exempt_blueprints.add(view.name)
        return view

    if isinstance(view, string_types):
        view_location = view
    else:
        view_location = '%s.%s' % (view.__module__, view.__name__)

    self._exempt_views.add(view_location)
    return view

```

Example 13

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 14

Project: [oy-cms](#) Author: [mush42](#) File: [security.py](#) [MIT License](#)

[5 vc](#)

```

def security_processor():
    if request.blueprint != "security":
        return
    if request.endpoint == "security.login":
        form = OyLoginForm()
        if form.validate_on_submit():
            session["lang"] = form.lang.data
    elif request.endpoint == "security.logout" and "lang" in session:
        session.pop("lang")

```

Example 15

Project: *oy-cms* Author: *mush42* File: [__init__.py](#) MIT License

5 vc

```
def security_ctp_with_admin(admin):
    def security_context_processor():
        if not request.blueprint == "security":
            return {}
        return dict(
            admin_base_template=admin.base_template,
            admin_view=admin.index_view,
            h=admin_helpers,
            get_url=url_for,
            _gettext=gettext,
            _trans=gettext,
        )
    return security_context_processor
```

Example 16

Project: *flask-web-development* Author: *Leveson* 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 \
            and request.blueprint != 'auth' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))
```

Example 17

Project: *plataforma-livre-dados-abertos* Author: *pbaesse* File: [csrf.py](#) GNU General Public License v3.0

5 vc

```
def exempt(self, view):
    """Mark a view or blueprint to be excluded from CSRF protection.

    ::

        @app.route('/some-view', methods=['POST'])
        @csrf.exempt
        def some_view():
            ...

    ::

        bp = Blueprint(...)
        csrf.exempt(bp)

    """

    if isinstance(view, Blueprint):
        self._exempt_blueprints.add(view.name)
        return view

    if isinstance(view, string_types):
        view_location = view
    else:
```

```

        view_location = '%s.%s' % (view.__module__, view.__name__)

        self._exempt_views.add(view_location)
        return view

```

Example 18

Project: *Canella-CMS* Author: *mush42* File: [main.py](#) MIT License

5 vc

```

def security_processor():
    if not request.blueprint == 'security':
        return
    if request.endpoint == 'security.login':
        form = CanellaLoginForm()
        if form.validate_on_submit():
            session['lang'] = form.lang.data
    elif request.endpoint == 'security.logout' and 'lang' in session:
        session.pop('lang')

```

Example 19

Project: *fava* Author: *beancount* File: [application.py](#) MIT License

5 vc

```

def _perform_global_filters():
    g.filters = {
        name: request.args.get(name) for name in ["account", "filter", "time"]
    }

    # check (and possibly reload) source file
    if request.blueprint != "json_api":
        g.ledger.changed()

    g.ledger.filter(**g.filters)

```

Example 20

Project: *webapp* Author: *superchilli* File: [csrf.py](#) MIT License

5 vc

```

def exempt(self, view):
    """Mark a view or blueprint to be excluded from CSRF protection.

    ::

        @app.route('/some-view', methods=['POST'])
        @csrf.exempt
        def some_view():
            ...

    ::

        bp = Blueprint(...)
        csrf.exempt(bp)

    """
    if isinstance(view, Blueprint):
        self._exempt_blueprints.add(view.name)
        return view

    if isinstance(view, string_types):

```

```

        view_location = view
    else:
        view_location = '%s.%s' % (view.__module__, view.__name__)

    self._exempt_views.add(view_location)
    return view

```

Example 21

Project: *NiceBlog* Author: *SheHuan* File: [views.py](#) [Apache License 2.0](#)

5 vc

```

def before_request():
    """
    过滤未进行邮件确认的账户，会在请求之前调用
    :return:
    """
    if current_user.is_authenticated:
        current_user.ping()
        if not current_user.confirmed \
            and request.endpoint \
            and request.blueprint != 'auth' \
            and request.endpoint != 'static':
            return redirect(url_for('auth.unconfirmed'))

```

Example 22

Project: *jbox* Author: *jpjush* File: [csrf.py](#) [MIT License](#)

4 vc

```

def init_app(self, app):
    self._app = app
    app.jinja_env.globals['csrf_token'] = generate_csrf
    app.config.setdefault(
        'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
    )
    app.config.setdefault('WTF_CSRF_SSL_STRICT', True)
    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config.setdefault('WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH'])

    # expose csrf_token as a helper in all templates
    @app.context_processor
    def csrf_token():
        return dict(csrf_token=generate_csrf)

    if not app.config['WTF_CSRF_ENABLED']:
        return

    if not app.config['WTF_CSRF_CHECK_DEFAULT']:
        return

    @app.before_request
    def _csrf_protect():
        # many things come from django.middleware.csrf
        if request.method not in app.config['WTF_CSRF_METHODS']:
            return

        if self._exempt_views or self._exempt_blueprints:
            if not request.endpoint:
                return

            view = app.view_functions.get(request.endpoint)

```



```

        if not view:
            return

        dest = '%s.%s' % (view.__module__, view.__name__)
        if dest in self._exempt_views:
            return
        if request.blueprint in self._exempt_blueprints:
            return

    self.protect()

```

Example 23

Project: *RSSNewsGAE* Author: *liantian-cn* File: *csrf.py* [Apache License 2.0](#)

4 vc

```

def init_app(self, app):
    app.extensions['csrf'] = self

    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config['WTF_CSRF_METHODS'] = set(app.config.get(
        'WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH', 'DELETE']
    ))
    app.config.setdefault('WTF_CSRF_FIELD_NAME', 'csrf_token')
    app.config.setdefault(
        'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
    )
    app.config.setdefault('WTF_CSRF_TIME_LIMIT', 3600)
    app.config.setdefault('WTF_CSRF_SSL_STRICT', True)

    app.jinja_env.globals['csrf_token'] = generate_csrf
    app.context_processor(lambda: {'csrf_token': generate_csrf})

    @app.before_request
    def csrf_protect():
        if not app.config['WTF_CSRF_ENABLED']:
            return

        if not app.config['WTF_CSRF_CHECK_DEFAULT']:
            return

        if request.method not in app.config['WTF_CSRF_METHODS']:
            return

        if not request.endpoint:
            return

        view = app.view_functions.get(request.endpoint)

        if not view:
            return

        if request.blueprint in self._exempt_blueprints:
            return

        dest = '%s.%s' % (view.__module__, view.__name__)

        if dest in self._exempt_views:
            return

    self.protect()

```

Example 24

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

4 vc

```
def init_app(self, app):
    self._app = app
    app.jinja_env.globals['csrf_token'] = generate_csrf
    app.config.setdefault(
        'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
    )
    app.config.setdefault('WTF_CSRF_SSL_STRICT', True)
    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config.setdefault('WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH'])

    # expose csrf_token as a helper in all templates
    @app.context_processor
    def csrf_token():
        return dict(csrf_token=generate_csrf)

    if not app.config['WTF_CSRF_ENABLED']:
        return

    if not app.config['WTF_CSRF_CHECK_DEFAULT']:
        return

    @app.before_request
    def _csrf_protect():
        # many things come from django.middleware.csrf
        if request.method not in app.config['WTF_CSRF_METHODS']:
            return

        if self._exempt_views or self._exempt_blueprints:
            if not request.endpoint:
                return

            view = app.view_functions.get(request.endpoint)
            if not view:
                return

            dest = '%s.%s' % (view.__module__, view.__name__)
            if dest in self._exempt_views:
                return
            if request.blueprint in self._exempt_blueprints:
                return

        self._protect()
```

Example 25

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

4 vc

```
def init_app(self, app):
    app.extensions['csrf'] = self

    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config['WTF_CSRF_METHODS'] = set(app.config.get(
        'WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH', 'DELETE']
    ))
```

```

app.config.setdefault('WTF_CSRF_FIELD_NAME', 'csrf_token')
app.config.setdefault(
    'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
)
app.config.setdefault('WTF_CSRF_TIME_LIMIT', 3600)
app.config.setdefault('WTF_CSRF_SSL_STRICT', True)

app.jinja_env.globals['csrf_token'] = generate_csrf
app.context_processor(lambda: {'csrf_token': generate_csrf})

@app.before_request
def csrf_protect():
    if not app.config['WTF_CSRF_ENABLED']:
        return

    if not app.config['WTF_CSRF_CHECK_DEFAULT']:
        return

    if request.method not in app.config['WTF_CSRF_METHODS']:
        return

    if not request.endpoint:
        return

    view = app.view_functions.get(request.endpoint)

    if not view:
        return

    if request.blueprint in self._exempt_blueprints:
        return

    dest = '%s.%s' % (view.__module__, view.__name__)

    if dest in self._exempt_views:
        return

    self.protect()

```

Example 26

Project: *webapp* Author: *superchilli* File: *csrf.py* [MIT License](#)

4 vc

```

def init_app(self, app):
    app.extensions['csrf'] = self

    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config['WTF_CSRF_METHODS'] = set(app.config.get(
        'WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH', 'DELETE']
    ))
    app.config.setdefault('WTF_CSRF_FIELD_NAME', 'csrf_token')
    app.config.setdefault(
        'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
    )
    app.config.setdefault('WTF_CSRF_TIME_LIMIT', 3600)
    app.config.setdefault('WTF_CSRF_SSL_STRICT', True)

    app.jinja_env.globals['csrf_token'] = generate_csrf
    app.context_processor(lambda: {'csrf_token': generate_csrf})

    @app.before_request

```

```

def csrf_protect():
    if not app.config['WTF_CSRF_ENABLED']:
        return

    if not app.config['WTF_CSRF_CHECK_DEFAULT']:
        return

    if request.method not in app.config['WTF_CSRF_METHODS']:
        return

    if not request.endpoint:
        return

    view = app.view_functions.get(request.endpoint)

    if not view:
        return

    if request.blueprint in self._exempt_blueprints:
        return

    dest = '%s.%s' % (view.__module__, view.__name__)

    if dest in self._exempt_views:
        return

    self.protect()

```

Example 27

Project: *WRGameVideos-Server* Author: *thundernet8* File: *csrf.py* GNU General Public License v2.0

4 vc

```

def init_app(self, app):
    self._app = app
    app.jinja_env.globals['csrf_token'] = generate_csrf
    app.config.setdefault(
        'WTF_CSRF_HEADERS', ['X-CSRFToken', 'X-CSRF-Token']
    )
    app.config.setdefault('WTF_CSRF_SSL_STRICT', True)
    app.config.setdefault('WTF_CSRF_ENABLED', True)
    app.config.setdefault('WTF_CSRF_CHECK_DEFAULT', True)
    app.config.setdefault('WTF_CSRF_METHODS', ['POST', 'PUT', 'PATCH'])

    # expose csrf_token as a helper in all templates
    @app.context_processor
    def csrf_token():
        return dict(csrf_token=generate_csrf)

    if not app.config['WTF_CSRF_ENABLED']:
        return

    if not app.config['WTF_CSRF_CHECK_DEFAULT']:
        return

    @app.before_request
    def _csrf_protect():
        # many things come from django.middleware.csrf
        if request.method not in app.config['WTF_CSRF_METHODS']:
            return

        if self._exempt_views or self._exempt_blueprints:
            if not request.endpoint:

```

```
        return

    view = app.view_functions.get(request.endpoint)
    if not view:
        return

    dest = '%s.%s' % (view.__module__, view.__name__)
    if dest in self._exempt_views:
        return
    if request.blueprint in self._exempt_blueprints:
        return

self.protect()
```
