

Python `flask.request.environ()` Examples

The following are code examples for showing how to use `flask.request.environ()`. 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: *calibre-web* Author: *janeczku* File: *web.py* GNU General Public License v3.0

6 vc

```
def send_to_kindle(book_id, book_format, convert):
    settings = config.get_mail_settings()
    if settings.get("mail_server", "mail.example.org") == "mail.example.org":
        flash(_(u"Please configure the SMTP mail settings first..."), category="error")
    elif current_user.kindle_mail:
        result = send_mail(book_id, book_format, convert, current_user.kindle_mail,
                           current_user.nickname)

        if result is None:
            flash(_(u"Book successfully queued for sending to %(kindlemail)s", kindlemail=current_user.kindle_mail),
                  category="success")
            ub.update_download(book_id, int(current_user.id))
        else:
            flash(_(u"There was an error sending this book: %(res)s", res=result), category="error")
    else:
        flash(_(u"Please configure your kindle e-mail address first..."), category="error")
    return redirect(request.environ["HTTP_REFERER"])
```

Login Logout

Example 2

Project: *neo4j-social-network* Author: *bestvibes* File: *run.py* MIT License

6 vc

```
def error_handler(error):
    msg = "Request resulted in {}".format(error)
    current_app.logger.warning(msg, exc_info=error)

    if isinstance(error, HTTPException):
        description = error.get_description(request.environ)
        code = error.code
        name = error.name
    else:
        description = ("We encountered an error "
                       "while trying to fulfill your request")
        code = 500
        name = 'Internal Server Error'

    # Flask supports looking up multiple templates and rendering the first
    # one it finds. This will let us create specific error pages
    # for errors where we can provide the user some additional help.
    # (Like a 404, for example).
    templates_to_try = ['errors/{}.html'.format(code), 'errors/generic.html']
    return render_template(templates_to_try,
                           code=code,
                           name=Markup(name),
                           description=Markup(description),
                           error=error)
```

Example 3

Project: *rucio* Author: *rucio* File: *common.py* [Apache License 2.0](#)

6 vc

```
def before_request():
    if request.environ.get('REQUEST_METHOD') == 'OPTIONS':
        return '', 200

    auth_token = request.environ.get('HTTP_X_RUCIO_AUTH_TOKEN')

    try:
        auth = validate_auth_token(auth_token)
    except RucioException as error:
        return generate_http_error_flask(500, error.__class__.__name__, error.args)
    except Exception as error:
        print(format_exc())
        return error, 500

    if auth is None:
        return generate_http_error_flask(401, 'CannotAuthenticate', 'Cannot author

    request.environ['issuer'] = auth.get('account')
    request.environ['identity'] = auth.get('identity')
    request.environ['request_id'] = generate_uuid()
    request.environ['start_time'] = time()
```

Example 4

Project: *rucio* Author: *rucio* File: *common.py* [Apache License 2.0](#)

6 vc

```
def check_accept_header_wrapper_flask(supported_content_types):
    """ Decorator to check if an endpoint supports the requested content type. """
    def wrapper(f):
        @wraps(f)
        def decorated(*args, **kwargs):
            requested_content_type = request.environ.get('HTTP_ACCEPT')
            request_type_allowed = True
            if requested_content_type:
                if ',' in requested_content_type:
                    for content_type in requested_content_type.replace(' ', '').split(','):
                        if content_type in supported_content_types or '/*/*' in content_type:
                            request_type_allowed = True
                            break
                else:
                    request_type_allowed = False
            else:
                if requested_content_type not in supported_content_types and '
                    request_type_allowed = False

            if not request_type_allowed:
                return generate_http_error_flask(406, 'UnsupportedRequestedContent
            return f(*args, **kwargs)
        return decorated
    return wrapper
```

Example 5

Project: *cascade-server* Author: *mitre* File: *ws.py* [Apache License 2.0](#)

6 vc

```
def session_stream(session_id):
    """
```

```

Session specific notification stream
:param session_id: the id of the current session
"""
current_session = Session.objects.get(id=session_id)
if isinstance(current_session, Session):
    # Open a new socket to stream messages to the server
    if request.method == 'GET':
        if request.environ.get(WSGI_WEBSOCKET):
            ws = request.environ[WSGI_WEBSOCKET]
            for message in current_session.queue.stream():
                ws.send(message)

    # Add a new message to the stream
    elif request.method == 'POST':
        if isinstance(request.json, dict):
            current_session.queue.add(request.json)

return ""

```

Example 6

Project: *libresign* Author: *this-is-ari* File: [ipinfo.py](#) MIT License

6 vc

```

def fetch_ip(fun):
    def wrapper(*args, **kwargs):
        # pylint disable=W0603
        global _request_ip

        if 'CF-Connecting-IP' in request.headers:
            _request_ip = request.headers['CF-Connecting-IP']
        elif request.environ.get('HTTP_X_FORWARDED_FOR') is None:
            _request_ip = request.environ['REMOTE_ADDR']
        else:
            _request_ip = request.environ['HTTP_X_FORWARDED_FOR']

        ret = fun(*args, **kwargs)

        _request_ip = None

        return ret

    return wrapper

```

Example 7

Project: *TurtleFaucet* Author: *krzzic* File: [faucet.py](#) GNU General Public License v3.0

6 vc

```

def get_shells():
    form = FaucetForm()
    addrs = check_address()
    for ban in addrs:
        if form.address.data==ban[0] or request.environ['REMOTE_ADDR']==ban[1] or
            app.logger.info("USER BANNED!")
            return json.dumps({'status':'OK'}),200
    if form.fingerprint.data=='':
        return json.dumps({'status':'Fail',
            'reason':'Fingerprint not detected...'}),400
    if form.address.data==ADDRESS:
        return json.dumps({'status':'Fail',
            'reason':'The faucet cannot send to itself'}),403
    if form.validate_on_submit():

```

```

    resp = do_send(form.address.data,request,100)
    if "reason" in json.loads(resp):
        return resp,500
    return json.dumps({'status':'OK'}),200
return json.dumps({'status':'Fail',
    'reason':'Make sure the captcha and address fields are filled'}),400

```

Example 8

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 9

Project: *python-aws-ecr-deployer* Author: *filc* File: *__init__.py* Apache License 2.0

6 vc

```

def _setup_requests(app):

    def _init_request():
        session = request.environ['beaker.session']
        session.save()

        _setup_connector(
            app=current_app,
            app_config=current_app.config,
            session=session
        )

    @app.before_request
    def before_request():
        init_request = _init_request()
        return init_request

```

Example 10

Project: *maple-blog* Author: *honmaple* File: *alias.py* GNU General Public License v3.0

6 vc

```
def init_app(app):
    app.add_url_rule(
        "/en",
        defaults={"uri": ""},
        view_func=redirect_en,
    )

    app.add_url_rule(
        "/en/<path:uri>",
        view_func=redirect_en,
    )
    # @app.before_request
    # def before_request():
    #     if request.path.startswith("/en/"):
    #         request.environ["HTTP_ACCEPT_LANGUAGE"] = "en-US,en;q=0.5"

    # url_map = list(app.url_map.iter_rules())
    # for rule in url_map:
    #     app.add_url_rule("/en" + rule.rule, rule.endpoint, alias=True)
```

Example 11

Project: *faux-aws* Author: *brentonr* File: *faux-aws.py* [Apache License 2.0](#)

6 vc

```
def handler(path):
    root = "./data"

    service = path.split('/', 1)[0]
    if service in awsServices:
        action = request.form['Action'] if 'Action' in request.form else ''
        path = os.path.join(path.split('/', 1)[0], action)
        data_path = os.path.join(root, path)
        if os.path.isfile(data_path):
            contents = readDataFile(data_path)
            root = etree.fromstring(contents)
            filters = getFilters(request.form)
            if hasattr(awsServices[service], 'filter'):
                awsServices[service].filter(action, root, filters)
            return render_template_string(etree.tostring(root), remote_address=request.remote_addr)
        return ""
    else:
        path = os.path.join('imds', path)
        data_path = os.path.join(root, path)
        if (os.path.isdir(data_path)) and path.endswith('/'):
            return '\n'.join(os.listdir(data_path))
        elif os.path.isfile(data_path):
            contents = readDataFile(data_path)
            return render_template_string(contents, remote_address=request.remote_addr, environ=request.environ)
        return imdsNotFoundXml
```

Example 12

Project: *hacks* Author: *misakar* File: *async.py* [MIT License](#)

6 vc

```
def run_ctx_request(environ):
    """
    run flask request context in celery worker
    """
    from blueprints import app # wsgi.app

    if '_wsgi.input' in environ:
```

```

# an input stream (file-like object) from which the HTTP request body can
# detail: https://www.python.org/dev/peps/pep-0333/#environ-variables
environ['wsgi.input'] = BytesIO(environ['_wsgi.input'])

with app.request_context():
    g.in_celery = True

    try:
        rv = app.full_dispatch_request()
    except InternalServerError:
        if app.debug:
            raise
        return app.make_response(InternalServerError())
    return (rv.get_data(), rv.status_code, rv.headers)

```

Example 13

Project: *hacks* Author: *misakar* File: [async.py](#) MIT License

6 vc

```

def decorator(*args, **kwargs):

    if getattr(g, 'in_celery', False):
        return f(*args, **kwargs)

    environ = {k: v for k, v in request.environ.items()
               if isinstance(v, text types)}
    if 'wsgi.input' in request.environ:
        environ['_wsgi.input'] = request.get_data() # request.body
    task = run_ctx_request.apply_async(args=(environ,))

    if task.state == states.PENDING or task.state == states.RECEIVED or \
       task.state == states.STARTED:
        return '', 202, {'Location': url_for('api.get_status', id=task.id)}

    return task.info

```

Example 14

Project: *PythonMicroservicesDevelopment_Code* Author: *mtianyan* File: [flask_print.py](#) Apache License 2.0

5 vc

```

def my_microservice():
    print(request)
    print(request.environ)
    response = jsonify({'Hello': 'World!'})
    print(response)
    print(response.data)
    return response

```

Example 15

Project: *PythonMicroservicesDevelopment_Code* Author: *mtianyan* File: [flask_auth.py](#) Apache License 2.0

5 vc

```

def auth():
    print("The raw Authorization header")
    print(request.environ["HTTP_AUTHORIZATION"])
    print("Flask's Authorization header")
    print(request.authorization)
    return ""

```

Example 16

Project: *plexivity* Author: *mutschler* File: [views.py](#) GNU General Public License v3.0

5 vc

```
def twitter():
    auth = tweepy.OAuthHandler("T4NRPCeUrCEU58FesRmRtkdW", "zmpbytgPpSbro6RZcXsKc
    auth.set_access_token(config.TWITTER_ACCESS_TOKEN, config.TWITTER_ACCESS_TOKEN

    api = tweepy.API(auth)
    try:
        if api.me().name:
            return redirect(url_for('index'))
    except tweepy.TweepError:
        pass

    redirect_url = auth.get_authorization_url()
    session["request_token"] = auth.request_token
    return redirect(redirect_url)
```

Example 17

Project: *Health-Checker* Author: *KriAga* File: [helpers.py](#) MIT License

5 vc

```
def get_env():
    """Get the environment the app is running in, indicated by the
    :envvar:`FLASK_ENV` environment variable. The default is
    ``'production'``.
    """
    return os.environ.get('FLASK_ENV') or 'production'
```

Example 18

Project: *Health-Checker* Author: *KriAga* File: [helpers.py](#) MIT License

5 vc

```
def get_debug_flag():
    """Get whether debug mode should be enabled for the app, indicated
    by the :envvar:`FLASK_DEBUG` environment variable. The default is
    ``True`` if :func:`.get_env` returns ``'development'``, or ``False``
    otherwise.
    """
    val = os.environ.get('FLASK_DEBUG')

    if not val:
        return get_env() == 'development'

    return val.lower() not in ('0', 'false', 'no')
```

Example 19

Project: *Health-Checker* Author: *KriAga* File: [helpers.py](#) MIT License

5 vc

```
def get_load_dotenv(default=True):
    """Get whether the user has disabled loading dotenv files by setting
    :envvar:`FLASK_SKIP_DOTENV`. The default is ``True``, load the
    files.

    :param default: What to return if the env var isn't set.
    """
    val = os.environ.get('FLASK_SKIP_DOTENV')
```

```

    if not val:
        return default

    return val.lower() in ('0', 'false', 'no')

```

Example 20

Project: *ssh-runner* Author: *XXXDevOps* File: *davyJones.py* GNU General Public License v3.0

5 vc

```

def runtime_remote():
    #params = request.json
    uid = request.environ['REQUEST_UUID']
    params = request.values.to_dict()
    host = params['host']
    params['hosts'] = [host]
    del params['host']
    c = connectors.ConnectorInteractive(**params)
    c.open()
    c.run_async()
    connection_data.REQUEST_DICT[uid] = c
    return Response(
        c.read_result_until_done()
    )

```

Example 21

Project: *ssh-runner* Author: *XXXDevOps* File: *davyJones.py* GNU General Public License v3.0

5 vc

```

def connection_dropped(self, error, environ=None):
    uid = environ.get('REQUEST_UUID', None)
    if uid and uid :
        a = connection_data.REQUEST_DICT.pop(uid, None)
        if a:
            del a
            print("interrupt %s" % uid)

```

Example 22

Project: *ssh-runner* Author: *XXXDevOps* File: *scriptrunner.py* GNU General Public License v3.0

5 vc

```

def post(self):
    json_data = request.get_json()
    c = connectors.ConnectorScriptRunner(**json_data)
    uid = request.environ['REQUEST_UUID']
    connection_data.REQUEST_DICT[uid] = c
    out, err = c.run()
    return {
        'stdout': out,
        'stderr': err,
        'time': c.run_time
    }

```

Example 23

Project: *recruit* Author: *Frank-qiu* File: *helpers.py* Apache License 2.0

5 vc

```

def get_env():
    """Get the environment the app is running in, indicated by the
    :envvar:`FLASK_ENV` environment variable. The default is
    ``'production'``.

```



```
"""
return os.environ.get('FLASK_ENV') or 'production'
```

Example 24

Project: *recruit* Author: *Frank-qlu* File: [helpers.py](#) [Apache License 2.0](#)

5 vc

```
def get_debug_flag():
    """Get whether debug mode should be enabled for the app, indicated
    by the :envvar:`FLASK_DEBUG` environment variable. The default is
    ``True`` if :func:`.get_env` returns ``'development'``, or ``False``
    otherwise.
    """
    val = os.environ.get('FLASK_DEBUG')

    if not val:
        return get_env() == 'development'

    return val.lower() not in ('0', 'false', 'no')
```

Example 25

Project: *recruit* Author: *Frank-qlu* File: [helpers.py](#) [Apache License 2.0](#)

5 vc

```
def get_load_dotenv(default=True):
    """Get whether the user has disabled loading dotenv files by setting
    :envvar:`FLASK_SKIP_DOTENV`. The default is ``True``, load the
    files.

    :param default: What to return if the env var isn't set.
    """
    val = os.environ.get('FLASK_SKIP_DOTENV')

    if not val:
        return default

    return val.lower() in ('0', 'false', 'no')
```

Example 26

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

5 vc

```
def remove_from_shelf(shelf_id, book_id):
    shelf = ub.session.query(ub.Shelf).filter(ub.Shelf.id == shelf_id).first()
    if shelf is None:
        log.error("Invalid shelf specified: %s", shelf_id)
        if not request.is_xhr:
            return redirect(url_for('web.index'))
        return "Invalid shelf specified", 400

    # if shelf is public and use is allowed to edit shelves, or if shelf is private
    # allow editing shelves
    # result shelf public user allowed user owner
    # false 1 0 x
    # true 1 1 x
    # true 0 x 1
    # false 0 x 0

    if (not shelf.is_public and shelf.user_id == int(current_user.id)) \
        or (shelf.is_public and current_user.role_edit_shelfs()):
```

```

book_shelf = ub.session.query(ub.BookShelf).filter(ub.BookShelf.shelf == s
                                                    ub.BookShelf.book_id ==

if book_shelf is None:
    log.error("Book %s already removed from %s", book_id, shelf)
    if not request.is_xhr:
        return redirect(url_for('web.index'))
    return "Book already removed from shelf", 410

ub.session.delete(book_shelf)
ub.session.commit()

if not request.is_xhr:
    flash(_(u"Book has been removed from shelf: %(sname)s", sname=shelf.name))
    return redirect(request.environ["HTTP_REFERER"])
return "", 204
else:
    log.error("User %s not allowed to remove a book from %s", current_user, shelf)
    if not request.is_xhr:
        flash(_(u"Sorry you are not allowed to remove a book from this shelf:
                category="error"))
        return redirect(url_for('web.index'))
    return "Sorry you are not allowed to remove a book from this shelf: %s" %

```

Example 27

Project: *jbox* Author: *jpush* File: [helpers.py](#) MIT License

5 vc

```

def get_debug_flag(default=None):
    val = os.environ.get('FLASK_DEBUG')
    if not val:
        return default
    return val not in ('0', 'false', 'no')

```

Example 28

Project: *rucio* Author: *rucio* File: [common.py](#) Apache License 2.0

5 vc

```

def after_request(response):
    response.headers['Access-Control-Allow-Origin'] = request.environ.get('HTTP_ORIGIN')
    response.headers['Access-Control-Allow-Headers'] = request.environ.get('HTTP_ACCESS_CONTROL_REQUEST_HEADERS')
    response.headers['Access-Control-Allow-Methods'] = '*'
    response.headers['Access-Control-Allow-Credentials'] = 'true'

    if request.environ.get('REQUEST_METHOD') == 'GET':
        response.headers['Cache-Control'] = 'no-cache, no-store, max-age=0, must-revalidate'
        response.headers['Cache-Control'] = 'post-check=0, pre-check=0'
        response.headers['Pragma'] = 'no-cache'

    return response

```

Example 29

Project: *Mahjong-Solitaire* Author: *MEASHY* File: [helpers.py](#) MIT License

5 vc

```

def get_debug_flag(default=None):
    val = os.environ.get('FLASK_DEBUG')
    if not val:
        return default
    return val not in ('0', 'false', 'no')

```

Example 30

Project: *Mahjong-Solitaire* Author: *MEASHY* File: [helpers.py](#) MIT License

5 vc

```
def get_debug_flag(default=None):
    val = os.environ.get('FLASK_DEBUG')
    if not val:
        return default
    return val not in ('0', 'false', 'no')
```

Example 31

Project: *flask_restapi* Author: *iwwxiong* File: [app.py](#) MIT License

5 vc

```
def make_response(self, rv):
    status_or_headers = headers = None
    if isinstance(rv, tuple):
        rv, status_or_headers, headers = rv + (None,) * (3 - len(rv))

    if rv is None:
        raise ValueError('View function did not return a response')

    if isinstance(status_or_headers, (dict, list)):
        headers, status_or_headers = status_or_headers, None

    if not isinstance(rv, self.response_class):
        # When we create a response object directly, we let the constructor
        # set the headers and status. We do this because there can be
        # some extra logic involved when creating these objects with
        # specific values (like default content type selection).
        if isinstance(rv, (JSONRender, text_type, bytes, bytearray, list, dict)):
            rv = self.response_class(rv, headers=headers, status=status_or_headers)
            headers = status_or_headers = None
        else:
            rv = self.response_class.force_type(rv, request.environ)

    if status_or_headers is not None:
        if isinstance(status_or_headers, string_types):
            rv.status = status_or_headers
        else:
            rv.status_code = status_or_headers
    if headers:
        rv.headers.extend(headers)

    return rv
```

Example 32

Project: *sam-s-club-auctions* Author: *sameer2800* File: [helpers.py](#) Apache License 2.0

5 vc

```
def get_debug_flag(default=None):
    val = os.environ.get('FLASK_DEBUG')
    if not val:
        return default
    return val not in ('0', 'false', 'no')
```

Example 33

Project: *SempoBlockchain* Author: *teamsempo* File: [auth_api.py](#) GNU General Public License v3.0

5 vc

```

def get(self):

    print("process started")

    challenges = [
        ('Why don't they play poker in the jungle?', 'Too many cheetahs.'),
        ('What did the Buddhist say to the hot dog vendor?', 'Make me one with'),
        ('What does a zombie vegetarian eat?', 'Graaaaaaaaaains!'),
        ('My new thesaurus is terrible.', 'Not only that, but it's also terrible.'),
        ('Why didn't the astronaut come home to his wife?', 'He needed his space.'),
        ('I got fired from my job at the bank today.', 'An old lady came in and asked me to check her balance, so I pushed her.'),
        ('I like to spend every day as if it's my last', 'Staying in bed and calling for a nurse to bring me more pudding.')
    ]

    challenge = random.choice(challenges)

    # time.sleep(int(request.args.get('delay', 0)))
    # from functools import reduce
    # reduce(lambda x, y: x + y, range(0, int(request.args.get('count', 1))))

    # memory_to_consume = int(request.args.get('MB', 0)) * 1000000
    # bytearray(memory_to_consume)

    ip_address = request.environ.get('HTTP_X_REAL_IP', request.remote_addr)
    user_agent = request.environ["HTTP_USER_AGENT"]
    ip = request.environ["REMOTE_ADDR"]
    # proxies = request.headers.getlist("X-Forwarded-For")
    # http://esd.io/blog/flask-apps-heroku-real-ip-spoofing.html

    response_object = {
        'status': 'success',
        'who_allows_a_get_request_to_their_auth_endpoint': 'We do.',
        challenge[0]: challenge[1],
        # 'metadata': {'user_agent': user_agent, 'ip': ip_address, 'otherip':
    }
    return make_response(jsonify(response_object)), 200

# @limiter.limit("20 per day")

```

Example 34

Project: *XMorbid* Author: *NMTech0x90* File: [helpers.py](#) GNU General Public License v3.0 5 vc

```

def get_env():
    """Get the environment the app is running in, indicated by the
    :envvar:`FLASK_ENV` environment variable. The default is
    ``'production'``.
    """
    return os.environ.get('FLASK_ENV') or 'production'

```

Example 35

Project: *XMorbid* Author: *NMTech0x90* File: [helpers.py](#) GNU General Public License v3.0 5 vc

```

def get_debug_flag():
    """Get whether debug mode should be enabled for the app, indicated
    by the :envvar:`FLASK_DEBUG` environment variable. The default is
    ``True`` if :func:`get_env` returns ``'development'``, or ``False``
    otherwise.

```

```

"""
val = os.environ.get('FLASK_DEBUG')

if not val:
    return get_env() == 'development'

return val.lower() not in ('0', 'false', 'no')

```

Example 36

Project: *XMorbid* Author: *NMTech0x90* File: [helpers.py](#) GNU General Public License v3.0

5 vc

```

def get_load_dotenv(default=True):
    """Get whether the user has disabled loading dotenv files by setting
    :envvar:`FLASK_SKIP_DOTENV`. The default is ``True``, load the
    files.

    :param default: What to return if the env var isn't set.
    """
    val = os.environ.get('FLASK_SKIP_DOTENV')

    if not val:
        return default

    return val.lower() in ('0', 'false', 'no')

```

Example 37

Project: *Blockly-rduino-communication* Author: *technologiescollege* File: [helpers.py](#) GNU General Public License v3.0

5 vc

```

def get_env():
    """Get the environment the app is running in, indicated by the
    :envvar:`FLASK_ENV` environment variable. The default is
    ``'production'``.
    """
    return os.environ.get('FLASK_ENV') or 'production'

```

Example 38

Project: *Blockly-rduino-communication* Author: *technologiescollege* File: [helpers.py](#) GNU General Public License v3.0

5 vc

```

def get_debug_flag():
    """Get whether debug mode should be enabled for the app, indicated
    by the :envvar:`FLASK_DEBUG` environment variable. The default is
    ``True`` if :func:`.get_env` returns ``'development'``, or ``False``
    otherwise.
    """
    val = os.environ.get('FLASK_DEBUG')

    if not val:
        return get_env() == 'development'

    return val.lower() not in ('0', 'false', 'no')

```

Example 39

Project: *Blockly-rduino-communication* Author: *technologiescollege* File: [helpers.py](#) GNU General

5 vc

Public License v3.0

```
def get_load_dotenv(default=True):
    """Get whether the user has disabled loading dotenv files by setting
    :envvar:`FLASK_SKIP_DOTENV`. The default is ``True``, load the
    files.

    :param default: What to return if the env var isn't set.
    """
    val = os.environ.get('FLASK_SKIP_DOTENV')

    if not val:
        return default

    return val.lower() in ('0', 'false', 'no')
```

Example 40

Project: *legends-of-erukar-rl* Author: *etkirsch* File: *serve.py* GNU Affero General Public License v3.0 5 vc

```
def on_connect():
    addr = request.environ['REMOTE_ADDR']
    if addr in blacklist:
        print('{} was found in the blacklist and was rejected'.format(addr))
        shard.update_connection(request)
```

Example 41

Project: *elogy* Author: *johanfforsberg* File: *entries.py* GNU General Public License v3.0 5 vc

```
def get(self, entry_id, logbook_id=None):
    "Check for a lock"
    entry = Entry.get(Entry.id == entry_id)
    lock = entry.get_lock(request.environ["REMOTE_ADDR"])
    if lock:
        return lock
    raise EntryLock.DoesNotExist
```

Example 42

Project: *elogy* Author: *johanfforsberg* File: *entries.py* GNU General Public License v3.0 5 vc

```
def post(self, args, entry_id, logbook_id=None):
    "Acquire (optionally stealing) a lock"
    entry = Entry.get(Entry.id == entry_id)
    return entry.get_lock(ip=request.environ["REMOTE_ADDR"],
                          acquire=True,
                          steal=args["steal"])
```

Example 43

Project: *elogy* Author: *johanfforsberg* File: *entries.py* GNU General Public License v3.0 5 vc

```
def delete(self, args, entry_id=None, logbook_id=None):
    "Cancel a lock"
    if "lock_id" in args:
        lock = EntryLock.get(EntryLock.id == args["lock_id"])
    else:
        entry = Entry.get(Entry.id == entry_id)
        lock = entry.get_lock()
```

```
lock.cancel(request.environ["REMOTE_ADDR"])
return lock
```

Example 44

Project: *Flask-WebSub* Author: *marten-de-vries* File: *utils.py* ISC License

5 vc

```
def serve_app(app, port, https=False):
    opts = {'ssl_context': 'adhoc'} if https else {}
    app.config['PREFERRED_URL_SCHEME'] = 'https' if https else 'http'

    app.config['SERVER_NAME'] = 'localhost:' + str(port)
    @app.route('/ping')
    def ping():
        return 'pong'

    @app.route('/kill', methods=['POST'])
    def kill():
        request.environ['werkzeug.server.shutdown]()
        return 'bye'

    t = threading.Thread(target=lambda: app.run(port=port, **opts))
    t.start()

    with app.app_context():
        # block until the server is up
        def retry():
            try:
                requests.get(url_for('ping'), verify=False)
            except requests.ConnectionError:
                retry()

        retry()

        # run the tests
        yield

        # tear down the server
        requests.post(url_for('kill'), verify=False)
    t.join()
```

Example 45

Project: *RSSNewsGAE* Author: *liantian-cn* File: *helpers.py* Apache License 2.0

5 vc

```
def get_debug_flag(default=None):
    val = os.environ.get('FLASK_DEBUG')
    if not val:
        return default
    return val not in ('0', 'false', 'no')
```

Example 46

Project: *sfdc-recipe-auto-provisioning* Author: *docusign* File: *ds_recipe_lib.py* MIT License

5 vc

```
def get_script_url():
    # Dynamically determine the script's url
    # For production use, this is not a great idea. Instead, set it
    # explicitly. Remember that for production, webhook urls must start with
    # https!
    my_url = rm_queryparameters(full_url(request.environ))
```

```
# See http://flask.pocoo.org/docs/0.10/api/#flask.request
return my_url
```

Example 47

Project: *sfdc-recipe-auto-provisioning* Author: *docuSign* File: *ds_recipe_lib.py* MIT License

5 vc

```
def url_origin(s, use_forwarded_host = False):

    # testing if Heroku includes forwarding host
    use_forwarded_host = True
    include_protocol = True

    ssl      = (('HTTPS' in s) and s['HTTPS'] == 'on')
    sp       = s['SERVER_PROTOCOL'].lower()
    protocol = sp[:sp.find('/')] + ('s' if ssl else '')
    port     = s['SERVER_PORT']
    port     = '' if ((not ssl and port=='80') or (ssl and port=='443')) else (':' + port)
    host     = s['HTTP_X_FORWARDED_HOST'] if (use_forwarded_host and ('HTTP_X_FORWARDED_HOST' in s) else None)
    host     = host if (host != None) else (s['SERVER_NAME'] + port)

    # The protocol can easily be wrong if we're frontended by a HTTPS proxy
    # (Like the standard Heroku setup!)
    on_heroku = heroku_env in os.environ
    upgrade_insecure_request = request.headers.get('Upgrade-Insecure-Requests')
    upgrade_insecure_request = upgrade_insecure_request and upgrade_insecure_request != '0'
    https_proto = request.headers.get('X-Forwarded-Proto')
    https_proto = https_proto and https_proto == 'https'
    use_https = on_heroku or upgrade_insecure_request or https_proto
    if use_https: # Special handling
        protocol = "https"
    return protocol + '://' + host
```

Example 48

Project: *chainerui* Author: *chainer* File: *test_client.py* MIT License

5 vc

```
def _shutdown(self):
    from flask import request
    if 'werkzeug.server.shutdown' not in request.environ:
        return 'Server has already shut down'

    request.environ['werkzeug.server.shutdown]()
    return 'Server is shutting down...'
```

Example 49

Project: *maple-blog* Author: *honmaple* File: *alias.py* GNU General Public License v3.0

5 vc

```
def redirect_en(uri):
    view_function = get_view_function(
        "/" + uri,
        request.method,
    )
    if view_function is None:
        abort(404)
    request.environ["HTTP_ACCEPT_LANGUAGE"] = "en-US,en;q=0.5"
    return view_function[0](**view_function[1])
```


Example 50

Project: *encrypt-ctf* Author: *mishrasunny174* File: [helpers.py](#) GNU General Public License v3.0

5 vc

```
def get_env():
    """Get the environment the app is running in, indicated by the
    :envvar:`FLASK_ENV` environment variable. The default is
    ``'production'``.
    """
    return os.environ.get('FLASK_ENV') or 'production'
```