Python flask.request.path() Examples

The following are code examples for showing how to use *flask.request.path()*. 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_boilerplate* Author: *guptakvgaurav* File: *auth.py* MIT License 7 vo

```
def authenticator(strategy):
    strategy_fn = None

    def basic_authenticator(f):
        @wraps(f)
        def authenticate(*args, **kwargs):
            app.logger.info('In wrapped function')
            username = request.authorization['username']
            password = request.authorization['password']
            is_valid = True if username == password else False
            if not is_valid:
                app.logger.error('[Authentication] [User-{}] tried to access '
                                 '[path-{}] with [password-{}]'
                                 .format(username, request.path, password))
                return jsonify({
                    'message': 'Username and password must be same.'
                })
            return f(*args, **kwargs)
        return authenticate

    if strategy.lower() == 'basic':
        strategy_fn = basic_authenticator

    return strategy_fn
```

Example 2

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 6 vo

```
def ip_whitelist_add(ip_to_allow, info_record_dict=None):
    """添加ip到白名单，并写入文件"""
    if ip_to_allow in single_ip_allowed_set:
        return
    dbgprint('ip white added', ip_to_allow, 'info:', info_record_dict)
    single_ip_allowed_set.add(ip_to_allow)
    is_ip_not_in_allow_range.cache_clear()
    append_ip_whitelist_file(ip_to_allow)
    # dbgprint(single_ip_allowed_set)
    try:
        with open(zmirror_root(human_ip_verification_whitelist_log), 'a', encoding
            fp.write(datetime.now().strftime('%Y-%m-%d %H:%M:%S') + " " + ip_to_al
                     + " " + str(request.user_agent)
                     + " " + repr(info_record_dict) + "\n")
    except:  # coverage: exclude
        errprint('Unable to write log file', os.path.abspath(human_ip_verificatio
        traceback.print_exc()
```

Example 3

Project: *gvs-public* Author: *statgen* File: *exac.py* MIT License 6 vo

```
def require_agreement_to_terms_and_store_destination(func):
    """
    This decorator for routes checks that the user is logged in and has agreed to
    If they haven't, their intended destination is stored and they're sent to get
    I think that it has to be placed AFTER @app.route() so that it can capture `re
    """
    # inspired by <https://flask-login.readthedocs.org/en/latest/_modules/flask_lo
    @functools.wraps(func)
    def decorated_view(*args, **kwargs):
        if hasattr(current_user, 'agreed_to_terms') and current_user.agreed_to_ter
            return func(*args, **kwargs)
        else:
            print('unauthorized user {!r} visited the url [{!r}]'.format(current_u
            session['original_destination'] = request.path
            return redirect(url_for('get_authorized'))
        return func(*args, **kwargs)
    return decorated_view
```

Example 4

Project: *ambassador-auth-httpjwt* Author: *datawire* File: *app.py* Apache License 2.0 6 vo

```
def requires_auth(f):
    @wraps(f)
    def decorated(*args, **kwargs):
        # Favicon is the little icon associated with a domain in a web browser. Br
        # resource /favicon.ico alongside any other HTTP request which pollutes th
        # because usually the favicon cannot be resolved. This tells the browser t
        if request.path == "/favicon.ico":
            return Response(status=403)

        verified = False
        encoded_token = get_encoded_token()

        try:
            token = jwt.decode(encoded_token, config["key"], [config["algorithm"]]

        except jwt.ExpiredSignatureError:
            app.logger.exception("Token is expired!")

        if not verified:
            return unauthorized()

        return f(*args, **kwargs)

    return decorated
```

Example 5

Project: *lando-api* Author: *mozilla-conduit* File: *hooks.py* Mozilla Public License 2.0 6 vo

```
def request_logging_after_request(response):
    summary = {
        "errno": 0 if response.status_code < 400 else 1,
        "agent": request.headers.get("User-Agent", ""),
        "lang": request.headers.get("Accept-Language", ""),
        "method": request.method,
        "path": request.path,
        "code": response.status_code,
```

```
    }

    start = g.get("_request_start_timestamp", None)
    if start is not None:
        summary["t"] = int(1000 * (time.time() - start))

    request_logger.info("request summary", extra=summary)

    return response
```

Example 6

Project: *salicapi* Author: *Lafaiet* File: *ResourceBase.py* GNU General Public License v3.0 6 vo

```
def request_start():
    content_type = request.headers.get('Accept') or ''
    real_ip = request.headers.get('X-Real-Ip') or ''

    Log.info(request.path+' '+format_args(request.args)\
                +' '+real_ip\
                +' '+content_type)

    #Test content_type

    # if content_type and content_type not in  AVAILABLE_CONTENT_TYPES:
    #     results = {'message' : 'Content-Type not supported',
    #                'message_code' : 8
    #             }
    #     return {'error' : 'content-type'}
    #     return self.render(results, status_code = 405)
```

Example 7

Project: *globomap-core-loader* Author: *globocom* File: *driver_api.py* Apache License 2.0 6 vo

```
def post(self):
        """Post a list of messages."""
        try:
            data = request.get_json()
            driver_name = request.headers.get('X-DRIVER-NAME', '*')
            job_controller = request.headers.get(
                'X-JOB-CONTROLLER', '0') == '1'
            job_id = LoaderAPIFacade().publish_updates(data, driver_name, job_cont
            res = {
                'message': 'Updates published successfully',
            }
            if job_id:
                res.update({'jobid': job_id})

            return res, 202, {'Location': '{}/job/{}'.format(request.path, job_id

        except ValidationError as error:
            app.logger.exception('Error sending updates to rabbitmq')
            api.abort(400, errors=util.validate(error))
        except BadRequest as err:
            api.abort(400, errors=err.description)
        except:
            app.logger.exception('Error sending updates to rabbitmq')
            res = {'message': 'Error sending updates to queue'}
            return api.abort(500, errors=res)
```

Example 8

Project: *Akeso* Author: *ameserole* File: *utils.py* MIT License 6 vo

```
def upload_file(file, chalid):
    filename = secure_filename(file.filename)

    if len(filename) <= 0:
        return False

    md5hash = hashlib.md5(os.urandom(64)).hexdigest()

    upload_folder = os.path.join(os.path.normpath(app.root_path), app.config['UPI
    if not os.path.exists(os.path.join(upload_folder, md5hash)):
        os.makedirs(os.path.join(upload_folder, md5hash))

    file.save(os.path.join(upload_folder, md5hash, filename))
    db_f = Files(chalid, (md5hash + '/' + filename))
    db.session.add(db_f)
    db.session.commit()
    return True
```

Example 9

Project: *Akeso* Author: *ameserole* File: *challenges.py* MIT License 6 vo

```
def solves_per_chal():
    if not utils.user_can_view_challenges():
        return redirect(url_for('auth.login', next=request.path))

    solves_sub = db.session.query(Solves.chalid, db.func.count(Solves.chalid).labe
    solves = db.session.query(solves_sub.columns.chalid, solves_sub.columns.solves
                      .join(Challenges, solves_sub.columns.chalid == Challenges.i
    json = {}
    if utils.hide_scores():
        for chal, count, name in solves:
            json[chal] = -1
    else:
        for chal, count, name in solves:
            json[chal] = count
    db.session.close()
    return jsonify(json)
```

Example 10

Project: *calibre-web* Author: *janeczku* File: *web.py* GNU General Public License v3.0 6 vo

```
def serve_book(book_id, book_format, anyname):
    book_format = book_format.split(".")[0]
    book = db.session.query(db.Books).filter(db.Books.id == book_id).first()
    data = db.session.query(db.Data).filter(db.Data.book == book.id).filter(db.Dat
        .first()
    log.info('Serving book: %s', data.name)
    if config.config_use_google_drive:
        headers = Headers()
        headers["Content-Type"] = mimetypes.types_map.get('.' + book_format, "appl
        df = getFileFromEbooksFolder(book.path, data.name + "." + book_format)
        return do_gdrive_download(df, headers)
    else:
        return send_from_directory(os.path.join(config.config_calibre_dir, book.p
```

```
# @web.route("/download/<int:book_id>/<book_format>", defaults={'anyname': 'None'}
```

Example 11

Project: *python-flask-restful-api* Author: *akashtalole* File: *request_context_task.py* MIT License 6 vo

```
def _include_request_context(self, kwargs):
        """Includes all the information about current Flask request context
        as an additional argument to the task.
        """
        if not has_request_context():
            return

        # keys correspond to arguments of :meth:`Flask.test_request_context`
        context = {
            'path': request.path,
            'base_url': request.url_root,
            'method': request.method,
            'headers': dict(request.headers),
        }
        if '?' in request.url:
            context['query_string'] = request.url[(request.url.find('?') + 1):]

        kwargs[self.CONTEXT_ARG_NAME] = context
```

Example 12

Project: *sysu-ctf* Author: *ssst0n3* File: *utils.py* Apache License 2.0 6 vo

```
def init_utils(app):
    app.jinja_env.filters['unix_time'] = unix_time
    app.jinja_env.filters['unix_time_millis'] = unix_time_millis
    app.jinja_env.filters['long2ip'] = long2ip
    app.jinja_env.globals.update(pages=pages)
    app.jinja_env.globals.update(can_register=can_register)
    app.jinja_env.globals.update(mailserver=mailserver)
    app.jinja_env.globals.update(ctf_name=ctf_name)

    @app.context_processor
    def inject_user():
        if authed():
            return dict(session)
        return dict()

    @app.before_request
    def needs_setup():
        if request.path == '/setup' or request.path.startswith('/static'):
            return
        if not is_setup():
            return redirect('/setup')
```

Example 13

Project: *FXTest* Author: *liwanlei* File: *views.py* MIT License 6 vo

```
def get(self):
        wrok = Work.query.all()
        projects = Project.query.filter_by(status=False).all()
        if current_user.is_sper == True:
```

```
            pagination = (User.query.order_by('-id').all())
        else:
            pagination = []
            id = []
            for projec in current_user.quanxians:
                if (projec.user.all() in id) is False:
                    pagination.append(projec.user.all())
                    id.append(projec.user.all())
            pagination = (hebinglist(pagination))
        pager_obj = Pagination(request.args.get("page", 1), len(pagination), reque
                               per_page_count=PageShow)
        index_list = pagination[pager_obj.start:pager_obj.end]
        html = pager_obj.page_html()
        return render_template('home/useradmin.html', users=index_list, html=html,
```

Example 14

Project: *redberry* Author: *michaelcho* File: *blueprint.py* Apache License 2.0 6 vo

```
def build_sitemap():
    from redberry.models import RedPost, RedCategory
    from apesmit import Sitemap
    sm = Sitemap(changefreq='weekly')

    for post in RedPost.all_published():
        sm.add(url_for('redberry.show_post', slug=post.slug, _external=True), last

    for category in RedCategory.query.all():
        sm.add(url_for('redberry.show_category', category_slug=category.slug, _ext

    with open(os.path.join(REDBERRY_ROOT, 'static', 'redberry', 'sitemap.xml'), '
        sm.write(f)

    flash("Sitemap created.", 'success')
    return redirect(url_for('redberry.home'))


##############
# ADMIN ROUTES
##############
```

Example 15

Project: *dockerizeme* Author: *dockerizeme* File: *snippet.py* Apache License 2.0 6 vo

```
def cached_generational(self, timeout=None, groups=None, key_prefix='view/%s', unl
        '''
        Build generational cache key. Always vary on PJAX.
        '''
        def build_key():
            if callable(key_prefix):
                cache_key = key_prefix()
            elif '%s' in key_prefix:
                cache_key = key_prefix % request.path
            else:
                cache_key = key_prefix

            key = cache_key + self.build_group_key_prefix(groups) + request.header
            return key
            # log.debug(u"Built group key: %s" % key)
```

```
        return self.cached(timeout=timeout, key_prefix=build_key, unless=None)
```

Example 16

Project: *InvenioRDM-at-NU* Author: *galterlibrary* File: *test_views.py* MIT License 6 vo

```
def test_missing_data_returns_errors(client):
    response = client.post(
        '/contact-us',
        data={
            'name': 'Jane Smith',
            'email': 'jane@example.com',
            'subject': 'A subject'
            # missing 'message'
        },
        follow_redirects=True
    )
    html_tree = html.fromstring(response.get_data(as_text=True))
    error_li = html_tree.cssselect('ul.errors li')[0]

    assert error_li.text_content() == "This field is required."
    assert request.path == '/contact-us'
```

Example 17

Project: *InvenioRDM-at-NU* Author: *galterlibrary* File: *test_views.py* MIT License 6 vo

```
def test_successful_form_completion_redirects_to_front_page_w_flash(client):
    response = client.post(
        '/contact-us',
        data={
            'name': 'Jane Smith',
            'email': 'jane@example.com',
            'subject': 'A subject',
            'message': 'A message'
        },
        follow_redirects=True
    )
    html_tree = html.fromstring(response.get_data(as_text=True))
    alert = html_tree.cssselect('div.alert-success')[0]

    assert request.path == '/'
    assert (
        "Thank you for contacting us. We will be in touch soon!" in
        alert.text_content()
    )
```

Example 18

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_apply_missing_module(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
        expected_body = {
            'error': "[Errno 2] No such file or directory: '" +
                     test_files_location + "/fake_test_module'"
        }
```

```
        with app.test_request_context('/v1/fake_test_module/test_workspace', metho
            self.assertEqual(request.path, '/v1/fake_test_module/test_workspace')
            return_body, terraform_return_code = apply_terraform("fake_test_module
            self.assertEqual(terraform_return_code, 404)
            self.assertEqual(return_body.json, expected_body)
```

Example 19

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_destroy_missing_module(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
        expected_body = {
            'error': "[Errno 2] No such file or directory: '" +
                     test_files_location + "/fake_test_module'"
        }
        with app.test_request_context('/v1/fake_test_module/test_workspace', metho
            self.assertEqual(request.path, '/v1/fake_test_module/test_workspace')
            return_body, terraform_return_code = destroy_terraform("fake_test_modu
            self.assertEqual(terraform_return_code, 404)
            self.assertEqual(return_body.json, expected_body)
```

Example 20

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_apply_run(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
        with app.test_request_context('/v1/working_test/test_workspace', method='P
            self.assertEqual(request.path, '/v1/working_test/test_workspace')
            return_body, terraform_return_code = apply_terraform("working_test", '
            self.assertEqual(terraform_return_code, 200)
```

Example 21

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_destroy_run(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
        self.test_terraformize_endpoint_apply_run()
        with app.test_request_context('/v1/working_test/test_workspace', method='D
            self.assertEqual(request.path, '/v1/working_test/test_workspace')
            return_body, terraform_return_code = destroy_terraform("working_test",
            self.assertEqual(terraform_return_code, 200)
```

Example 22

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_apply_raise_exception(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
```

```
        with app.test_request_context('/v1/non_runnable_test/test_workspace', meth
            self.assertEqual(request.path, '/v1/non_runnable_test/test_workspace'
            return_body, terraform_return_code = apply_terraform("non_runnable_tes
            self.assertEqual(terraform_return_code, 400)
```

Example 23

Project: *terraformize* Author: *naorlivne* File: *test_terraformize_endpoint.py* GNU Lesser General Public License v3.0 5 vo

```
def test_terraformize_endpoint_health_check_get(self):
        configuration["terraform_modules_path"] = test_files_location
        configuration["terraform_binary_path"] = test_bin_location
        with app.test_request_context('/v1/health', method='GET'):
            self.assertEqual(request.path, '/v1/health')
            return_body, terraform_return_code = health_check()
            self.assertEqual(terraform_return_code, 200)
            self.assertEqual(return_body.json, {"healthy": True})
```

Example 24

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 5 vo

```
def dump_zmirror_snapshot(folder="error_dump", msg=None, our_response=None):
    """
    dump当前状态到文件
    :param folder: 文件夹名
    :type folder: str
    :param our_response: Flask返回对象, 可选
    :type our_response: Response
    :param msg: 额外的信息
    :type msg: str
    :return: dump下来的文件绝对路径
    :rtype: Union[str, None]
    """
    import pickle
    try:
        if not os.path.exists(zmirror_root(folder)):
            os.mkdir(zmirror_root(folder))
        _time_str = datetime.now().strftime('snapshot_%Y-%m-%d_%H-%M-%S')

        import config

        snapshot = {
            "time": datetime.now(),
            "parse": parse.dump(),
            "msg": msg,
            "traceback": traceback.format_exc(),
            "config": attributes(config, to_dict=True),
            "FlaskRequest": attributes(request, to_dict=True),
        }
        if our_response is not None:
            our_response.freeze()
        snapshot["OurResponse"] = our_response

        dump_file_path = os.path.abspath(os.path.join(zmirror_root(folder), _time

        with open(dump_file_path, 'wb') as fp:
            pickle.dump(snapshot, fp, pickle.HIGHEST_PROTOCOL)
        return dump_file_path
```

```
    except:
        return None
```

Example 25

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 5 vo

```
def load_ip_whitelist_file():
    """从文件加载ip白名单"""
    set_buff = set()
    if os.path.exists(zmirror_root(human_ip_verification_whitelist_file_path)):
        with open(zmirror_root(human_ip_verification_whitelist_file_path), 'r', en
            set_buff.add(fp.readline().strip())
    return set_buff
```

Example 26

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 5 vo

```
def response_cookies_deep_copy():
    """
    It's a BAD hack to get RAW cookies headers, but so far, we don't have better w
    We'd go DEEP inside the urllib's private method to get raw headers

    raw_headers example:
    [('Cache-Control', 'private'),
    ('Content-Length', '48234'),
    ('Content-Type', 'text/html; Charset=utf-8'),
    ('Server', 'Microsoft-IIS/8.5'),
    ('Set-Cookie','BoardList=BoardID=Show; expires=Mon, 02-May-2016 16:00:00 GMT;
    ('Set-Cookie','aspsky=abcefgh; expires=Sun, 24-Apr-2016 16:00:00 GMT; path=/;
    ('Set-Cookie', 'ASPSESSIONIDSCSSDSSQ=OGKMLAHDHBFDJCDMGBOAGOMJ; path=/'),
    ('X-Powered-By', 'ASP.NET'),
    ('Date', 'Tue, 26 Apr 2016 12:32:40 GMT')]

    """
    raw_headers = parse.remote_response.raw._original_response.headers._headers
    header_cookies_string_list = []
    for name, value in raw_headers:
        if name.lower() == 'set-cookie':
            if my_host_scheme == 'http://':
                value = value.replace('Secure;', '')
                value = value.replace(';Secure', ';')
                value = value.replace('; Secure', ';')
            if 'httponly' in value.lower():
                if enable_aggressive_cookies_path_rewrite:
                    # 暴力cookie path重写, 把所有path都重写为 /
                    value = regex_cookie_path_rewriter.sub('path=/;', value)
                elif enable_aggressive_cookies_path_rewrite is not None:
                    # 重写HttpOnly Cookies的path到当前url下
                    # eg(/extdomains/a.foobar.com): path=/verify; -> path=/extdom

                    if parse.remote_domain not in domain_alias_to_target_set:  # c
                        value = regex_cookie_path_rewriter.sub(
                            '\g<prefix>=/extdomains/' + parse.remote_domain + '\g<

            header_cookies_string_list.append(value)
    return header_cookies_string_list
```

Example 27

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 5 vo

```
def filter_client_request():
    """过滤用户请求, 视情况拒绝用户的访问
    :rtype: Union[Response, None]
    """
    dbgprint('Client Request Url: ', request.url)

    # crossdomain.xml
    if os.path.basename(request.path) == 'crossdomain.xml':
        dbgprint('crossdomain.xml hit from', request.url)
        return crossdomain_xml()

    # Global whitelist ua
    if check_global_ua_pass(str(request.user_agent)):
        return None

    if is_deny_spiders_by_403 and is_denied_because_of_spider(str(request.user_age
        return generate_simple_resp_page(b'Spiders Are Not Allowed To This Site',

    if human_ip_verification_enabled and (
                ((human_ip_verification_whitelist_from_cookies or enable_custom_ac
                 and must_verify_cookies)
            or is_ip_not_in_allow_range(request.remote_addr)
    ):
        dbgprint('ip', request.remote_addr, 'is verifying cookies')
        if 'zmirror_verify' in request.cookies and \
                ((human_ip_verification_whitelist_from_cookies and verify_ip_hash_
                 or (enable_custom_access_cookie_generate_and_verify and custom_ve
                     request.cookies.get('zmirror_verify'), request))):
            ip_whitelist_add(request.remote_addr, info_record_dict=request.cookies
            dbgprint('add to ip_whitelist because cookies:', request.remote_addr)
        else:
            return redirect(
                "/ip_ban_verify_page?origin=" + base64.urlsafe_b64encode(str(reque
                    encoding='utf-8'),
                code=302)

    return None
```

Example 28

Project: *zmirror* Author: *aploium* File: *zmirror.py* MIT License 5 vo

```
def assemble_parse():
    """将用户请求的URL解析为对应的目标服务器URL"""
    _temp = decode_mirror_url()
    parse.remote_domain = _temp['domain']  # type: str
    parse.is_https = _temp['is_https']  # type: bool
    parse.remote_path = _temp['path']  # type: str
    parse.remote_path_query = _temp['path_query']  # type: str
    parse.is_external_domain = is_external_domain(parse.remote_domain)
    parse.remote_url = assemble_remote_url()  # type: str
    parse.url_no_scheme = parse.remote_url[parse.remote_url.find('//') + 2:]  # ty

    recent_domains[parse.remote_domain] = True  # 写入最近使用的域名

    dbgprint('after assemble_parse, url:', parse.remote_url, '   path_query:', par
```

Example 29

Project: *pnp* Author: *HazardDede* File: *http.py* MIT License 5 vo

```
def _create_app(self):
        that = self
        flask = load_optional_module('flask', self.EXTRA)
        app = flask.Flask(__name__)

        if self.server_impl == 'flask':
            # We need to register a shutdown endpoint, to end the serving if using
            # development server
            @app.route('/_shutdown', methods=['DELETE'])
            def shutdown():  # pylint: disable=unused-variable
                from flask import request
                func = request.environ.get('werkzeug.server.shutdown')
                if func is None:
                    raise RuntimeError('Not running with the Werkzeug Server')  #
                func()
                return json.dumps({'success': True}), 200, {'ContentType': 'applic

        @app.route('/', defaults={'path': '/'}, methods=self.allowed_methods)
        @app.route('/<path:path>', methods=self.allowed_methods)
        def catch_all(path):  # pylint: disable=unused-variable
            from flask import request
            data = request.get_json(force=True, silent=True)
            if data is None:  # No valid json in request body > fallback to data
                data = request.data if request.data != b'' else None

            payload = dict(
                endpoint=path,
                levels=["/"] if path == "/" else path.split('/'),
                method=request.method,
                query=self._flatten_query_args(dict(request.args)),
                data=data,
                is_json=isinstance(data, dict),
                url=request.url,
                full_path=request.full_path,
                path=request.path
            )
            that.notify(payload)

            return json.dumps({'success': True}), 200, {'ContentType': 'applicatio

        return app
```

Example 30

Project: *gvs-public* Author: *statgen* File: *exac.py* MIT License 5 vo

```
def get_coverages():
    if not hasattr(get_coverages, '_cache'):
        coverages = CoverageCollection()
        for coverage in app.config['BASE_COVERAGE']:
            coverages.setTabixPath(coverage['min-length-bp'], coverage['max-length
        coverages.openAll()
        get_coverages._cache = coverages
    return get_coverages._cache
```

Example 31

Project: *gvs-public* Author: *statgen* File: *exac.py* MIT License 5 vo

```
def load_dbsnp_file():
    db = get_db()

    db.dbsnp.drop()
    db.dbsnp.ensure_index('rsid') # It seems faster to build these indexes before
    db.dbsnp.ensure_index('xpos')
    start_time = time.time()
    dbsnp_file = app.config['DBSNP_FILE']

    print "Loading dbsnp from %s" % dbsnp_file
    if os.path.isfile(dbsnp_file + ".tbi"):
        with contextlib.closing(multiprocessing.Pool(app.config['LOAD_DB_PARALLEL_
            # workaround for Pool.map() from <http://stackoverflow.com/a/1408476/1
            pool.map_async(_load_dbsnp_from_tabix_file_and_contig, get_tabix_file_
        print('Done loading dbSNP in {:,} seconds'.format(int(time.time() - start_

    elif os.path.isfile(dbsnp_file):
        # see if non-tabixed .gz version exists
        print(("WARNING: %(dbsnp_file)s.tbi index file not found. Will use single
               "To create a tabix-indexed dbsnp file based on UCSC dbsnp, do: \n"
               "   wget http://hgdownload.soe.ucsc.edu/goldenPath/hg19/database/sn
               "   gzcat snp141.txt.gz | cut -f 1-5 | bgzip -c > snp141.txt.bgz \n
               "   tabix -0 -s 2 -b 3 -e 4 snp141.txt.bgz") % locals())
        with gzip.open(dbsnp_file) as f:
            db.dbsnp.insert((snp for snp in get_snp_from_dbsnp_file(f)), w=0)

    else:
        raise Exception("dbsnp file %s(dbsnp_file)s not found." % locals())
```

Example 32

Project: *password_pwncheck* Author: *CboeSecurity* File: *password-pwncheck.py* MIT License 5 vo

```
def StaticRequests():
    reqfile = request.path[1:]
    sp = os.path.join(app.root_path,cfg.staticdir)
    mimetype=None
    if reqfile == 'image.svg':
        mimetype = 'image/svg+xml'
    return send_from_directory(sp,reqfile,mimetype=mimetype)
```

Example 33

Project: *password_pwncheck* Author: *CboeSecurity* File: *password-pwncheck.py* MIT License 5 vo

```
def catch_all(path):
    return redirect('https://www.youtube.com/watch?v=dQw4w9WgXcQ' ,code=301)

##############################################################
#################### MAIN ####################################
##############################################################
```

Example 34

Project: *ambassador-auth-httpjwt* Author: *datawire* File: *app.py* Apache License 2.0 5 vo

```
def handle_authorization(path):
    return Response(status=200)
```

Example 35

Project: *injuben* Author: *injuben* File: *in_juben.py* MIT License 5 vo

```
def cached(timeout=0):
    def decorator(route):
        @wraps(route)
        def decorated_method(*args, **kwargs):
            key = 'route_{}'.format(request.path)
            value = cache.get(key)
            if value is None:
                value = route(*args, **kwargs)
                cache.set(key, value, timeout=timeout)
            return value
        return decorated_method
    return decorator
```

Example 36

Project: *injuben* Author: *injuben* File: *in_juben.py* MIT License 5 vo

```
def examples(path):
    f = open("examples/" + path, "r")
    r = make_response(f.read())
    f.close()
    r.headers['Content-Type'] = 'text/plain; charset=UTF-8'
    return r
```

Example 37

Project: *Quiver-alfred* Author: *danielecook* File: *flask_utils.py* MIT License 5 vo

```
def get_current_url():
    if not request.query_string:
        return request.path
    return '%s?%s' % (request.path, request.query_string)
```

Example 38

Project: *Quiver-alfred* Author: *danielecook* File: *flask_utils.py* MIT License 5 vo

```
def _load_from_config_dict(self, config_dict):
        try:
            name = config_dict.pop('name')
            engine = config_dict.pop('engine')
        except KeyError:
            raise RuntimeError('DATABASE configuration must specify a '
                               '`name` and `engine`.')

        if '.' in engine:
            path, class_name = engine.rsplit('.', 1)
        else:
            path, class_name = 'peewee', engine

        try:
            __import__(path)
            module = sys.modules[path]
            database_class = getattr(module, class_name)
            assert issubclass(database_class, Database)
        except ImportError:
            raise RuntimeError('Unable to import %s' % engine)
        except AttributeError:
```

```
            raise RuntimeError('Database engine not found %s' % engine)
        except AssertionError:
            raise RuntimeError('Database engine not a subclass of '
                               'peewee.Database: %s' % engine)

        return database_class(name, **config_dict)
```

Example 39

Project: *anime-birb-uk* Author: *Arctice* File: *frontend.py* Apache License 2.0 5 vo

```
def static_redirect():
    return send_from_directory(app.static_folder, request.path[1:])
```

Example 40

Project: *zwift-offline* Author: *zoffline* File: *zwift_offline.py* GNU General Public License v3.0 5 vo

```
def api_profiles_me():
    profile_file = '%s/profile.bin' % STORAGE_DIR
    if not os.path.isfile(profile_file):
        profile = profile_pb2.Profile()
        profile.id = 1000
        profile.is_connected_to_strava = True
        return profile.SerializeToString(), 200
    with open(profile_file, 'rb') as fd:
        return fd.read()


# FIXME (not going to fix unless really bored): only supports 1 profile
```

Example 41

Project: *zwift-offline* Author: *zoffline* File: *zwift_offline.py* GNU General Public License v3.0 5 vo

```
def launch_zwift():
    # Zwift client has switched to calling https://launcher.zwift.com/launcher/ric
    if request.path != "/ride" and not os.path.exists(AUTOLAUNCH_FILE):
        return redirect(NOAUTO_EMBED, 302)
    else:
        return redirect("http://zwift/?code=zwift_refresh_token%s" % REFRESH_TOKEN
```

Example 42

Project: *flask-monitor* Author: *fraoustin* File: *main.py* GNU General Public License v2.0 5 vo

```
def _dict(self):
        mydict = {}
        # manage timing
        mydict['timing'] = {}
        mydict['timing']['delta'] = self.timing
        mydict['timing']['start'] = self.request._stats_start_event
        mydict['timing']['asctime'] = asctime(gmtime(self.request._stats_start_eve
        # manage flask
        mydict['flask'] = {}
        mydict['flask']['secret_key'] = current_app.config['SECRET_KEY']
        mydict['flask']['server_name'] = current_app.config['SERVER_NAME']
        mydict['flask']['session_cookie_name'] = current_app.config['SESSION_COOKI
        mydict['flask']['session_cookie_domain'] = current_app.config['SESSION_COO
        mydict['flask']['session_cookie_path'] = current_app.config['SESSION_COOKI
```

```
        mydict['flask']['session_cookie_httponly'] = current_app.config['SESSION_C
        mydict['flask']['session_cookie_secure'] = current_app.config['SESSION_COC
        mydict['flask']['session_refresh_each_request'] = current_app.config['SESS
        # manage request
        mydict['request'] = {}
        mydict['request']['url'] = request.url
        mydict['request']['args'] = {arg: request.args.get(arg) for arg in request
        mydict['request']['view_args'] = request.view_args
        mydict['request']['path'] = request.path
        mydict['request']['method'] = request.method
        mydict['request']['remote_addr'] = request.remote_addr
        try:
            mydict['request']['rule'] = request.url_rule.rule
        except:
            mydict['request']['rule'] = ''
        #manage response
        mydict['response'] = {}
        mydict['response']['status_code'] = self.response.status_code
        mydict['response']['headers'] = { i:j for i,j in self.response.headers}
        return mydict
```

Example 43

Project: *globomap-core-loader* Author: *globocom* File: *driver_api.py* Apache License 2.0 5 vo

```
def post(self):
        """Post a list of messages."""

        try:
            data = request.get_json()
            driver_name = request.headers.get('X-DRIVER-NAME', '*')
            job_controller = request.headers.get(
                'X-JOB-CONTROLLER', '0') == '1'
            job_id = LoaderAPIFacade().publish_updates(data, driver_name, job_cont
            res = {
                'message': 'Updates published successfully',
            }
            if job_id:
                res.update({'jobid': job_id})

            return res, 202, {'Location': '{}/job/{}'.format(request.path, job_id

        except ValidationError as error:
            app.logger.exception('Error sending updates to rabbitmq')
            api.abort(400, errors=util.validate(error))
        except BadRequest as err:
            app.logger.exception('Error sending updates to rabbitmq')
            api.abort(400, errors=err.description)
        except:
            app.logger.exception('Error sending updates to rabbitmq')
            res = {'message': 'Error sending updates to queue'}
            return api.abort(500, errors=res)
```

Example 44

Project: *Akeso* Author: *ameserole* File: *scoreboard.py* MIT License 5 vo

```
def scoreboard_view():
    if utils.get_config('view_scoreboard_if_authed') and not utils.authed():
        return redirect(url_for('auth.login', next=request.path))
    if utils.hide_scores():
```

```
        return render_template('scoreboard.html', errors=['Scores are currently hi
    standings = get_standings()
    return render_template('scoreboard.html', teams=standings, score_frozen=utils.
```

Example 45

Project: *Akeso* Author: *ameserole* File: *scoreboard.py* MIT License 5 vo

```
def scores():
    json = {'standings': []}
    if utils.get_config('view_scoreboard_if_authed') and not utils.authed():
        return redirect(url_for('auth.login', next=request.path))
    if utils.hide_scores():
        return jsonify(json)

    standings = get_standings()

    for i, x in enumerate(standings):
        json['standings'].append({'pos': i + 1, 'id': x.teamid, 'team': x.name, 's
    return jsonify(json)
```

Example 46

Project: *Akeso* Author: *ameserole* File: *views.py* MIT License 5 vo

```
def redirect_setup():
    if request.path.startswith("/static"):
        return
    if not utils.is_setup() and request.path != "/setup":
        return redirect(url_for('views.setup'))
```

Example 47

Project: *Akeso* Author: *ameserole* File: *views.py* MIT License 5 vo

```
def team(teamid):
    if utils.get_config('view_scoreboard_if_utils.authed') and not utils.authed():
        return redirect(url_for('auth.login', next=request.path))
    errors = []
    freeze = utils.get_config('freeze')
    user = Teams.query.filter_by(id=teamid).first_or_404()
    solves = Solves.query.filter_by(teamid=teamid)
    awards = Awards.query.filter_by(teamid=teamid)

    place = user.place()
    score = user.score()

    if freeze:
        freeze = utils.unix_time_to_utc(freeze)
        if teamid != session.get('id'):
            solves = solves.filter(Solves.date < freeze)
            awards = awards.filter(Awards.date < freeze)

    solves = solves.all()
    awards = awards.all()

    db.session.close()

    if utils.hide_scores() and teamid != session.get('id'):
        errors.append('Scores are currently hidden')
```

```
    if errors:
        return render_template('team.html', team=user, errors=errors)

    if request.method == 'GET':
        return render_template('team.html', solves=solves, awards=awards, team=use
    elif request.method == 'POST':
        json = {'solves': []}
        for x in solves:
            json['solves'].append({'id': x.id, 'chal': x.chalid, 'team': x.teamid}
        return jsonify(json)
```

Example 48

Project: *Akeso* Author: *ameserole* File: *utils.py* MIT License 5 vo

```
def init_logs(app):
    logger_keys = logging.getLogger('keys')
    logger_logins = logging.getLogger('logins')
    logger_regs = logging.getLogger('regs')

    logger_keys.setLevel(logging.INFO)
    logger_logins.setLevel(logging.INFO)
    logger_regs.setLevel(logging.INFO)

    try:
        parent = os.path.dirname(__file__)
    except:
        parent = os.path.dirname(os.path.realpath(sys.argv[0]))

    log_dir = os.path.join(parent, 'logs')
    if not os.path.exists(log_dir):
        os.makedirs(log_dir)

    logs = [
        os.path.join(parent, 'logs', 'keys.log'),
        os.path.join(parent, 'logs', 'logins.log'),
        os.path.join(parent, 'logs', 'registers.log')
    ]

    for log in logs:
        if not os.path.exists(log):
            open(log, 'a').close()

    key_log = logging.handlers.RotatingFileHandler(os.path.join(parent, 'logs', '
    login_log = logging.handlers.RotatingFileHandler(os.path.join(parent, 'logs',
    register_log = logging.handlers.RotatingFileHandler(os.path.join(parent, 'log

    logger_keys.addHandler(key_log)
    logger_logins.addHandler(login_log)
    logger_regs.addHandler(register_log)

    logger_keys.propagate = 0
    logger_logins.propagate = 0
    logger_regs.propagate = 0
```

Example 49

Project: *Akeso* Author: *ameserole* File: *utils.py* MIT License 5 vo

```
def get_themes():
    dir = os.path.join(app.root_path, app.template_folder)
    return [name for name in os.listdir(dir)
            if os.path.isdir(os.path.join(dir, name)) and name != 'admin']
```

Example 50

Project: *Akeso* Author: *ameserole* File: *utils.py* MIT License 5 vo

```
def get_configurable_plugins():
    dir = os.path.join(app.root_path, 'plugins')
    return [name for name in os.listdir(dir)
            if os.path.isfile(os.path.join(dir, name, 'config.html'))]
```