

Python `flask.request.url_root()` Examples

The following are code examples for showing how to use `flask.request.url_root()`. 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: [ltibootcamp](#) Author: [claudevervoort](#) File: [lti_platform.py](#) [Apache License 2.0](#)

6 vc

```
def get_access_token():
    if request.form['client_assertion_type'] != 'urn:ietf:params:oauth:client-asse
        abort(400)
    if request.form['grant_type'] != 'client_credentials':
        abort(400)
    if not request.form.get('scope'):
        abort(400)
    assertion_jwt = request.form['client_assertion']
    client_id = jwt.decode(assertion_jwt, verify=False)['iss']
    tool = platform.get_tool(client_id)
    jwt.decode(assertion_jwt,
                tool.getPublicKey().exportKey(),
                algorithms=['RS256'],
                audience='{0}/auth/token'.format(request.url_root.rstrip('/')))

    access_token = new_token(client_id, request.form['scope'])
    return jsonify({
        "access_token" : access_token.id,
        "token_type" : "Bearer",
        "expires_in" : access_token.expires_in
    })
```

Example 2

Project: [voice-quickstart-server-python](#) Author: [twilio](#) File: [server.py](#) [MIT License](#)

6 vc

```
def placeCall():
    account_sid = os.environ.get("ACCOUNT_SID", ACCOUNT_SID)
    api_key = os.environ.get("API_KEY", API_KEY)
    api_key_secret = os.environ.get("API_KEY_SECRET", API_KEY_SECRET)

    client = Client(api_key, api_key_secret, account_sid)
    to = request.values.get("to")
    call = None

    if to is None or len(to) == 0:
        call = client.calls.create(url=request.url_root + 'incoming', to='client:' +
    elif to[0] in "+1234567890" and (len(to) == 1 or to[1:].isdigit()):
        call = client.calls.create(url=request.url_root + 'incoming', to=to, from_=CA
    else:
        call = client.calls.create(url=request.url_root + 'incoming', to='client:' +
    return str(call)
```

Example 3

Project: [python-flask-restful-api](#) Author: [akashtalole](#) File: [request_context_task.py](#) [MIT License](#)

6 vc

```
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 4

Project: *age-of-empires-II-api* Author: *aalises* File: *unit.py* BSD 3-Clause "New" or "Revised" License 6 vc

```
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
            ('armor_bonus', self.armor_bonus.split(";") if 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 5

Project: *age-of-empires-II-api* Author: *aalises* File: *civilization.py* BSD 3-Clause "New" or "Revised" License 6 vc

```
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.
    ),
    ('unique_tech', self.parse_array_field(self.unique_tech)
    if not self.technology.first()
    else ['{}technology/{}'.format(request.url_root + request.
        self.format_name_to_query(self.technology.first().r
    ),
    ('team_bonus', self.team_bonus),
    ('civilization_bonus', self.civilization_bonus.split(";"))
    ]
    return OrderedDict(civilization)

```

Example 6

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).f

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

```

Example 7

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

6 vc

```

def advisory_atom():
    last_recent_entries = 15
    data = get_advisory_data()['published'][last_recent_entries:]
    feed = AtomFeed('Arch Linux Security - Recent advisories',
        feed_url=request.url, url=request.url_root)

    for entry in data:
        advisory = entry['advisory']
        package = entry['package']
        title = '{} {}'.format(advisory.id, package.pkgname, advisory.advisc

        feed.add(title=title,
            content=render_template('feed.html', content=advisory.content),
            content_type='html',
            summary=render_template('feed.html', content=advisory.impact),
            summary_tpe='html',
            author='Arch Linux Security Team',
            url=TRACKER_ISSUE_URL.format(advisory.id),
            published=advisory.created,
            updated=advisory.created)
    return feed.get_response()

```

Example 8

```
def get(self, hash):
    path = 'static' + os.sep + 'client.zip'
    try:
        os.remove(path)
    except:
        None
    zip = zipfile.ZipFile(path, 'w', zipfile.ZIP_DEFLATED)
    for root, dirs, files in os.walk(CLIENT_FOLDER):
        for f in files:
            zip.write(os.path.join(root, f))
    zip.close()

    client = open(path).read()

    if hash == hashlib.md5(client).hexdigest():
        return {"err": "invalid request"}, 400
    else:
        return {"url": request.url_root + path}, 200
```

Example 9

```
def _feed_json():
    posts = []
    for post in post_service.get_published_posts():
        data = dict(author=post.user.username,
                    html=markdown.convert(post.html),
                    url=urljoin(request.url_root, '/post/' + post.slug),
                    updated=post.updated,
                    published=post.created
                    )
        posts.append(data)

    rss = {
        'sitename': config.sitename(),
        'site': request.url_root,
        'updated': datetime.now(),
        'description': config.description(),
        'posts': posts
    }
    return rss
```

Example 10

```
def entityMain(entity_name):
    basic_url = "%s" % (request.base_url)
    entity = {}
    pipeline = LinkedDataEntityPipeline(entity_name, name="LinkedData Pipeline")
    pipeline.execute()
    output = pipeline.getOutput()

    uniqueUri = output.get('entity-uri', {}).get('uri', None)
    entityName = entity_name

    if uniqueUri:
        uniqueName = uniqueUri.replace("http://dbpedia.org/resource/", "")
```

```

        basic_url = "%sentities/%s" % (request.url_root, uniqueName)
        entityName = uniqueName
        entity["redirected_from"] = request.base_url

    entity["name"] = entityName
    entity["types_uri"] = "%s/%s" % (basic_url, "types")
    entity["properties_uri"] = "%s/%s" % (basic_url, "properties")
    result = {
        "data": entity,
        "uri": basic_url
    }
    json_response = json.dumps(result)
    return Response(json_response, mimetype="application/json")

```

Example 11

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

6 vc

```

def get(self):
    title = SITE['title']
    subtitle = SITE['subtitle']
    feed = AtomFeed(
        '%s' % (title),
        feed_url=request.url,
        url=request.url_root,
        subtitle=subtitle)
    articles = Article.query.limit(10)
    for article in articles:
        feed.add(
            article.title,
            article.to_html(),
            content_type='html',
            author=article.user.username,
            url=urljoin(request.url_root,
                        url_for('blog.article', pk=article.id)),
            updated=article.updated_at,
            published=article.created_at)
    return feed.get_response()

```

Example 12

Project: *roadie-python* Author: *sphildreth* File: *m3u.py* MIT License

6 vc

```

def makeTrackInfo(user, release, track):
    if not user or not release or not track:
        return None
    return {
        'Length': str(math.ceil(track.duration)),
        'LengthFormatted': format_tracktime(track.duration),
        'ArtistId': str(release.artist.roadieId) if not track.artist else str(
            'ArtistName': release.artist.name if not track.artist else track.artis
        'ReleaseMediaNumber': track.releasemedia.releaseMediaNumber,
        'ReleaseTitle': release.title,
        'ReleaseYear': release.releaseDate.strftime('%Y'),
        'TrackNumber': track.trackNumber,
        'Title': track.title,
        'ReleaseId': str(release.roadieId),
        'UserId': str(user.roadieId),
        'TrackId': str(track.roadieId),
        'Rating': track.rating,
        'PlayedCount': track.playedCount,
    }

```

```
        'StreamUrl': request.url_root + "stream/track/" + str(user.roadieId)
    }
```

Example 13

Project: *prompt* Author: *derekbekoe* File: *app.py* MIT License

6 vc

```
def handle_login_token():
    code = request.args.get('code')
    state = request.args.get('state')
    auth_state = session.get('auth_state')
    if auth_state != state:
        return myredirect('login', code=307)
    redirect_uri = get_redirect_uri(request.url_root)
    authority_url = (AUTH_AUTHORITYURL + '/' + AUTH_TENANT)
    auth_context = AuthenticationContext(authority_url, api_version=None)
    token_response = auth_context.acquire_token_with_authorization_code(code, redi
    session['oid'] = token_response.get('oid')
    session['userId'] = token_response.get('userId')
    session['givenName'] = token_response.get('givenName')
    session['familyName'] = token_response.get('familyName')
    session['fullName'] = '{} {} {}'.format(token_response.get('givenName'), token_re
    return myredirect('/', code=307)
```

Example 14

Project: *CHN-Server* Author: *CommunityHoneyNetwork* File: *__init__.py* GNU Lesser General Public License v2.1

6 vc

```
def get_feed():
    from mhn.common.clio import Clio
    from mhn.auth import current_user
    authfeed = mhn.config['FEED_AUTH_REQUIRED']
    if authfeed and not current_user.is_authenticated():
        abort(404)
    feed = AtomFeed('MHN HpFeeds Report', feed_url=request.url,
                    url=request.url_root)
    sessions = Clio().session.get(options={'limit': 1000})
    for s in sessions:
        feedtext = u'Sensor "{identifier}" '
        feedtext += '{source_ip}:{source_port} on sensorip:{destination_port}.'
        feedtext = feedtext.format(**s.to_dict())
        feed.add('Feed', feedtext, content_type='text',
                published=s.timestamp, updated=s.timestamp,
                url=makeurl(url_for('api.get_session', session_id=str(s._id))))
    return feed
```

Example 15

Project: *the-example-app.py* Author: *contentful* File: *settings.py* MIT License

6 vc

```
def save_settings():
    space_id = request.values.get('spaceId', None)
    delivery_token = request.values.get('deliveryToken', None)
    preview_token = request.values.get('previewToken', None)
    editorial_features = bool(request.values.get('editorialFeatures', False))

    errors = check_errors(space_id, delivery_token, preview_token)

    if not errors:
```

```

        update_session_for('space_id', space_id)
        update_session_for('delivery_token', delivery_token)
        update_session_for('preview_token', preview_token)
        update_session_for('editorial_features', editorial_features)

    space = contentful().space(api_id())
    return render_with_globals(
        'settings',
        title=translate('settingsLabel', locale().code),
        errors=errors,
        has_errors=bool(errors),
        success=not bool(errors),
        space=space,
        host=request.url_root
    ), 201 if not errors else 409

```

Example 16

Project: *the-example-app.py* Author: *contentful* File: [settings.py](#) MIT License

6 vc

```

def reset_settings():
    session.pop('space_id', None)
    session.pop('delivery_token', None)
    session.pop('preview_token', None)
    session.pop('editorial_features', None)

    space = contentful().space(api_id())

    return render_with_globals(
        'settings',
        title=translate('settingsLabel', locale().code),
        errors={},
        has_errors=False,
        success=False,
        space=space,
        host=request.url_root
    )

```

Example 17

Project: *Nurevam* Author: *Maverun* File: [app.py](#) MIT License

5 vc

```

def confirm_login():
    log.info("Checking login...")
    # Check for state and for 0 errors
    state = session.get('oauth2_state')
    if not state or request.values.get('error'):
        return redirect(url_for('index'))

    # Fetch token
    discord = utils.make_session(state=state)
    discord_token = discord.fetch_token(
        data_info.TOKEN_URL,
        client_secret=data_info.OAUTH2_CLIENT_SECRET,
        authorization_response=request.url)
    if not discord_token:
        log.info("Not clear, returning")
        return redirect(url_for('index'))

    # Fetch the user
    user = utils.get_user(discord_token)

```

```

# Generate api_key from user_id
serializer = JSONWebSignatureSerializer(app.config['SECRET_KEY'])
api_key = str(serializer.dumps({'user_id': user['id']}))
# Store api_key
db.set('user:{}'.format(user['id']), api_key)
# Store token
db.set('user:{}'.format(user['id']), json.dumps(discord_token))
# Store api_token in client session
api_token = {
    'api_key': api_key,
    'user_id': user['id']
}

session.permanent = True
session['api_token'] = api_token
log.info("Clear, redirect...")
if data_info.last_path and data_info.last_path != request.url_root: #if if it
    path = data_info.last_path
    data_info.last_path = None
    return redirect(path)
data_info.last_path = None
return redirect(url_for('after_login'))

```

Example 18

Project: *Itibootcamp* Author: *claudivervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```

def url_root():
    return request.url_root.rstrip('/')

```

Example 19

Project: *Itibootcamp* Author: *claudivervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```

def newtool():
    tool = platform.new_tool()
    platform.url = request.url_root
    course_by_tool[tool.client_id] = platform.new_course()
    return jsonify({
        'access_token_endpoint': request.url_root.rstrip('/') + '/auth/token',
        'keyset_url': request.url_root.rstrip('/') + '/.well-known/jwks.json',
        'client_id': tool.client_id,
        'webkey': tool.key['webkey'],
        'webkeyPem': tool.key['key'].exportKey().decode('utf-8')
    })

```

Example 20

Project: *Itibootcamp* Author: *claudivervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```

def newtool_with_public_key():
    tool = platform.new_tool(public_key_pem=request.form['public_key_pem'],
                             redirect_uris=request.form['redirect_uris'].split(','),
    platform.url = request.url_root
    course_by_tool[tool.client_id] = platform.new_course()
    return jsonify({
        'access_token_endpoint': request.url_root.rstrip('/') + '/auth/token',
        'keyset_url': request.url_root.rstrip('/') + '/.well-known/jwks.json',
        'client_id': tool.client_id,

```



```
        'oidc_auth_endpoint': request.url_root.rstrip('/') + '/auth',
    })
```

Example 21

Project: *ltibootcamp* Author: *claudevervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```
def content_item_launch(tool_id, nonce=None, redirect_uri=None):
    course = course_by_tool[tool_id]
    instructor = course.roster.getInstructor()
    message = {}
    message[fdlc('deep_linking_settings')] = {
        "accept_types": ["ltiLink"],
        "accept_presentation_document_targets": ["iframe", "window"],
        "accept_multiple": True,
        "auto_create": True,
        "data": "op=321&v=44"
    }
    return_url = "/tool/{0}/dlr".format(course.id)
    return platform.get_tool(tool_id).message('LTIDeepLinkingRequest', course, ins
```

Example 22

Project: *ltibootcamp* Author: *claudevervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```
def content_item_return(context_id):
    encoded_jwt = request.form['jws_token']
    unverified = jwt.decode(encoded_jwt, verify=False)
    tool = platform.get_tool(unverified['iss'])
    deep_linking_res = jwt.decode(encoded_jwt,
        key=tool.getPublicKey().exportKey(),
        algorithms=['RS256'],
        audience=request.url_root.rstrip('/'))
    if (fdlc('content_items') in deep_linking_res):
        content_items = deep_linking_res[fdlc('content_items')]
        platform.get_course(context_id).addResourceLinks(tool, content_items)
    return redirect('/course/'+context_id, code=302)
```

Example 23

Project: *ltibootcamp* Author: *claudevervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```
def get_lineitem(context_id=None, item_id=None, client_id=None):
    # we are not checking media type because the URL is enough of a discriminator
    lineitem = get_and_check_lineitem(context_id, item_id, client_id)
    return jsonify(lineitem.get_json(url_root()))
```

Example 24

Project: *ltibootcamp* Author: *claudevervoort* File: *lti_platform.py* Apache License 2.0

5 vc

```
def update_lineitem(context_id=None, item_id=None, client_id=None):
    # we are not checking media type because the URL is enough of a discriminator
    lineitem = get_and_check_lineitem(context_id, item_id, client_id)
    lineitem.update_from_json(request.get_json())
    return jsonify(lineitem.get_json(url_root()))
```

Example 25

```
def get_lineitems(context_id=None, client_id=None):
    # we are not checking media type because the URL is enough of a discriminator
    tool = platform.get_tool(client_id)
    course = platform.get_course(context_id)
    results = list(map(lambda l: l.get_json(url_root()), filter(lambda l: l.tool=
    return jsonify(results)
```

Example 26

```
def add_lineitem(context_id=None, client_id=None):
    # we are not checking media type because the URL is enough of a discriminator
    tool = platform.get_tool(client_id)
    course = platform.get_course(context_id)
    lineitem = course.add_lineitem(tool, request.get_json())
    return jsonify(lineitem.get_json(url_root()))
```

Example 27

```
def _generate_meta():
    """
    Generate Meta information for export
    """
    d = {'root_url': request.url_root}
    return d
```

Example 28

```
def request_password_reset():
    """Request a password reset."""
    form = RequestPasswordResetForm(request.form)
    if not form.validate():
        return request_password_reset_form(form)

    screen_name = form.screen_name.data.strip()
    user = user_service.find_user_by_screen_name(
        screen_name, case_insensitive=True
    )

    if user is None:
        flash_error(f'Der Benutzername "{screen_name}" ist unbekannt.')
        return request_password_reset_form(form)

    if not user.email_address_verified:
        flash_error(
            f'Die E-Mail-Adresse für das Benutzerkonto "{screen_name}" '
            'wurde noch nicht bestätigt.'
        )
        return redirect_to('user_email_address.request_confirmation_email')

    sender = None
    if get_site_mode().is_public():
        site = site_service.get_site(g.site_id)
```

```

        email_config = email_service.get_config(site.email_config_id)
        sender = email_config.sender

    password_reset_service.prepare_password_reset(
        user, request.url_root, sender=sender
    )

    flash_success(
        'Ein Link zum Setzen eines neuen Passworts '
        f'für den Benutzernamen "{user.screen_name}" '
        'wurde an die hinterlegte E-Mail-Adresse versendet.'
    )
    return request_password_reset_form()

```

Example 29

Project: *oa_qian* Author: *sunqb* File: *flask_openid.py* [Apache License 2.0](#)

5 vc

```

def get_next_url(self):
    """Returns the URL where we want to redirect to. This will
    always return a valid URL.
    """
    return (
        self.check_safe_root(request.values.get('next')) or
        self.check_safe_root(request.referrer) or
        (self.fallback_endpoint and
         self.check_safe_root(url_for(self.fallback_endpoint))) or
        request.url_root
    )

```

Example 30

Project: *oa_qian* Author: *sunqb* File: *flask_openid.py* [Apache License 2.0](#)

5 vc

```

def check_safe_root(self, url):
    if url is None:
        return None
    if self.safe_roots is None:
        return url
    if url.startswith(request.url_root) or url.startswith('/'):
        # A URL inside the same app is deemed to always be safe
        return url
    for safe_root in self.safe_roots:
        if url.startswith(safe_root):
            return url
    return None

```

Example 31

Project: *short* Author: *sqozz* File: *short.py* [Creative Commons Zero v1.0 Universal](#)

5 vc

```

def short(shortLink=""):
    if request.method == "GET":
        if shortLink:
            noauto = shortLink[-1] == "+"
            if noauto: shortLink = shortLink[:-1]
            conn = sqlite3.connect("data/links.sqlite")
            c = conn.cursor()
            result = c.execute('SELECT longLink FROM links WHERE short
                                conn.close()

```

```

        if result:
            url = result[0]
            parsedUrl = urlparse(url)
            if parsedUrl.scheme == "":
                url = "http://" + url

            if "resolve" in request.args:
                return escape(url)
            else:
                if noauto:
                    url = str(escape(url))
                    html = "<a href=" + url + ">" + ur
                    return html
                else:
                    return redirect(url, code=301) # F

    else:
        return render_template("index.html", name=shortLir
    else:
        return render_template("index.html", name=shortLink) # Lar
elif request.method == "POST": # Someone submitted a new link to short
    longUrl = request.form.get("url", "")
    wishId = request.form.get("wishId")
    if len(longUrl) <= 0:
        abort(400)

    databaseId = insertIdUnique(longUrl, idToCheck=wishId)
    return request.url_root + databaseId # Short link in plain text

```

Example 32

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

5 vc

```

def send_invite_email(invite, organisation):

    TEMPLATE_FILE = 'invite_email.txt'
    template = get_email_template(TEMPLATE_FILE)
    email = parse.quote(invite.email, safe='')
    body = template.render(host=request.url_root,
                           organisation_name=organisation.name,
                           referral_code=invite.referral_code,
                           email=email)

    ses_email_handler(invite.email, 'Sempo: Invite to Join!', body)

```

Example 33

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

5 vc

```

def send_activation_email(activation_token, email_address):

    TEXT_TEMPLATE_FILE = 'account_activation_email.txt'
    text_template = get_email_template(TEXT_TEMPLATE_FILE)
    textbody = text_template.render(host=request.url_root, activation_token=activ

    HTML_TEMPLATE_FILE = 'account_activation_email.html'
    html_template = get_email_template(HTML_TEMPLATE_FILE)
    htmlbody = html_template.render(host=request.url_root, activation_token=activ

    ses_email_handler(email_address, 'Sempo: Activate your account', textbody, htn

```

Example 34

Project: *SempoBlockchain* Author: *teamsempo* File: [amazon_ses.py](#) [GNU General Public License v3.0](#) 5 vc

```
def send_reset_email(reset_token, email_address):  
  
    TEMPLATE_FILE = 'password_reset_email.txt'  
    template = get_email_template(TEMPLATE_FILE)  
    body = template.render(host=request.url_root, reset_token=reset_token)  
  
    ses_email_handler(email_address, 'Sempo Password Reset', body)
```

Example 35

Project: *appr* Author: *app-registry* File: [info.py](#) [Apache License 2.0](#) 5 vc

```
def index_discovery():  
    host = request.url_root  
    domain = request.headers['Host']  
    return """<html lang="en">  
    <head>  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <meta name="appr-package" content="{domain}/{name}" {host}/appr/api/v1/package  
    </head>  
    <body>  
    </body>  
    </html>""".format(domain=domain, host=host)
```

Example 36

Project: *appr* Author: *app-registry* File: [test_apiserver.py](#) [Apache License 2.0](#) 5 vc

```
def _url_for(self, path):  
    return request.url_root + self.api_prefix + path
```

Example 37

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.blue  
                                           self.format_name_to_query(unit.r  
        elif technology:  
            out.append('{}technology/{}'.format(request.url_root + reques  
                                                  self.format_name_to_query(  
    return out
```

Example 38

Project: *age-of-empires-II-api* Author: *aalises* File: [technology.py](#) [BSD 3-Clause "New" or "Revised"](#) 5 vc

License

```
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
                                           if 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 39

Project: *website* Author: *jazzband-roadies* File: *utils.py* MIT License

5 vc

```
def full_url(url):
    return urljoin(request.url_root, url)
```

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Example 40

Project: *face-reco-app* Author: *crowdcompute* File: *face_reco.py* MIT License

5 vc

```
def face_recognize(img):
    face_urls = []
    print("Result will be saved at {}".format(FACES_DIR))
    image = np.array(img)
    face_locations = fr.face_locations(image)

    print("There are {} face(s) in this photograph.".format(len(face_locations)))
    for face_location in face_locations:
        face_image = cut_face(image, face_location)
        hash = imagehash.average_hash(face_image)
        face_filename = "face_" + str(hash) + ".bmp"
        # Save the image
        face_image.save(os.path.join(FACES_DIR, face_filename))
        face_urls.append('{}download/{}'.format(request.url_root, face_filename))
    return face_urls
```

Example 41

Project: *fitgoal* Author: *praveendath92* File: *app.py* GNU General Public License v3.0

5 vc

```
def auth_redirect_url():
    base_domain = request.url_root[request.url_root.find('/://'):]
    protocol = 'https' if 'DYNO' in os.environ else 'http'
    return "{}{}auth".format(protocol, base_domain)
```

Example 42

Project: *YADS* Author: *dwdraugr* File: *sign_up.py* Apache License 2.0

5 vc

```

def sign_up(self, username, email, password):
    self._check_email(email)
    self._check_username(username)
    cursor = self.matchadb.cursor(dictionary=True)
    result = re.fullmatch("[a-zA-Z][a-zA-Z0-9_]*$", username)
    if not result:
        raise NameError("Username of new user is invalid")
    query = (
        username,
        hashlib.sha3_512(password.encode('utf-8')).hexdigest(),
        email
    )
    cursor.execute("INSERT INTO users (id, username,"
        "password, email) VALUE (NULL, %s, %s, %s)", query)
    new_user = cursor.lastrowid
    cursor.execute("INSERT INTO confirmed (uid, confirm_email, "
        "full_profile, photo_is_available) VALUES (%s, FALSE , "
        "FALSE , FALSE )",
        (new_user,))

    query = (
        new_user,
        ''.join(random.choice(string.ascii_letters) for i in range(30))
    )
    cursor.execute("INSERT INTO changes (uid, reason, seed) VALUES (%s, "
        "100, %s)", query)

    msg = Message('Welcome to the YADS!', [email])
    link = request.url_root + 'confirm/new/' + query[1]
    msg.html = render_template('mail_new_account.html', link=link)
    self.mail.send_mail(msg)

```

Example 43

Project: *xuemc* Author: *skycucumber* File: [flask_openid.py](#) GNU General Public License v2.0

5 vc

```

def get_next_url(self):
    """Returns the URL where we want to redirect to. This will
    always return a valid URL.
    """
    return (
        self.check_safe_root(request.values.get('next')) or
        self.check_safe_root(request.referrer) or
        (self.fallback_endpoint and self.check_safe_root(url_for(self.fallback
        request.url_root
    )

```

Example 44

Project: *xuemc* Author: *skycucumber* File: [flask_openid.py](#) GNU General Public License v2.0

5 vc

```

def check_safe_root(self, url):
    if url is None:
        return None
    if self.safe_roots is None:
        return url
    if url.startswith(request.url_root) or url.startswith('/'):
        # A URL inside the same app is deemed to always be safe
        return url
    for safe_root in self.safe_roots:
        if url.startswith(safe_root):

```

```
        return url
    return None
```

Example 45

Project: *honeyku* Author: *0x4D31* File: *honeyku.py* GNU General Public License v3.0

5 vc

```
def catch_all(path):
    # Load the config file
    config=load_config()
    # Honeytoken alerts
    if request.path in config['traps'] and request.path != "/favicon.ico":
        # Preparing the alert message
        alertMessage = alert_msg(request, config)
        # Slack alert
        if config['alert']['slack']['enabled'] == "true":
            WEBHOOK_URL = config['alert']['slack']['webhook-url']
            slack_alerter(alertMessage, WEBHOOK_URL)
        # Email alert
        if config['alert']['email']['enabled'] == "true":
            email_alerter(alertMessage, config)
        # SMS alert
        #TODO: Complete and test the SMS alert
        #if config['alert']['sms']['enabled'] == "true":
        #    sms_alerter(alertMessage, config)
        #TODO: HTTP Endpoint Support
    # Honeypot event logs
    if request.headers.getlist("X-Forwarded-For"):
        source_ip = request.headers.getlist("X-Forwarded-For")[0]
    else:
        source_ip = request.remote_addr
    logger.info({'sourceip':"{}", "host":"{}", "request":"{}", "http_method": "{}"
        source_ip, request.url_root, request.full_path, request.method, r
    # Prepare and send the custom HTTP response
    contype, body = generate_http_response(request, config)
    # Customize the response using a template (in case you want to return a dy
    # You can comment the next 2 lines if you don't want to use this. /Just ar
    if body == "custom.html":
        return (render_template(body, browser = request.user_agent.browser
    return (send_file(body, mimetype=contype) if "image" in contype else rende
```

Example 46

Project: *white* Author: *whitector* File: *front.py* GNU General Public License v2.0

5 vc

```
def _feed_rss():
    feed = AtomFeed(title=config.sitename(), subtitle='Recent Articles',
        feed_url=request.url, url=request.url_root, updated=datetime.

    for post in post_service.get_published_posts():
        feed.add(post.title, markdown.convert(post.html),
            content_type='html',
            author=post.user.username,
            url=urljoin(request.url_root, '/post/' + post.slug),
            updated=post.updated,
            published=post.created)
    return ''.join(feed.generate())
```

Example 47

5 vc


```
def make_external(url):
    return urljoin(request.url_root, url)
```

Example 48

```
def recent_feed():
    feed = AtomFeed('Recent Bookmarks', feed_url=request.url, url=request.url_root)

    bookmarks = Bookmark.query.order_by(Bookmark.date.desc()).limit(5).all()

    for bookmark in bookmarks:
        feed.add(str(bookmark.description),
                 content_type='html',
                 author=bookmark.user.username,
                 url=make_external(bookmark.url),
                 updated=bookmark.date,
                 published=bookmark.date)

    return feed.get_response()
```

Example 49

```
def _s_url(self, url_prefix=""):
    """
    :param url_prefix:
    :return: endpoint url of this instance
    """
    try:
        params = {self.object_id: self.jsonapi_id}
        instance_url = url_for(self.get_endpoint(type="instance"), **params)
        result = urljoin(request.url_root, instance_url)
    except RuntimeError:
        # This happens when creating the swagger doc and there is no applicati
        result = ""
    return result
```

Example 50

```
def _s_url(cls, url_prefix=""):
    try:
        collection_url = url_for(cls.get_endpoint())
        result = urljoin(request.url_root, collection_url)
    except RuntimeError:
        # This happens when creating the swagger doc and there is no applicati
        result = ""
    return result
```