Python flask.send_from_directory() Examples

The following are code examples for showing how to use *flask.send_from_directory()*. 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: *cloudygo* Author: *sethtroisi* File: *serve.py* Apache License 2.0 7 vo

```
def send_game(filename):
    path = os.path.join(LOCAL_DATA_DIR, filename)
    if is_naughty(path, LOCAL_DATA_DIR, ''):
        return ''

    if not os.path.exists(path):
        return 'Not Found'


    mimetypes = {
        '.png': 'image/png',
        '.sgf': 'xapplication/x-go-sgf',
    }

    mimetype = mimetypes.get(path[-4:], None)

    if mimetype:
        return send_from_directory(
            LOCAL_DATA_DIR,
            filename,
            mimetype=mimetype,
            cache_timeout=30*60)
    return 'Not Found'
```

Example 2

Project: *cloudygo* Author: *sethtroisi* File: *serve.py* Apache License 2.0 6 vo

```
def ctl_file(filename=""):
    folder = os.path.join(app.instance_path, 'ringmaster')
    filepath = os.path.join(folder, filename)
    if is_naughty(filepath, app.instance_path, ''):
        return ''

    if any(filename.endswith('.' + ext) for ext in
               ['ctl', 'report', 'hist', 'log']):
        return send_from_directory(
            folder,
            filename,
            mimetype='text/plain',
            cache_timeout=15*60)

    if filepath.endswith('.sgf') and os.path.isfile(filepath):
        with open(filepath) as f:
            data = f.read()
        return render_game(
            bucket="ringmaster",
            model_name="",
            data=data,
```

```
            filename="",
            force_full=True)

    if not (filename == "" or filename.endswith(".games")):
        return 'Restricted'

    if not os.path.isdir(filepath):
        return ''

    f_stats = _fstat_dir(filepath, filename)

    return render_template(
        'fileslist.html',
        navbar_title='Ringmaster CTL Files({})'.format(len(f_stats)),
        header='Various ringmaster files (updated sporadically).',
        serve_func='ctl_file',
        files=f_stats)
```

Example 3

Project: *pornote* Author: *haltode* File: *homework.py* MIT License 6 vo

```
def download(filename):
    if "email" not in session:
        return redirect(url_for("homepage"))

    member = Member.query.filter_by(email=session["email"]).first()
    homework = Homework.query.filter_by(filename=filename).first()

    if not homework.is_public:
        if member.points <= 0:
            return redirect(url_for("homepage"))
        member.points -= 1
        db.session.commit()

    current_path = os.path.dirname(os.path.realpath(__file__))
    uploads = os.path.join(current_path, app.config["UPLOAD_FOLDER"])
    return send_from_directory(uploads, filename)
```

Example 4

Project: *ara-archive* Author: *dmsimard* File: *webapp.py* GNU General Public License v3.0 6 vo

```
def configure_static_route(app):
    # Note (dmsimard)
    # /static/ is provided from in-tree bundled files and libraries.
    # /static/packaged/ is routed to serve packaged (i.e, XStatic) libraries.
    #
    # The reason why this isn't defined as a proper view by itself is due to
    # a limitation in flask-frozen. Blueprint'd views methods are like so:
    # "<view>.<method>. The URL generator of flask-frozen is a method decorator
    # that expects the method name as the function and, obviously, you can't
    # really have dots in functions.
    # By having the route configured at the root of the application, there's no
    # dots and we can decorate "serve_static_packaged" instead of, say,
    # "static.serve_packaged".

    @app.route('/static/packaged/<module>/<path:filename>')
    def serve_static_packaged(module, filename):
        xstatic = current_app.config['XSTATIC']
```

```
        if module in xstatic:
            return send_from_directory(xstatic[module], filename)
        else:
            abort(404)
```

Example 5

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 6

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

```
def do_download_file(book, book_format, data, headers):
    if config.config_use_google_drive:
        startTime = time.time()
        df = gd.getFileFromEbooksFolder(book.path, data.name + "." + book_format)
        log.debug('%s', time.time() - startTime)
        if df:
            return gd.do_gdrive_download(df, headers)
        else:
            abort(404)
    else:
        filename = os.path.join(config.config_calibre_dir, book.path)
        if not os.path.isfile(os.path.join(filename, data.name + "." + book_format
            # ToDo: improve error handling
            log.error('File not found: %s', os.path.join(filename, data.name + "."
        response = make_response(send_from_directory(filename, data.name + "." +
        response.headers = headers
        return response

##################################
```

Example 7

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

```
def image(filename):
    try:
        w = int(request.args['w'])
        h = int(request.args['h'])
    except (KeyError, ValueError):
        return send_from_directory('.', filename)
```

```
    try:
        im = Image.open(filename)
        im.thumbnail((w, h), Image.ANTIALIAS)
        io = StringIO.StringIO()
        im.save(io, format='JPEG')
        return Response(io.getvalue(), mimetype='image/jpeg')

    except IOError:
        abort(404)

    return send_from_directory('.', filename)
```

Example 8

Project: *pixelAntiAdblock* Author: *Mechazawa* File: *application.py* GNU General Public License v3.0 5 vo

```
def img():
    uuid = request.args.get('uuid', '')

    filename = 'ad.png'
    if not completed_challenge(uuid, check_min_content):
        filename = 'block.jpg'
    if len(uuid) != 36:
        filename = 'err.jpg'
    return send_from_directory(app.static_folder, filename)
```

Example 9

Project: *myweb* Author: *Busui* File: *views.py* MIT License 5 vo

```
def uploaded_file(filename):
    return send_from_directory(current_app.config['UPLOAD_FOLDER'],
                               filename)
```

Example 10

Project: *cloudygo* Author: *sethtroisi* File: *serve.py* Apache License 2.0 5 vo

```
def opening_image(filename):
    folder = os.path.join(app.instance_path, 'openings')
    path = os.path.join(folder, filename)
    if is_naughty(path, app.instance_path, '.png'):
        return ''

    return send_from_directory(
        folder,
        filename,
        cache_timeout=60*60)
```

Example 11

Project: *cloudygo* Author: *sethtroisi* File: *serve.py* Apache License 2.0 5 vo

```
def model_thumb(name):
    folder = os.path.join(app.instance_path, 'photos', 'thumbs')
    path = os.path.join(folder, name)
    if is_naughty(path, app.instance_path, '.jpg'):
        return ''
```

```
    return send_from_directory(
        folder,
        name,
        cache_timeout=60*60)
```

Example 12

Project: *cloudygo* Author: *sethtroisi* File: *serve.py* Apache License 2.0 5 vo

```
def converted_model(filename=""):
    if filename == "":
        filename = os.path.join(CloudyGo.DEFAULT_BUCKET, "models")
    filepath = os.path.join(LOCAL_DATA_DIR, filename)

    if os.path.isfile(filepath):
        if is_naughty(filepath, LOCAL_DATA_DIR, ".txt.gz"):
            return 'Not Found'

        return send_from_directory(
            LOCAL_DATA_DIR,
            filename,
            as_attachment=True)

    if is_naughty(filepath, LOCAL_DATA_DIR, "models"):
        return 'must end in models'
    if not os.path.isdir(filepath):
        return ''

    f_stats = _fstat_dir(filepath, filename)
    f_stats = [(f,stats) for f,stats in f_stats if
        f.endswith(CONVERTED_SUFFIX)]

    return render_template(
        'fileslist.html',
        navbar_title='Minigo Models Converted to Leela-Zero weights',
        header='{} Found'.format(len(f_stats)),
        serve_func='converted_model',
        files=f_stats)
```

Example 13

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 14

Project: *rate.sx* Author: *chubin* File: *srv.py* MIT License 5 vo

```
def send_static(path):
    return send_from_directory(STATIC, path)
```

Example 15

Project: *rate.sx* Author: *chubin* File: *srv.py* MIT License 5 vo

```
def send_favicon():
    return send_from_directory(STATIC, 'favicon.ico')
```

Example 16

Project: *rate.sx* Author: *chubin* File: *srv.py* MIT License 5 vo

```
def send_malformed():
    return send_from_directory(STATIC, 'malformed-response.html')
```

Example 17

Project: *SayluaLegacy* Author: *saylua* File: *__init__.py* GNU Affero General Public License v3.0 5 vo

```
def favicon():
    return send_from_directory(join(app.root_path, 'static'), 'favicon.ico',
        mimetype='image/vnd.microsoft.icon')
```

Example 18

Project: *weather21* Author: *salsa-system* File: *weather-server.py* GNU General Public License v3.0 5 vo

```
def client():
   return send_from_directory('static', 'weather.py')

# Charge a fixed fee per request to the /city current weather endpoint
```

Example 19

Project: *SenseMe* Author: *TomFaulkner* File: *flask_app.py* GNU General Public License v3.0 5 vo

```
def index():
    # return flask.send_from_directory('./static/', 'index.html')
    flask.flash(str((fan.speed, fan.brightness)))
    return flask.render_template("index.html")


# Light Functions
```

Example 20

Project: *liteshort* Author: *132ikl* File: *liteshort.py* MIT License 5 vo

```
def favicon():
    return send_from_directory(os.path.join(app.root_path, 'static'),
                               'favicon.ico', mimetype='image/vnd.microsoft.icon')
```

Example 21

Project: *object-detection* Author: *cristianpb* File: *app.py* MIT License 5 vo

```
def image_preview(filename):
    w = request.args.get('w', None)
    h = request.args.get('h', None)
    date = request.args.get('date', None)
```

```
    try:
        im = cv2.imread(os.path.join(IMAGE_FOLDER, filename))
        if w and h:
            w, h = int(w), int(h)
            im = cv2.resize(im, (w, h))
        elif date:
            date = (datetime
                    .strptime(date, "%Y%m%d_%H%M%S")
                    .strftime("%d %b %-H:%M")
                    )
            img_h, img_w = im.shape[:-1]
            cv2.putText(
                    im, "{}".format(date), (0, int(img_h*0.98)),
                    cv2.FONT_HERSHEY_SIMPLEX, 0.5, (0, 255, 0), 2)
        return Response(cv2.imencode('.jpg', im)[1].tobytes(),
                        mimetype='image/jpeg')

    except Exception as e:
        print(e)

    return send_from_directory('.', filename)
```

Example 22

Project: *object-detection* Author: *cristianpb* File: *app.py* MIT License 5 vo

```
def status():
    return send_from_directory('../dist', "index.html")
```

Example 23

Project: *object-detection* Author: *cristianpb* File: *app.py* MIT License 5 vo

```
def build(path):
    return send_from_directory('../dist', path)
```

Example 24

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0 5 vo

```
def send_static(path):
    return send_from_directory('admin/static/', path)
```

Example 25

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0 5 vo

```
def send_custom(path):
    return send_from_directory('admin/static/custom/', path)
```

Example 26

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0 5 vo

```
def send_images(path):
    return send_from_directory('admin/static/vendor/images/', path)
```

Example 27

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0 5 vo

```
def send_staticv(path):
    return send_from_directory('admin/static/vendor/', path)
```

Example 28

Project: *dino* Author: *thenetcircle* File: *routes.py* Apache License 2.0 5 vo

```
def send_fonts(path):
    return send_from_directory('admin/static/vendor/fonts/', path)
```

Example 29

Project: *rbp_zlm* Author: *zlotus* File: *views.py* MIT License 5 vo

```
def send_qr():
    return set_debug_response_header(flask.send_from_directory(BASE_DIR, 'QR.png'


# publish xauusd front-end to port 80
```

Example 30

Project: *rbp_zlm* Author: *zlotus* File: *views.py* MIT License 5 vo

```
def xauusd_entry():
    resp = flask.send_from_directory(XAUUSD_DIST_DIR, 'index.html', mimetype='tex
    resp.headers['content-type'] = 'text/html'
    return resp
```

Example 31

Project: *rbp_zlm* Author: *zlotus* File: *views.py* MIT License 5 vo

```
def xauusd_files(path):
    print(path)
    return flask.send_from_directory(XAUUSD_DIST_DIR, path)
```

Example 32

Project: *rbp_zlm* Author: *zlotus* File: *views.py* MIT License 5 vo

```
def entry_efunds_dist():
    resp = flask.send_from_directory(EFUNDS_DIST_DIR, 'index.html', mimetype='tex
    resp.headers['content-type'] = 'text/html'
    return resp
```

Example 33

Project: *rbp_zlm* Author: *zlotus* File: *views.py* MIT License 5 vo

```
def entry_dist(path):
    return flask.send_from_directory(EFUNDS_DIST_DIR, path)


# temporary efunds proxy
```

Example 34

Project: *Clustering* Author: *varun-suresh* File: *visualize.py* MIT License 5 vo

```
def get_img_path(fpath):
    print(os.path.dirname(fpath), fpath.split('/')[-1])
    return send_from_directory(os.path.dirname(fpath),fpath.split('/')[-1])
```

Example 35

Project: *ltibootcamp* Author: *claudevervoort* File: *lti_platform.py* Apache License 2.0 5 vo

```
def send_js(path):
    return send_from_directory('assets', path)
```

Example 36

Project: *plexivity* Author: *mutschler* File: *views.py* GNU General Public License v3.0 5 vo

```
def cache(filename):
    if not config.CACHE_IMAGES:
        return g.plex.get_thumb_data(filename)
    cache_dir = os.path.join(config.DATA_DIR, "cache")
    cache_file = os.path.join(cache_dir, filename)
    if not os.path.exists(cache_file + ".jpg"):
        if helper.cache_file(filename, g.plex):
            return send_from_directory(cache_dir, filename + ".jpg")
        else:
            return send_file('static/images/poster.png')
    else:
        return send_from_directory(cache_dir, filename + ".jpg")
```

Example 37

Project: *xcessiv* Author: *reiinakano* File: *views.py* Apache License 2.0 5 vo

```
def home(path):
    return send_from_directory(
        os.path.join(
            os.path.dirname(os.path.abspath(__file__)),
            'ui/build',
            os.path.split(path)[0]
        ),
        os.path.split(path)[1]
    )
```

Example 38

Project: *modloop* Author: *salilab* File: *__init__.py* GNU Lesser General Public License v2.1 5 vo

```
def results_file(name, fp):
    job = get_completed_job(name, request.args.get('passwd'))
    if fp in ('output.pdb', 'failure.log', 'loop.py'):
        return send_from_directory(job.directory, fp)
    else:
        abort(404)
```

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: *cassh* Author: *nbeguier* File: *cassh_web.py* Apache License 2.0 5 vo

```
def upload(current_user=None):
    """
    CASSH sign
    """
    pubkey = request.files['file']
    username = request.form['username']
    payload = {}
    payload.update({'realname': current_user['name'], 'password': current_user['pa
    payload.update({'username': username})
    payload.update({'pubkey': pubkey.read().decode('UTF-8')})
    try:
        req = post(APP.config['CASSH_URL'] + '/client', \
                data=payload, \
                headers=APP.config['HEADERS'], \
                verify=False)
    except ConnectionError:
        return Response('Connection error : %s' % APP.config['CASSH_URL'])
    if 'Error' in req.text:
        return Response(req.text)

    with open(path.join(APP.config['UPLOAD_FOLDER'], current_user['name']), 'w') a
        f.write(req.text)

    return send_from_directory(APP.config['UPLOAD_FOLDER'], current_user['name'],
        attachment_filename='id_rsa-cert.pub', as_attachment=True)

# Route that will process the file upload
```

Example 41

Project: *fixmynotes.com* Author: *mariowr2* File: *__init__.py* MIT License 5 vo

```
def serve_file(output_filename):
        uploaded_filename = output_filename[4:]
        ending_char_index = len(uploaded_filename) -1
        print_debug_msg(str(ending_char_index))
        clear_uploaded_file(uploaded_filename) # delete the file that was uploaded
        return send_from_directory(file_output_location_absolute, output_filename
```

Example 42

Project: *maple-file* Author: *honmaple* File: *router.py* BSD 3-Clause "New" or "Revised" License 5 vo

```
def get(self, filename):
        config = current_app.config
        width = request.args.get("width", 0, type=int)
        height = request.args.get("height", 0, type=int)
        if width or height:
            img = os.path.join(config['UPLOAD_FOLDER'], filename)
            stream = gen_thumb_image(img, width, height)
            buf_value = stream.getvalue()
```

```
            response = make_response(buf_value)
            response.headers['Content-Type'] = 'image/jpeg'
            return response
        return send_from_directory(config['UPLOAD_FOLDER'], filename)
```

Example 43

Project: *bocco-api-python* Author: *YUKAI* File: *web.py* MIT License 5 vo

```
def assets(filename):
    return send_from_directory(app.config['DOWNLOADS'], filename)
```

Example 44

Project: *cas-sample-python-webapp* Author: *cas-projects* File: *app.py* Apache License 2.0 5 vo

```
def static_files(filename):
    return send_from_directory(path.join(getcwd(), 'static'), filename)
```

Example 45

Project: *Loosindus* Author: *TaaviE* File: *static.py* GNU Affero General Public License v3.0 5 vo

```
def favicon():
    """
    Returns the site's favicon
    """
    return send_from_directory("./static",
                               "favicon-16x16.png")
```

Example 46

Project: *calibre-web* Author: *janeczku* File: *helper.py* GNU General Public License v3.0 5 vo

```
def get_book_cover(book_id):
    book = db.session.query(db.Books).filter(db.Books.id == book_id).first()
    if book.has_cover:

        if config.config_use_google_drive:
            try:
                if not gd.is_gdrive_ready():
                    return send_from_directory(_STATIC_DIR, "generic_cover.jpg")
                path=gd.get_cover_via_gdrive(book.path)
                if path:
                    return redirect(path)
                else:
                    log.error('%s/cover.jpg not found on Google Drive', book.path)
                    return send_from_directory(_STATIC_DIR, "generic_cover.jpg")
            except Exception as e:
                log.exception(e)
                # traceback.print_exc()
                return send_from_directory(_STATIC_DIR,"generic_cover.jpg")
        else:
            cover_file_path = os.path.join(config.config_calibre_dir, book.path)
            if os.path.isfile(os.path.join(cover_file_path, "cover.jpg")):
                return send_from_directory(cover_file_path, "cover.jpg")
            else:
                return send_from_directory(_STATIC_DIR,"generic_cover.jpg")
    else:
        return send_from_directory(_STATIC_DIR,"generic_cover.jpg")
```

```
# saves book cover from url
```

Example 47

Project: *calibre-web* Author: *janeczku* File: *admin.py* GNU General Public License v3.0 5 vo

```
def send_logfile(logtype):
    if logtype == 1:
        logfile = logger.get_accesslogfile(config.config_access_logfile)
        return send_from_directory(os.path.dirname(logfile),
                                   os.path.basename(logfile))
    if logtype == 0:
        logfile = logger.get_logfile(config.config_logfile)
        return send_from_directory(os.path.dirname(logfile),
                                   os.path.basename(logfile))
    else:
        return ""
```

Example 48

Project: *sova* Author: *sshnaidm* File: *flaskapp.py* Apache License 2.0 5 vo

```
def hello_world():
    return send_from_directory(
        os.path.dirname(config.INDEX_HTML), 'index.html')
```

Example 49

Project: *PyOne* Author: *abbeyokgo* File: *views.py* Mozilla Public License 2.0 5 vo

```
def favicon():
    resp=MakeResponse(send_from_directory(os.path.join(config_dir, 'app/static/im
    return resp
```

Example 50

Project: *Handwritten-Line-Text-Recognition-using-Deep-Learning-with-Tensorflow* Author: *sushant097*
File: *upload.py* Apache License 2.0 5 vo

```
def upload():
    # folder_name = request.form['uploads']
    target = os.path.join(APP_ROOT, 'static/')
    print(target)
    if not os.path.isdir(target):
        os.mkdir(target)
    print(request.files.getlist("file"))
    option = request.form.get('optionsPrediction')
    print("Selected Option:: {}".format(option))
    for upload in request.files.getlist("file"):
        print(upload)
        print("{} is the file name".format(upload.filename))
        filename = upload.filename
        # This is to verify files are supported
        ext = os.path.splitext(filename)[1]
        if (ext == ".jpg") or (ext == ".png"):
            print("File supported moving on...")
        else:
```

```
            render_template("Error.html", message="Files uploaded are not supporte
        savefname = datetime.now().strftime('%Y-%m-%d_%H_%M_%S') + "."+ext
        destination = "/".join([target, savefname])
        print("Accept incoming file:", filename)
        print("Save it to:", destination)
        upload.save(destination)
        result = predict_image(destination, option)
        print("Prediction: ", result)
    # return send_from_directory("images", filename, as_attachment=True)
    return render_template("complete.html", image_name=savefname, result=result)
```