Python flask.escape() Examples

The following are code examples for showing how to use *flask.escape()*. 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-Blogging* Author: *gouthambs* File: *views.py* MIT License 6 vo

```
def _store_form_data(blog_form, storage, user, post, escape_text=True):
    title = blog_form.title.data
    text = escape(blog_form.text.data) if escape_text \
        else blog_form.text.data
    tags = blog_form.tags.data.split(",")
    draft = blog_form.draft.data
    user_id = user.get_id()
    current_datetime = datetime.datetime.utcnow()
    post_date = post.get("post_date", current_datetime)
    last_modified_date = datetime.datetime.utcnow()
    post_id = post.get("post_id")
    pid = storage.save_post(title, text, user_id, tags, draft=draft,
                            post_date=post_date,
                            last_modified_date=last_modified_date,
                            post_id=post_id)
    return pid
```

Example 2

Project: *python-docs-samples* Author: *GoogleCloudPlatform* File: *main.py* Apache License 2.0 6 vo

```
def hello_name(request):
    """HTTP Cloud Function.
    Args:
        request (flask.Request): The request object.
        <http://flask.pocoo.org/docs/1.0/api/#flask.Request>
    Returns:
        The response text, or any set of values that can be turned into a
        Response object using `make_response`
        <http://flask.pocoo.org/docs/1.0/api/#flask.Flask.make_response>.
    """
    request_args = request.args

    if request_args and "name" in request_args:
        name = request_args["name"]
    else:
        name = "World"
    return "Hello {}!".format(flask.escape(name))
```

Example 3

Project: *python-docs-samples* Author: *GoogleCloudPlatform* File: *main.py* Apache License 2.0 6 vo

```
def hello_http(request):
    """HTTP Cloud Function.
    Args:
        request (flask.Request): The request object.
        <http://flask.pocoo.org/docs/1.0/api/#flask.Request>
```

```
    Returns:
        The response text, or any set of values that can be turned into a
        Response object using `make_response`
        <http://flask.pocoo.org/docs/1.0/api/#flask.Flask.make_response>.
    """
    request_json = request.get_json(silent=True)
    request_args = request.args

    if request_json and 'name' in request_json:
        name = request_json['name']
    elif request_args and 'name' in request_args:
        name = request_args['name']
    else:
        name = 'World'
    return 'Hello {}!'.format(escape(name))
# [END functions_helloworld_http]


# [START functions_helloworld_pubsub]
```

Example 4

Project: *d4-core* Author: *D4-project* File: *Sensor.py* GNU Affero General Public License v3.0 6 vo

```
def register_sensor(req_dict):
    sensor_uuid = req_dict.get('uuid', None)
    hmac_key = req_dict.get('hmac_key', None)
    user_id = req_dict.get('mail', None)
    third_party = req_dict.get('third_party', None)
    # verify uuid
    if not is_valid_uuid_v4(sensor_uuid):
        return ({"status": "error", "reason": "Invalid uuid"}, 400)
    sensor_uuid = sensor_uuid.replace('-', '')
    # sensor already exist
    if r_serv_db.exists('metadata_uuid:{}'.format(sensor_uuid)):
        return ({"status": "error", "reason": "Sensor already registred"}, 409)

    # hmac key
    if not hmac_key:
        return ({"status": "error", "reason": "Mandatory parameter(s) not provided
    else:
        hmac_key = escape(hmac_key)
        if len(hmac_key)>100:
            hmac_key=hmac_key[:100]
    if third_party:
        third_party = True

    res = _register_sensor(sensor_uuid, hmac_key, user_id=user_id, third_party=thi
    return res
```

Example 5

Project: *0x0* Author: *lachs0r* File: *fhost.py* ISC License 6 vo

```
def notfound(e):
    return u"""<pre>Process {0} stopped
* thread #1: tid = {0}, {1:#018x}, name = '{2}'
    frame #0:
Process {0} stopped
* thread #8: tid = {0}, {3:#018x} fhost`get(path='{4}') + 27 at fhost.c:139, name
    frame #0: {3:#018x} fhost`get(path='{4}') + 27 at fhost.c:139
```

```
   136   get(SrvContext *ctx, const char *path)
   137   {{
   138       StoredObj *obj = ctx->store->query(shurl_debase(path));
-> 139       switch (obj->type) {{
   140           case ObjTypeFile:
   141               ctx->serve_file_id(obj->id);
   142               break;
(lldb) q</pre>
""".format(os.getpid(), id(app), "fhost", id(get), escape(request.path)), e.code
```

Example 6

Project: *Publ* Author: *PlaidWeb* File: *markdown.py* MIT License 6 vo

```
def _render_image(self, spec, show, container_args, alt_text=None):
        """ Render an image specification into an <img> tag """

        try:
            path, image_args, title = image.parse_image_spec(spec)
        except Exception as err:  # pylint: disable=broad-except
            LOGGER.exception("Got error on spec %s: %s", spec, err)
            return ('<span class="error">Couldn\'t parse image spec: ' +
                    '<code>{}</code> {}</span>'.format(flask.escape(spec),
                                                       flask.escape(str(err))))

        composite_args = {**container_args, **image_args}

        try:
            img = image.get_image(path, self._search_path)
        except Exception as err:  # pylint: disable=broad-except
            LOGGER.exception("Got error on image %s: %s", path, err)
            return ('<span class="error">Error loading image {}: {}</span>'.format
                flask.escape(spec), flask.escape(str(err))))

        return img.get_img_tag(title,
                               alt_text,
                               **composite_args,
                               _show_thumbnail=show,
                               _mark_rewritten=True)
```

Example 7

Project: *schort* Author: *sqozz* File: *schort.py* Creative Commons Zero v1.0 Universal 5 vo

```
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 8

Project: *flask-sqlalchemy-web* Author: *ypmc* File: *start.py* MIT License 5 vo

```
def index():
    logger.debug("index page")
    logger.debug("cookie name %s" % request.cookies.get('username'))

    if 'username' in session:
        logger.debug("login user is %s" % flask_login.current_user)
        logger.debug('Logged in as %s' % escape(session['username']))
        return render_template('index.html', name=session['username'])
    else:
        logger.debug("you are not logged in")
        return render_template('login.html')
```

Example 9

Project: *no-frills-online-notepad* Author: *schollz* File: *server.py* MIT License 5 vo

```
def test_message(message):
        #message['data'] = escape(message['data'])
        print message
        cursor = mysql.connect().cursor()
        cursor.execute("SELECT * from text where sitename='" + message['page'] + '
        data = cursor.fetchone()
        if data is None:
                print "Inserting into database"
                conn = mysql.connect()
                cursor = conn.cursor()
                query = '''INSERT INTO text (sitename,document,date_modified,date_
                cursor.execute(query,(message['page'],message['data'],))
                conn.commit()
        else:
                currentSize = len(data[2])
                newSize = len(message['data'])
                currentVersion = int(data[5])
                if currentSize-newSize>10: # if deleting a lot of stuff, archive t
                        print "archiving old version"
                        currentVersion +=1
                        conn = mysql.connect()
```

```
                        cursor = conn.cursor()
                        query = '''INSERT INTO text (sitename,document,date_modifi
                        cursor.execute(query,(message['page'],message['data'],str(
                        conn.commit()
                else:
                        print "updating into database, old version"
                        conn = mysql.connect()
                        cursor = conn.cursor()
                        query = '''UPDATE text set document =%s, date_modified=NOW
                        cursor.execute(query,(message['data'],message['page'],str(
                        conn.commit()

        emit('newtitle', {'success':True,'data':'None'})
```

Example 10

Project: *learning-python* Author: *Akagi201* File: *single.py* MIT License 5 vo

```
def test_session():
    if 'username' in session:
        return 'logged in as %s' % escape(session['username'])
    return redirect(url_for('login'))
```

Example 11

Project: *autoseamless* Author: *alawibaba* File: *flask_frontend.py* GNU General Public License v3.0 5 vo

```
def index():
    if 'username' not in session:
        return redirect(url_for('login'))
    user = User.query.filter_by(username=session['username']).first()
    return '''Welcome %s.<br/><br/>
<form action=%s method=post>
Your favorites:<br/><textarea name=favorites cols=80 rows=20>%s</textarea><br/>
Order time:<br/><input name=minute type=text value=%d:%02d /><br/>
Don't order tomorrow: <input type=checkbox name=disabled value=True %s /><br/>
<input type=submit name=save /> <br/>
</form> <a href="%s">logout</a> <br/><br/>Messages:<br/>%s''' % (escape(user.user
```

Example 12

Project: *amazon-elasticache-samples* Author: *aws-samples* File: *example-3.py* Apache License 2.0 5 vo

```
def index():
    if 'username' in session:
        username = escape(session['username'])

        visits = store.hincrby(username, 'visits', 1)

        store.expire(username, 10)

        return '''
            Logged in as {0}.<br>
            Visits: {1}
        '''.format(username, visits)

    return 'You are not logged in'
```

Example 13

Project: *amazon-elasticache-samples* Author: *aws-samples* File: *example-2.py* Apache License 2.0 5 vo

```
def index():
    if 'username' in session:
        username = escape(session['username'])

        visits = store.hincrby(username, 'visits', 1)

        return '''
            Logged in as {0}.<br>
            Visits: {1}
        '''.format(username, visits)

    return 'You are not logged in'
```

Example 14

Project: *amazon-elasticache-samples* Author: *aws-samples* File: *example-1.py* Apache License 2.0 5 vo

```
def index():
    if 'username' in session:
        return 'Logged in as %s' % escape(session['username'])
    return 'You are not logged in'
```

Example 15

Project: *amazon-elasticache-samples* Author: *aws-samples* File: *example-4.py* Apache License 2.0 5 vo

```
def index():
    if 'username' in session:
        username = escape(session['username'])

        store = SessionStore(username, REDIS_URL)

        visits = store.incr('visits')

        return '''
            Logged in as {0}.<br>
            Visits: {1}
        '''.format(username, visits)

    return 'You are not logged in'
```

Example 16

Project: *bbotte.github.io* Author: *bbotte* File: *message_board.py* Apache License 2.0 5 vo

```
def nl2br_filters(s):
    return escape(s).replace('\n', Markup('</br>'))

#添加过滤器,评论时间显示到了毫秒
```

Example 17

Project: *pythonture* Author: *yonetici* File: *blog.py* GNU General Public License v3.0 5 vo

```
def about():
    return render_template("about.html")
# @app.route("/article/<id>")
```

```
# def detail(id):
#     try:
#         return 'Post %s' % escape id
#     except:
#         return 'hatalı url girdiniz.'
```

Example 18

Project: *pythonture* Author: *yonetici* File: *blog.py* GNU General Public License v3.0 5 vo

```
def show_user_profile(username):
    # show the user profile for that user
    return 'User %s' % escape(username)
#Makale Ekle
```

Example 19

Project: *miv-tracker* Author: *team-miv* File: *views.py* MIT License 5 vo

```
def pending_data(status, event_id):
    """Return server side data."""
    # defining columns
    columns = []
    columns.append(ColumnDT('id'))
    columns.append(ColumnDT('ioc'))
    columns.append(ColumnDT('itype.name'))
    columns.append(ColumnDT('control.name'))
    columns.append(ColumnDT('comment'))
    columns.append(ColumnDT('enrich'))
    columns.append(ColumnDT('first_seen'))

    base_query = db.session.query(Indicator).join(Control).join(Itype)

    if status == 'pending':
        columns.append(ColumnDT('event_id'))
        columns.append(ColumnDT('event.name'))
        query = base_query.join(Event).filter(Indicator.pending == True)
    elif status == 'search':
        columns.append(ColumnDT('event_id'))
        columns.append(ColumnDT('event.name'))
        query = base_query.join(Event).filter(Indicator.pending == False)
    elif status == 'approved':
        columns.append(ColumnDT('last_seen'))
        columns.append(ColumnDT('rel_list'))
        query = base_query.filter(Indicator.event_id == event_id).filter(Indicator
    else:
        query = base_query.filter(Indicator.pending == True)

    rowTable = DataTables(request.args, Indicator, query, columns)

    #xss catch just to be safe
    res = rowTable.output_result()
    for item in res['data']:
        for k,v in item.iteritems():
            item[k] = escape(v)

    return jsonify(res)
```

Example 20

5 vo

Project: *miv-tracker* Author: *team-miv* File: *views.py* MIT License

```
def event_data(status):
    """Return server side data."""
    # defining columns
    columns = []
    columns.append(ColumnDT('id'))
    columns.append(ColumnDT('name'))
    columns.append(ColumnDT('status.name'))
    columns.append(ColumnDT('source.name'))
    columns.append(ColumnDT('tlp.name'))
    columns.append(ColumnDT('confidence'))
    columns.append(ColumnDT('created'))
    columns.append(ColumnDT('indicator_count'))

    base_query = db.session.query(Event).join(Source).join(Tlp).join(Status)

    if status in ['New', 'Open', 'Resolved']:
        query = base_query.filter(Status.name == status)
    else:
        query = base_query

    rowTable = DataTables(request.args, Event, query, columns)

    #xss catch just to be safe
    res = rowTable.output_result()
    for item in res['data']:
        for k,v in item.iteritems():
            item[k] = escape(v)

    return jsonify(res)


###
# API Calls
###
```

Example 21

Project: *arxiv-search* Author: *arXiv* File: *highlighting.py* MIT License 5 vo

```
def _escape(value: str) -> str:
    """
    Escape anything that isn't part of highlighting.

    Ideally, we'd use bleach.clean to do this for us. Unfortunately, it just
    gets too tripped up on equation content to use it reliably. Sometimes it
    throws exceptions when it hits equations that look like (but are not)
    HTML, and other times it panics. Since we really only have one tag-pair
    that we care to preserve, this approach works well enough for our purposes.
    """
    tag_o = HIGHLIGHT_TAG_OPEN
    tag_c = HIGHLIGHT_TAG_CLOSE
    _new = ""
    i = 0
    while True:
        i_o = value[i:].index(tag_o) if tag_o in value[i:] else None
        i_c = value[i:].index(tag_c) if tag_c in value[i:] else None
        if i_o is None and i_c is None:
            _new += str(escape(value[i:]))
            break
        if i_o is not None and i_c is not None:
```

```
            if i_o < i_c:
                _sub = str(escape(value[i:i + i_o])) + tag_o
                i += i_o + len(tag_o)
            elif i_c < i_o:
                _sub = str(escape(value[i:i + i_c])) + tag_c
                i += i_c + len(tag_c)
        elif i_o is not None and i_c is None:
            _sub = str(escape(value[i:i + i_o])) + tag_o
            i += i_o + len(tag_o)
        elif i_c is not None and i_o is None:
            _sub = str(escape(value[i:i + i_c])) + tag_c
            i += i_c + len(tag_c)
        _new += _sub
    return _new
```

Example 22

Project: *dash-docs* Author: *plotly* File: *server.py* MIT License 5 vo

```
def redirect_to_enterprise_part(subpath):
    return redirect('/dash-enterprise/{}'.format(escape(subpath)), code=301)
```

Example 23

Project: *dash-docs* Author: *plotly* File: *server.py* MIT License 5 vo

```
def redirect_table_part(subpath):
    return redirect('/datatable/{}'.format(escape(subpath)), code=301)
```

Example 24

Project: *dash-docs* Author: *plotly* File: *server.py* MIT License 5 vo

```
def redirect_daq_part(subpath):
    return redirect('/dash-daq/{}'.format(escape(subpath)), code=301)

# normalized components
```

Example 25

Project: *python-docs-samples* Author: *GoogleCloudPlatform* File: *main.py* Apache License 2.0 5 vo

```
def hello_content(request):
    """ Responds to an HTTP request using data from the request body parsed
    according to the "content-type" header.
    Args:
        request (flask.Request): The request object.
        <http://flask.pocoo.org/docs/1.0/api/#flask.Request>
    Returns:
        The response text, or any set of values that can be turned into a
        Response object using `make_response`
        <http://flask.pocoo.org/docs/1.0/api/#flask.Flask.make_response>.
    """
    content_type = request.headers['content-type']
    if content_type == 'application/json':
        request_json = request.get_json(silent=True)
        if request_json and 'name' in request_json:
            name = request_json['name']
        else:
            raise ValueError("JSON is invalid, or missing a 'name' property")
```

```
    elif content_type == 'application/octet-stream':
        name = request.data
    elif content_type == 'text/plain':
        name = request.data
    elif content_type == 'application/x-www-form-urlencoded':
        name = request.form.get('name')
    else:
        raise ValueError("Unknown content type: {}".format(content_type))
    return 'Hello {}!'.format(escape(name))
# [END functions_http_content]


# [START functions_http_methods]
```

Example 26

Project: *ds-study-group* Author: *study-groups* File: *boxcox.py* MIT License 5 vo

```
def py2web(py):
    py_json = json.dumps(py.tolist())
    strtype= type(py)
    str = "<pre>"
    str += "py2web called with py:<br>"
    str += "type: {arg}\n".format(arg=escape(strtype))
    str += "shape: {shape})\n".format(shape=escape(py.shape))
    str += "{arg}".format(arg=py)
    str +="</pre>"
    return str;
```

Example 27

Project: *d4-core* Author: *D4-project* File: *Flask_server.py* GNU Affero General Public License v3.0 5 vo

```
def set_uuid_hmac_key():
    uuid_sensor = request.args.get('uuid')
    user = request.args.get('redirect')
    key = request.args.get('key')
    hmac_key = escape(key)
    if len(hmac_key)>100:
        hmac_key=hmac_key[:100]
    redis_server_metadata.hset('metadata_uuid:{}'.format(uuid_sensor), 'hmac_key',
    if user:
        return redirect(url_for('uuid_management', uuid=uuid_sensor))


# demo function
```

Example 28

Project: *ostip* Author: *kx499* File: *views.py* MIT License 5 vo

```
def pending_data(status, event_id):
    """Return server side data."""
    # defining columns
    columns = []
    columns.append(ColumnDT('id'))
    columns.append(ColumnDT('ioc'))
    columns.append(ColumnDT('itype.name'))
    columns.append(ColumnDT('control.name'))
    columns.append(ColumnDT('comment'))
```

```
    columns.append(ColumnDT('enrich'))
    columns.append(ColumnDT('first_seen'))

    base_query = db.session.query(Indicator).join(Control).join(Itype)

    if status == 'pending':
        columns.append(ColumnDT('event_id'))
        columns.append(ColumnDT('event.name'))
        query = base_query.join(Event).filter(Indicator.pending == True)
    elif status == 'search':
        columns.append(ColumnDT('event_id'))
        columns.append(ColumnDT('event.name'))
        query = base_query.join(Event).filter(Indicator.pending == False)
    elif status == 'approved':
        columns.append(ColumnDT('last_seen'))
        columns.append(ColumnDT('rel_list'))
        query = base_query.filter(Indicator.event_id == event_id).filter(Indicator
    else:
        query = base_query.filter(Indicator.pending == True)

    rowTable = DataTables(request.args, Indicator, query, columns)

    #xss catch just to be safe
    res = rowTable.output_result()
    for item in res['data']:
        for k,v in item.iteritems():
            item[k] = escape(v)

    return jsonify(res)
```

Example 29

Project: *ostip* Author: *kx499* File: *views.py* MIT License 5 vo

```
def event_data(status):
    """Return server side data."""
    # defining columns
    columns = []
    columns.append(ColumnDT('id'))
    columns.append(ColumnDT('name'))
    columns.append(ColumnDT('status.name'))
    columns.append(ColumnDT('source.name'))
    columns.append(ColumnDT('tlp.name'))
    columns.append(ColumnDT('confidence'))
    columns.append(ColumnDT('created'))
    columns.append(ColumnDT('indicator_count'))

    base_query = db.session.query(Event).join(Source).join(Tlp).join(Status)

    if status in ['New', 'Open', 'Resolved']:
        query = base_query.filter(Status.name == status)
    else:
        query = base_query

    rowTable = DataTables(request.args, Event, query, columns)

    #xss catch just to be safe
    res = rowTable.output_result()
    for item in res['data']:
        for k,v in item.iteritems():
            item[k] = escape(v)
```

```
    return jsonify(res)


###
# API Calls
###
```

Example 30

Project: *BlackSheep* Author: *RobertoPrevato* File: *flask_app.py* MIT License 5 vo

```
def hello_world():
    name = request.args.get('name', 'World')
    return f'Hello, {escape(name)}!', 200, {'Content-Type': 'text/plain'}
```

Example 31

Project: *Publ* Author: *PlaidWeb* File: *markdown.py* MIT License 5 vo

```
def blockcode(self, text, lang):
        """ Pass a code fence through pygments """
        if lang and self._config.get('highlight_syntax', 'True'):
            try:
                lexer = pygments.lexers.get_lexer_by_name(lang, stripall=True)
            except pygments.lexers.ClassNotFound:
                lexer = None

            if lexer:
                formatter = pygments.formatters.HtmlFormatter()  # pylint: disable
                return pygments.highlight(text, lexer, formatter)

        return '\n<div class="highlight"><pre>{}</pre></div>\n'.format(
            flask.escape(text.strip()))
```

Example 32

Project: *trending-on-the-bay* Author: *randomecho* File: *app.py* BSD 3-Clause "New" or "Revised" License 5 vo

```
def search():
    keyword = request.args.get('keyword')
    results = ebay.search_sold(keyword)
    stats = sell_stats.generate_stats(results)

    return render_template("search.html",
                           keyword=escape(keyword),
                           results=results,
                           stats=stats)
```

Example 33

Project: *hipfrog* Author: *wardweistra* File: *glassfrog_tests.py* GNU Lesser General Public License v3.0 5 vo

```
def test_configure(self, mock_getCircles, mock_HipchatApiHandler, mock_getInstalla
        mock_installation = self.defaultInstallation(set_glassfrogToken=False)
        assert mock_installation.glassfrogToken is None
        mock_getInstallationFromJWT.return_value = mock_installation
```

```
        # Loading of page
        rv = self.app.get('/configure.html', follow_redirects=True,
                          query_string=test_values.mock_jwt_data('bogus'))
        assert b'Glassfrog Token' in rv.data

        # Wrong token
        mock_getCircles.return_value = [401, test_values.mock_401_responsebody['me
        rv = self.app.post('/configure.html', follow_redirects=True,
                           data=dict(glassfrogtoken=test_values.mock_glassfrogToke
                           query_string=test_values.mock_jwt_data('bogus'))
        assert mock_getCircles.called
        assert escape(test_values.mock_401_flash_message) in rv.data.decode('utf-

        # Right token
        mock_getCircles.return_value = (200, test_values.mock_circles_message)
        rv = self.app.post('/configure.html', follow_redirects=True,
                           data=dict(glassfrogtoken=test_values.mock_glassfrogToke
                           query_string=test_values.mock_jwt_data('bogus'))
        assert mock_getCircles.called
        assert escape(strings.configured_successfully_flash) in rv.data.decode('u
        mock_HipchatApiHandler.return_value.sendMessage.assert_called_with(
            color=strings.succes_color,
            message=strings.configured_successfully,
            installation=mock_installation)
```

Example 34

Project: *chatschoolette* Author: *gorel* File: *test_auth.py* MIT License 5 vo

```
def test_create_user(self):
        username = 'test_create_user'
        email = escape('unit_test_create_user@test.com')
        password = 'hunter2'

        user = User(username, email, password)
        db.session.add(user)
        db.session.commit()

        assert user is not None
```

Example 35

Project: *SWEETer-Cat* Author: *DanielAndreasen* File: *test_app.py* MIT License 5 vo

```
def test_publication_titles(publication_response, publication_data, category):
    """Test all the publication titles are present."""
    for paper in publication_data[category]:
        title = escape(paper["title"]).encode('utf-8')
        assert title in publication_response.data
```

Example 36

Project: *SWEETer-Cat* Author: *DanielAndreasen* File: *test_app.py* MIT License 5 vo

```
def test_publication_links(publication_response, publication_data, category):
    """Test all the publication adsabs links are present.

    Test that links are inserted for the title and "read more" sections.
    """
    for paper in publication_data[category]:
```

```
        url = escape(paper["adsabs"])
        read_more = '...<a href="{0}" target="_blank"> read more</a>'.format(url)
        title_link = '<a href="{0}" target="_blank">{1}</a>'.format(url, paper["ti
        assert read_more.encode('utf-8') in publication_response.data
        assert title_link.encode('utf-8') in publication_response.data
```

Example 37

Project: *SWEETer-Cat* Author: *DanielAndreasen* File: *test_app.py* MIT License 5 vo

```
def test_publication_authors(publication_response, publication_data, category):
    """Test all the publication authors are present."""
    for paper in publication_data[category]:
        authors = escape(paper["authors"]).encode('utf-8')
        assert authors in publication_response.data
```

Example 38

Project: *xl_auth* Author: *libris* File: *test_collection_view.py* Apache License 2.0 5 vo

```
def test_user_sees_error_message_if_collection_code_does_not_exist(user, testapp):
    """Show error when attempting to view a permission that does not exist."""
    # Goes to homepage.
    res = testapp.get('/')
    # Fills out login form.
    form = res.forms['loginForm']
    form['username'] = user.email
    form['password'] = 'myPrecious'
    # Submits.
    res = form.submit().follow()
    assert res.status_code is 200
    # Fails to figures out the correct ID for another user.
    res = testapp.get(url_for('collection.view', collection_code='FAKE1')).follow(
    # Sees error message.
    assert escape(_('Collection code "%(code)s" does not exist', code='FAKE1')) i
```

Example 39

Project: *d4-core* Author: *D4-project* File: *Flask_server.py* GNU Affero General Public License v3.0 4 vo

```
def get_uuid_disk_statistics(uuid_name, date_day='', type='', all_types_on_disk=[]
    # # TODO: escape uuid_name

    stat_disk_uuid = {}
    uuid_data_directory = os.path.join(data_directory, uuid_name)
    if date_day:
        directory_date = os.path.join(date_day[0:4], date_day[4:6], date_day[6:8])
    all_types_on_disk = {}

    if all_types_on_disk:
        for type in all_types_on_disk:
            if date_day:
                uuid_type_path = os.path.join(uuid_data_directory, type, directory
            else:
                uuid_type_path = os.path.join(uuid_data_directory, type)
            all_types_on_disk[type] = uuid_type_path
    else:
        # Get all types save on disk
        if os.path.isdir(uuid_data_directory):
            for file in os.listdir(uuid_data_directory):
```

```
                if date_day:
                    uuid_type_path = os.path.join(uuid_data_directory, file, direc
                else:
                    uuid_type_path = os.path.join(uuid_data_directory, file)
                if os.path.isdir(uuid_type_path):
                    all_types_on_disk[file] = uuid_type_path

    nb_file = 0
    total_size = 0

    for uuid_type in all_types_on_disk:
        nb_file_type = 0
        total_size_type = 0
        for dirpath, dirnames, filenames in os.walk(all_types_on_disk[uuid_type]):
            stat_disk_uuid[uuid_type] = {}
            for f in filenames:
                fp = os.path.join(dirpath, f)
                file_size = os.path.getsize(fp)
                total_size_type += file_size
                total_size += file_size
                nb_file_type += 1
                nb_file += 1
            stat_disk_uuid[uuid_type]['nb_files'] = nb_file_type
            stat_disk_uuid[uuid_type]['total_size'] = total_size_type
    if all_stats:
        stat_all = {}
        stat_all['nb_files'] = nb_file
        stat_all['total_size'] = total_size
        stat_disk_uuid['All'] = stat_all
    return stat_disk_uuid

# ========== ERRORS ============
```