# ГУАП

# КАФЕДРА № 43

ОТЧЕТ ЗАЩИЩЕН С ОЦЕНКОЙ		
ПРЕПОДАВАТЕЛЬ		
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# отчет о лабораторной работе №7 Асинхронное клиент-серверное взаимодействие с использованием Ajax и JSON

по дисциплине: Web-Texнологии

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Цель работы: изучение и применение на практике технологии АЈАХ.

#### Базовое задание

Разработать AJAX-приложение для доступа к базе данных, подготовленной в предыдущей лабораторной работе. Вариант задания и тип запроса указаны в таблице 1. Формулировку варианта адаптировать под свою базу данных. В сценарии javascript запрещается использование библиотек. Новая страница должна быть встроена в сайт, подготовленный в предыдущих разделах.

### Расширенное задание

- 1.. использовать json +
- 2.. проверить работу в разных браузерах. В сценарии на javascript добавить вывод на страницу названия объекта, выполняющего асинхронный обмен, и название браузера. В отчете привести доказательства этой работы. +
- 3.. использовать библиотеку jQuery и добавить еще один вариант применения AJAX

## Скриншоты страниц сайта и таблиц базы данных.

#### Листинг

routes.1.js

```
// получение всех файлов от сервера в текущей директории
var read files bool = false;
function get files(onload function=undefined) {
 selected file name = "";
 if (!read files bool) {
  read files bool = true;
  undo files checkBox();
  if (!checkModal('copy or paste block')) {
   close selected files div();
  if (checkModal('file list block')) {
   closeModal('rightBar');
   closeModal('file list block');
  var ul = document.getElementById("file list");
  ul.innerHTML = ";
  // создаём запрос
  var xhr = new XMLHttpRequest();
  xhr.open('POST', '/files?path=${path}&dir=${dir str}');
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
```

```
// когда запрос выполнится, то вызовется эта функция
  xhr.onload = function () {
   read files bool = false;
   // проверяем код
   if (xhr.status === 200) {
     // проверяем, не пустая ли директория
     if (xhr.responseText.toString() === 'EMPTY') {
      files json['files'] = [];
      append back dir();
      // если файлов нет, то выводим такое сообщение
      var li = document.createElement("li");
      li.innerHTML = `
       <h1 align="center">EMPTY</h1>
      // добавляем его в список
      ul.appendChild(li);
     // проверяем, есть такая директория или нет
     } else if (xhr.responseText.toString() === 'ERROR DIR') {
      files json['files'] = [];
      // если файлов нет, то выводим такое сообщение
      var li = document.createElement("li");
      li.innerHTML = `
       <h1 align="center">NO SUCH PATH EXISTS</h1>
      // добавляем его в список
      ul.appendChild(li);
     } else {
      append back dir();
      // получаем json
      files json = JSON.parse(xhr.responseText.toString());
      // сортировка файлов по типу
      files json['files'] = sort files(files_json['files'], sort_type, sort_order);
      audio list = [];
      image list = [];
      // добавляем файлы в список
      for (let i = 0; i < files json['files'].length; <math>i++) {
       file = files | |son['files'][i]
       if (file['type'] == 'dir') {
        append file(file['type'], file['name']);
       } else {
        append file(file['type'], file['name'], file['size'], dir str + '/' + file['name'], file['time'],
file['type_mime']);
```

```
if (draw type == 'list')
       append path info(files ison['files'].length);
      if (onload function != undefined) {
       onload function();
  };
  // отправляем запрос
  xhr.send();
 } else {
// удаление файла
function delete file(path, dir str, name) {
 var xhr = new XMLHttpRequest();
 xhr.open('POST', '/delete?path=${path}&dir=${dir str}&file=${name}');
 xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
 xhr.onload = function () {
  if (xhr.status === 200) {
   close delete file dialog();
   if (xhr.responseText.toString() === 'READ ONLY') {
    readonly dialog();
   } else {
    close rightBar();
    update dir();
 };
xhr.send();
// удаление выделенных файлов
function delete files() {
 var xhr = new XMLHttpRequest();
 xhr.open('POST', '/delete?path=${path}&dir=${dir str}&files=${JSON.stringify({"files":
list checked file { ) } `);
 xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
 xhr.onload = function () {
  if (xhr.status === 200) {
   close delete file dialog();
   update dir();
   undo files checkBox();
   close rightBar();
```

```
xhr.send();
// переименование файла
function rename file() {
 var new file name = document.getElementById("fileName input").value;
 if (selected file name != new file name) {
  var xhr = new XMLHttpRequest();
  xhr.open('POST', '/rename?path=${path}&dir=${selected file dir}&file=$
{selected file name}&new file=${new file name}');
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
  xhr.onload = function () {
   if (xhr.status === 200) {
    if (xhr.responseText.toString() === 'ALREADY EXISTS') {
     document.getElementById(`fileName input`).classList.replace('app input ok',
'app_input error');
    } else {
     selected file name = new file name;
     document.getElementById('fileName input').classList.replace('app input error',
'app input ok');
     update dir(function(){open fileInfo by name(new file name)});
   }
  };
  xhr.send();
// создание файла или директории
function create file(folder=false) {
 var xhr = new XMLHttpRequest();
 file name = document.getElementById("create fileName input");
 if (folder) {
  xhr.open('POST', '/create folder?path=${path}&dir=${dir str}&folder name=$
{file name.value}`);
 } else {
  xhr.open('POST', '/create file?path=${path}&dir=${dir str}&file=${file name.value}');
 xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
 xhr.onload = function () {
  if (xhr.status === 200) {
   var close dialog = true;
   if (xhr.responseText.toString() === 'NO PLACE') {
    no place dialog();
```

```
} else if (xhr.responseText.toString() === 'READ ONLY') {
    readonly dialog();
   } else if (xhr.responseText.toString() === 'ERROR NAME') {
    document.getElementById('create fileName input').classList.replace('app input ok',
'app input error');
    close dialog = false;
   } else if (xhr.responseText.toString() === 'ALREADY EXISTS') {
    document.getElementById('create fileName input').classList.replace('app input ok',
'app input error');
    close dialog = false;
   } else update dir();
   if (close dialog) {
    close create file dialog();
    file name.value = ";
 };
 xhr.send();
function create file enter(e) {
 if (e.keyCode == 13) {
  (document.getElementById("create file button").onclick)()
  return false;
 }
           -----*/
// распаковка
function activity unpack file() {
 var xhr = new XMLHttpRequest();
 xhr.open('POST', '/unpack?path=${path}&dir=${selected file dir}&file=$
{selected file name}&new file=${selected file name}');
 xhr.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');
 xhr.onload = function () {
  if (xhr.status === 200) {
   if (xhr.responseText.toString() === 'NO PLACE') {
    no place dialog();
   } else if (xhr.responseText.toString() === 'READ ONLY') {
    readonly dialog();
   } else update dir();
 };
 xhr.send();
```

```
// получаем файлы
update dir();
Main.py
@app.route("/files", methods=['GET', 'POST'])
@login required
def files():
  try:
     path = request.args.get("path", "")
     dir = request.args.get("dir", "")
     if (not '..' in dir):
        user_path = userBase.get_user_info(current_user.id)['path'][int(path)]['path']
        files = os.listdir(user path + dir)
        if len(files) > 0:
          files list = []
          for i in range(len(files)):
             try:
                file = files[i]
                files list.append(
                     'name': file
                )
                if len(dir) > 0:
                   file path = user path + dir + '/' + file
                else:
                   file_path = user_path + file
                if os.path.isdir(file path):
                   files list[i]['type'] = 'dir'
                else:
                   mime = magic.from buffer(open(file path, "rb").read(2048), mime=True)
                   if mime.split('/')[1] in ['zip', 'x-rar']:
                     files list[i]['type'] = 'archive'
                   elif mime.split('/')[1] in ['pdf']:
                     files list[i]['type'] = 'pdf'
                   elif mime.split('/')[0] in ['text']:
                     files_list[i]['type'] = 'text file'
                   elif mime.split('/')[0] in ['image']:
```

```
files list[i]['type'] = 'image'
                 elif mime.split('/')[0] in ['video']:
                    files list[i]['type'] = 'video'
                 elif mime.split('/')[0] in ['audio']:
                    files_list[i]['type'] = 'audio'
                 else:
                    files_list[i]['type'] = 'file'
                 files list[i]['type mime'] = mime
                 files list[i]['size'] = convert size(
                    os.path.getsize(
                      user path + dir + '/' + file
                    )
                 )
                 change time = os.path.getmtime(file path)
                 files list[i]['time'] =
datetime.datetime.fromtimestamp(change time).strftime('%H:%M:%S %d-%m-%Y')
            except Exception as e:
               print(e)
          return {'files': files list}
       else:
          return EMPTY
     else:
       return ERROR DIR
  except:
    return ERROR DIR
Main.html
<html id="html">
 <head>
  <meta charset="utf-8">
  <title>[ DISK ]</title>
  <link rel="icon" href="/static/img/favicon/main.svg" type="image/svg+xml">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  link rel="stylesheet" href = "static/css/main.1.css"/>
  link rel="stylesheet" href = "static/css/topBar.1.css"/>
  link rel="stylesheet" href = "static/css/leftBar.1.css"/>
  link rel="stylesheet" href = "static/css/rightBar.1.css"/>
  link rel="stylesheet" href = "static/css/path select.1.css"/>
  link rel="stylesheet" href = "static/css/apps.1.css"/>
  k rel="stylesheet" href = "static/css/file.1.css"/>
```

```
<link rel="stylesheet" href = "static/css/checkBox.1.css"/>
  k rel="stylesheet" href = "static/css/range.1.css"/>
  link rel="stylesheet" href = "static/css/dialog.1.css"/>
 </head>
 <body class="scroll style" ondragstart="return false;" ondrop="return false;">
  <div id="file list div" class="file list">
   ul id="file list" style="overflow-x:hidden;">
  </div>
  <div id="selected files div" class="selected files div" style="display: none">
   <!--информация о выбранных файлах и каталогах-->
   <div id="file list block" style="display: none">
    <div id="file select all button" class="file activity button block select button margin"</pre>
onclick="all files checkBox()">
     <div style="position: absolute; margin: 4px 8px">
       <input type="checkbox" class="custom-checkbox checkBox file"</pre>
id="checkbox select all" name="checkbox select all">
       <label for="checkbox select all"></label>
     </div>
    </div>
    <!--количество выбранных файлов-->
    <div class="file list info div">
     Selected:
0 
    </div>
    <!--кнопка для закрытия-->
    <div id="file list delete button" class="round_button_file_list file_list_close_button</pre>
block select button margin" onclick="undo files checkBox(); close selected files div();">
     <img class="icon" width="30" height="30" src="static/img/cross.svg">
    </div>
    <!--кнопка для скачивания выбранных файлов-->
    <a id="file list download button" href="" download="test">
     <div class="round button file list file list download button block select
button margin">
       <img class="icon" width="20" height="20" src="static/img/download.svg">
     </div>
    </a>
    <!--кнопка для удаления выбранных файлов-->
    <div id="file list delete button" class="round button file list file list delete button
block select button margin" onclick="delete_file_dialog()">
     <img class="icon" width="20" height="20" src="static/img/trash.svg">
    </div>
    <!--кнопка для копирования выбранных файлов-->
```

```
<div id="file list copy button" class="round button file list file list copy button</pre>
block select button margin" onclick="copy file buf()">
     <img class="icon" width="20" height="20" src="static/img/copy.svg">
    </div>
    <!--кнопка для копирования выбранных файлов-->
    <div id="file list cut button" class="round button file list file list cut button</pre>
block_select button_margin" onclick="copy file buf(true)">
     <img class="icon" width="20" height="20" src="static/img/cut.svg">
    </div>
   </div>
   <!--панель с информацией и кнопками для вставки файлов-->
   <div id="copy or paste block" style="display: none">
    <!--количество выбранных файлов-->
    <div class="file list info div">
     3px;">Selected: 0 
    </div>
    <!--кнопка для закрытия-->
    <div id="file list delete button" class="file list close button block select button margin"</pre>
onclick="undo files checkBox(); close selected files div();">
     <img class="icon" width="30" height="30" src="static/img/cross.svg">
    </div>
    <!--кнопка для вставки выбранных файлов-->
    <div id="file list paste button" class="file list paste button block select button margin"</pre>
onclick="paste files()">
     <img class="icon" width="20" height="20" src="static/img/copy.svg">
     paste
    </div>
   </div>
  </div>
  <div class="leftBar">
   <!--->
   <div style="position: absolute; left: 20px; top: 55px">
    <input type="checkbox" class="custom-checkbox" id="checkbox draw type list"</pre>
name="checkbox draw type list" value="yes" onchange="switch draw type('list', this)"
checked>
    <label for="checkbox draw type list">
     <img class="icon" width="30" height="30" src="static/img/file list.svg">
    </label>
   </div>
   <div style="position: absolute; left: 90px; top: 55px">
    <input type="checkbox" class="custom-checkbox" id="checkbox draw type grid"</pre>
name="checkbox draw type grid" value="yes" onchange="switch draw type('grid', this)">
```

```
<label for="checkbox draw type grid">
     <img class="icon" width="30" height="30" src="static/img/file table.svg">
    </label>
   </div>
   <div class="small button style block select button margin" style="top: 95px; width: 180px;</pre>
left: 10px;" onclick="create file dialog(true)">
    <img class="icon" width="20" height="20" src="static/img/new folder.svg">
    create folder
   </div>
   <div class="small button style block select button margin" style="top: 138px; width:</p>
180px; left: 10px;" onclick="create file dialog()">
    <img class="icon" width="20" height="20" src="static/img/files/file.svg">
    create file
   </div>
   <label for="fileElem">
    <div class="small button style block select button margin" style="top: 190px; width:</pre>
180px; left: 10px;">
     <img class="icon" width="20" height="20" src="static/img/upload.svg">
     upload file
    </div>
   </label>
   <!--терминал-->
   <div id="apps list main" style="display: none">
    <div class="apps button style block select">
     <img class="icon" style="margin: 6px 6px" width="30" height="30"
src="static/img/apps.svg">
     apps
     0
elements
     <img class="icon" style="position:absolute; right: 40px; top: 15px; cursor: pointer"</pre>
width="15" height="15" src="static/img/admin/refresh.svg" onclick="get_my_apps()">
     <img class="icon" style="position:absolute; right: 15px; top: 15px; cursor: pointer"</pre>
width="15" height="15" src="static/img/add.svg" onclick="create apps dialog()">
    </div>
    <div id="app search div" class="app search div">
     <input id="app search input" class="input style" type=text placeholder="filter"</pre>
oninput="debounce(search app input, 50)()">
    <div id="apps empty message" class="apps empty message">
     Application list is empty
    <div id="apps list div" class="apps list div scroll scroll style">
     <div class="apps list div">
      ul id="apps list">
     </div>
    </div>
   </div>
```

```
<!--информация о диске-->
   <div class="disk info">
    <img id="disk space img" class="icon" style="margin: 5px 5px" width="18" height="18"</pre>
src="static/img/dvd-disk.svg">
    Loading...
   </div>
   <!--информация о диске в виде прогресс бара-->
   <div class="disk space" id="disk space div">
    <div id="disk space progress" class="disk space progress"></div>
   </div>
  </div>
  <!--информационная панель-->
  <div id="rightBar" class="rightBar" style="display: none">
   <!--закрытие панели-->
   <div class="file close button block select button margin" onclick="close rightBar()">
    <img class="icon" width="20" height="20" src="static/img/cross.svg">
   </div>
   <!--информация о выбранном файле-->
   <div id="file info block" style="display: none">
    <!--иконка и имя файла-->
    <div class="file ico name div">
     <img id="file icon" class="icon" style="margin: 10px 10px" width="40" height="40"</pre>
src="static/img/files/file.svg">
     <input id="fileName input" class="app input ok input style fileName input" style=""</pre>
type=text placeholder="file name" onkeypress="return rename file enter(event)">
    </div>
    <!--информация о файле-->
    <div class="file info div">
     type: None
     size: None
     path: None
     date of change: None
     <textarea class="input style fileDescription" style="display: none"></textarea>
    </div>
    <!--кнопка скачивания-->
    <a id="file download button" href="" download="test">
     <div class="round button file download button block select button margin">
      <img class="icon" width="20" height="20" src="static/img/download.svg">
      download
     </div>
    </a>
    <!--кнопка удаления файла-->
    <div id="file delete button" class="round button file delete button block select</pre>
button margin">
     <img class="icon" width="20" height="20" src="static/img/trash.svg">
```

```
delete
    </div>
    <div id="file activity view" class="activity container">
      <div class="preview text" id="preview archive div">
       <div class="preview archive input style scroll style">
        ul id="preview archive ul" class="preview archive ul">
       </div>
     </div>
     <div class="preview text" id="preview text div">
       <textarea id="preview text textarea" class="preview text textarea input style
scroll style" readonly></textarea>
     </div>
     <div class="preview pdf" id="preview pdf div">
       <iframe id="preview pdf iframe" class="preview pdf iframe"></iframe>
     </div>
     <div class="preview image" id="preview image div">
       <img id="preview image" class="preview image image" width="300px" src=""</pre>
onclick="image fullscreen()"/>
       <div class="preview display type">
        <label for="" style="position: absolute; margin: 0px 10px;">
         Rendering type:
         <select onchange="preview image type(this)" class="preview rendering selector"</pre>
id="preview image type" style="margin: 0px 5px">
          <option value="auto">auto</option>
          <option value="crisp-edges">crisp-edges</option>
          <option value="pixelated">pixelated</option>
          <option value="initial">initial</option>
          <option value="inherit">inherit</option>
         </select>
        </label>
       </div>
     </div>
     <div class="preview video" id="preview video div">
       <video class="preview video player" id="preview video" width="300px"
onclick="play video()"></video>
       <div class="preview video controls">
        <img id="preview play pause video" class="icon" width="20" height="20"</pre>
style="position: absolute; margin: 2px 6px;" src="static/img/player/play.svg"
onclick="play video()"/>
        <input type="range" id="preview_video_volume" style="width: 65px; position:</pre>
absolute; right: 20px; bottom: 8px" name="" min="0" max="100" value="50" step="1"
oninput="set volume video(this.value)" onchange="set volume video(this.value)">
        <input type="range" id="preview video input duration" style="position: absolute; left:</pre>
30px; right: 95px; bottom: 8px" name="" min="0" max="100" value="0" step="1"
onchange="set duration video(this.value)" onmouseover="video duration hover = true"
onmouseout="video duration hover = false"
```

```
onmousemove="showTooltip video duration(event)">
        <img id="preview fullscreen video" class="icon" width="20" height="20"</p>
style="position: absolute; margin: 2px 4px; right: 2px" src="static/img/player/fullscreen.svg"
onclick="full screen()"/>
        <div class="preview video duration info" id="preview video duration info">
         </div>
      </div>
      <div class="preview audio block select" id="preview audio div" style="height: 100px;</pre>
cursor: default:">
       <div style="height: 50px;"></div>
       <audio id="preview audio" style="margin: 5px 0px; display: none" width="300px"
controls></audio>
       <img id="preview play pause audio" class="icon" width="40" height="40"</pre>
style="position: absolute; margin: 6px 4px;" src="static/img/player/play.svg"
onclick="play audio()"/>
       <img class="icon" width="20" height="20" style="position: absolute; left: 45px;"</pre>
src="static/img/player/back.svg" onclick="next_audio(true)"/>
       <img class="icon" style="transform: rotate(-180deg); position: absolute; right: 4px;"
width="20" height="20" src="static/img/player/back.svg" onclick="next_audio()"/>
       <input id="preview audio name" class="preview audio name" style="left: 80px; right:</pre>
40px; margin-top: 4px;" type=text placeholder="file name" onkeypress="" readonly>
       <input type="range" id="preview audio volume" style="width: 70px; position: absolute;</pre>
right: -4px; bottom: 8px" name="cowbell" min="0" max="100" value="50" step="1"
oninput="set volume audio(this.value)" onchange="set volume audio(this.value)">
       <input type="range" id="preview audio input duration" style="position: absolute; left:</pre>
45px; right: 75px; bottom: 8px" name="cowbell" min="0" max="100" value="0" step="1"
onchange="set duration audio(this.value)" onmouseover="audio duration hover = true"
onmouseout="audio duration hover = false">
      </div>
      <!-- редактирование (text) -->
      <div id="file activity edit button" class="round button file activity button block select</pre>
button margin" style="width: 140px; display: none" onclick="()">
       <img class="icon" width="20" height="20" src="static/img/activity/edit.svg">
       open editor
      </div>
      <!-- распаковка (zip) -->
      <div id="file activity unpack button" class="round button file activity button</pre>
block select button margin" style="width: 140px; display: none"
onclick="activity unpack file()">
       <img class="icon" width="20" height="20" src="static/img/activity/unzip.svg">
       unpack
      </div>
      <!-- просмотр (pdf) -->
      <a id="file activity view button href" target=" blank">
       <div id="file activity view button" class="round button file activity button</pre>
block select button margin" style="width: 140px; display: none" onclick="()">
```

```
view
       </div>
      </a>>
      <!-- открытие оригинала (photo) -->
      <div id="file_activity_original_button" class="round_button file_activity_button"</pre>
block select button margin" style="width: 140px; display: none" onclick="()">
       <img class="icon" width="20" height="20" src="static/img/activity/see.svg">
       open original
      </div>
      <div id="preview info" class="preview info">
       <div style="position: absolute; margin: -7px 12px">
        <input type="checkbox" class="custom-checkbox" id="checkbox preview image"</pre>
name="checkbox preview image" value="yes" onchange="load preview()">
        <label for="checkbox_preview image">show preview</label>
       </div>
      </div>
    </div>
   </div>
  </div>
  <div class="topBar">
   <!--кнопки для навигации-->
   <img id="go back" class="icon topBar path buttons block select button margin"</p>
style="left: 210px; transform: rotate(-90deg)" width="30" height="30" src="static/img/arrow
up.svg" onclick="go back dir history()">
   <img id="go forward" class="icon topBar path buttons block select button margin"</p>
style="left: 210px; transform: rotate(90deg)" width="30" height="30" src="static/img/arrow
up.svg" onclick="go forward dir history()">
   <img id="refresh" class="icon topBar path buttons block select button margin" style="left:</pre>
210px" width="30" height="30" src="static/img/refresh.svg" onclick="update_dir()">
   <img id="go home" class="icon topBar path buttons block select button margin"</p>
style="left: 210px" width="30" height="30" src="static/img/home.svg" onclick="go home()">
   <input id="path" class="input style path input" type=text placeholder="Path"</pre>
onkeypress="return parse dir enter(event)">
   <!--поиска файлов (не используется)-->
   <div class="search div" style="display: none">
    <input id="searh input" class="input style" style="left: 240px; width: 200px; top: -2px;"</pre>
type=text placeholder="Path">
   </div>
  </div>
  <!--затемнённый фон (для настроек)-->
  <div id="background black" class="background black" style="display: none"</pre>
onclick="close user()"></div>
```

<img class="icon" width="20" height="20" src="static/img/activity/see.svg">

```
<div id="leftBar user" class="leftBar user" style="display: none">
   <div id="admin panel" class="small button style block select button margin" style="top:</p>
50px; width: 180px; left: 10px; display: none;" onclick="openInNewTab('admin')">
    <img class="icon" width="20" height="20" src="static/img/admin/dashboard.svg">
    admin panel
   </div>
   <div id="other options" style="position: absolute; top: 42px; width: 100%;">
    Interface
    <div class="settings element">
     <input type="checkbox" class="custom-checkbox top checkBox"</pre>
id="lightThame_chekcbox" name="lightThame_chekcbox" value="yes"
onchange="checkBox thame(this)">
     <label for="lightThame chekcbox">Light theme</label>
    </div>
    <div class="settings element">
     <input type="checkbox" class="custom-checkbox top checkBox"</pre>
id="file icons chekcbox" name="file icons chekcbox" value="yes"
onchange="checkBox file icons(this)">
     <label for="file icons chekcbox">Colored file icons</label>
    </div>
    <div class="settings element">
     <input type="checkbox" class="custom-checkbox top_checkBox"</pre>
id="space status chekcbox" name="space status chekcbox" value="yes"
onchange="checkBox space status(this)">
     <label for="space status chekcbox">Colored space status</label>
    </div>
    User
    <div id="" class="settings element button small button style block select button margin"</pre>
style="" onclick="change login dialog()">
     <img class="icon" width="20" height="20" src="static/img/user.svg">
     change login
    </div>
    <div id="" class="settings element button small button style block select button margin"</pre>
onclick="change password dialog()">
     <img class="icon" width="20" height="20" src="static/img/admin/login.svg">
     change password
    </div>
   </div>
   <!--версия-->
   <div class="div ver" style="position: absolute; left: 0px; bottom: 40px; width: var(--width-</pre>
left-bar)" align="left">
    <a href="javascript:open git releases()">ver:
{{ version }}</a>
   </div>
   <!--кнопка для выхода из аккаунта-->
   <div class="button exit style small button style block select button margin"</pre>
```

```
onclick="logout()">
    <img class="icon" width="20" height="20" src="static/img/logout.svg">
   logout
   </div>
  </div>
  <div id="path select list div" class="path select list div" style="display: none">
   </div>
  <!--кнопка для открытия настроек-->
  <div id="user button" class="user button no selected_color user_button block_select</pre>
button margin" onclick="open close user button()">
   <img id="user avatar" class="icon topBar" style="margin: 0px 15px" width="25"</pre>
height="25" src="static/img/user.svg">
   #959DA5; font-size: 1em">
   Loading...
   <img id="user button triangle" class="icon topBar" style="position:absolute; right: 10px;</pre>
top: 10px" width="10" height="10" src="static/img/triangle.svg">
  </div>
  <!--кнопка для выбора диска-->
  <div id="path select button" class="path_select_button"</pre>
path select button no selected color block select button margin"
onclick="open close path button()">
   <img id="disk image" class="icon topBar" style="margin: 10px 15px" width="25"</pre>
height="25" src="static/img/dvd-disk.svg">
   42px 45px; color: #959DA5">1Gb
   45px">home
   <img id="path select button triangle" class="icon topBar" style="position:absolute; right:</pre>
10px; top: 10px" width="10" height="10" src="static/img/triangle.svg">
  </div>
  <!--окно приложения-->
  <div id="dialog bg" class="dialog backgound" onclick="close dialogs()" style="display:</p>
none"></div>
  <!--диалоговые окна-->
  <!-- Загрузка файла -->
  <div id="dialog upload" class="dialog style scroll style" style="display: none">
   ul id="file upload ul" class="file upload ul">
   <!-- <div class="file upload info">
   <img class="icon anim rotate" style="position: absolute; right: 10px; top: 0px;"</pre>
width="45" height="45" src="static/img/dvd-disk.svg">
    Upload 0 files...
   <h3 id="upload file name" style="margin: 10px 10px;">test.txt</h3>
   </div> -->
```

```
<!--информация о диске в виде прогресс бара-->
   <!-- <p style="position: absolute; right: 8px; bottom: 3px; margin: 0px;">100%
   <div class="upload bg">
    <div id="upload progress" class="upload progress"></div>
   </div>-->
  </div>
  <!-- Изменение логина -->
  <div id="dialog change login" class="dialog style" style="height: 180px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close change login dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <div class="dialog info">
    <img class="icon" style="position: absolute; left: 10px; top: 10px;" width="40"</pre>
height="40" src="static/img/user.svg">
    <input id="new login input" class="app input ok input style create fileName input"</p>
type=text placeholder="new login" autocomplete="off">
   </div>
   <div style="position: absolute; top: 90px; left: 0px; right: 0px; text-align: center;">
    The login can only be made up of Latin alphabet characters and
numbers.
   </div>
   <div class="round button dialog button block select" style="left: 10px; bottom: 10px;</pre>
width: 100px;" onclick="change login()">
    change
   </div>
  </div>
  <!-- Изменение пароля -->
  <div id="dialog change password" class="dialog style" style="height: 245px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close change password dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <div id="old pass div" class="app input ok input text" style="left: 15px; top: 45px; right:</pre>
15px;">
    current:
    <input id="old pass input" style="left: 60px;" class="input_style create_fileName_input"</pre>
type=password placeholder="..." autocomplete="off">
```

```
</div>
   <div id="new pass div" class="app input ok input text" style="left: 15px; top: 90px; right:</pre>
15px;">
    new:
    <input id="new pass input" style="left: 60px;" class="input style create fileName input"</pre>
type=password placeholder="..." autocomplete="off">
   </div>
   <div id="new pass repeat div" class="app input ok input text" style="left: 15px; top:</pre>
125px; right: 15px;">
    repeat:
    <input id="new pass repeat input" style="left: 60px;" class="input style</pre>
create fileName input" type=password placeholder="..." autocomplete="off">
   </div>
   <div style="position: absolute; top: 150px; left: 0px; right: 0px; text-align: center;">
    The length of the new password must be at least 4 characters
   </div>
   <!-- <div style="position: absolute; top: 160px; left: 0px; right: 0px; text-align: center;">
    After changing the password, you will need to re-log in to your
account
   </div>-->
   <div class="round button dialog button block select" style="left: 10px; bottom: 10px;</pre>
width: 100px;" onclick="change password()">
    change
   </div>
  </div>
  <!-- окно приложения -->
  <div id="dialog main app" class="main app dialog" style="">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close main app dialog()">
      <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
    <div id="app new window button" class="dialog new window button block select</pre>
button margin" style="right: 100px;" onclick="">
     <img class="icon" width="20" height="20" src="static/img/new-window.svg">
     open in new tab
    </div>
   </div>
   <div id="main app" class="main app">
    <ir><iframe id="main app frame" class="main app frame" style="width: 100%; height:</r>
100%;"></iframe>
   </div>
  </div>
```

```
<!-- создание приложения -->
  <div id="dialog create apps" class="dialog style" style="height: 350px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close create apps dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <div class="apps buttons container">
    ul id="apps buttons">
   </div>
   <div id="apps main div" class="apps main div"></div>
   <div class="round button dialog button block select" style="right: 10px; bottom: 10px;</pre>
width: 100px;" onclick="append app()">
    create
   </div>
  </div>
  <!-- удаление приложения -->
  <div id="dialog delete app" class="dialog style" style="height: 160px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close delete app dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   center;">Do you really want to delete this app?
   <p id="delete app name" style="position: absolute; top: 60px; left: 0px; width: 100%; text-
align: center;">
   <div class="round button dialog button block select" style="right: 10px; bottom: 10px;</pre>
width: 100px;" onclick="close delete app dialog()">
    cancel
   </div>
   <div id="delete app button" class="round button red dialog button block select"</pre>
style="right: 120px; bottom: 10px; width: 100px;">
    delete
   </div>
  </div>
  <!-- только для чтения -->
  <div id="dialog readonly" class="dialog style" style="height: 160px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
```

```
onclick="close readonly dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <img class="icon" width="60" height="60" style="position: absolute; right: 30px; top:</pre>
45px;" src="static/img/warning.svg">
   <a>h3 style="position: absolute; top: 40px; left: 110px;" align="right">This path is read-</a>
only.</h3>
   <div class="round button dialog button block select" style="left: 10px; bottom: 10px;</pre>
width: 100px;" onclick="close readonly dialog()">
    ok
   </div>
  </div>
  <!-- нехватка места -->
  <div id="dialog no place" class="dialog style" style="height: 160px;">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close no place dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <img class="svg orage" width="60" height="60" style="position: absolute; right: 30px; top:</pre>
45px;" src="static/img/warning.svg">
   <a>h3 style="position: absolute; top: 40px; left: 110px;" align="right">There is no disk space</a>
to modify the file.</h3>
   Delete unnecessary files
or ask the administrator to increase the limit.
   <div class="round button dialog button block select" style="left: 10px; bottom: 10px;</pre>
width: 100px;" onclick="close no place dialog()">
    ok
   </div>
  </div>
  <!-- Удаление файлов -->
  <div id="dialog delete file" class="dialog style">
   <div class="dialog top name">
    <div class="dialog close button block select button margin"</pre>
onclick="close delete file dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   Delete file list:
```

```
<textarea id="delete file list" class="input style fileDescription scroll style"
style="position: absolute; top: 40px; left: 125px; width: 460px; height: 140px;"
readonly></textarea>
   <div id="delete file button" class="round button red dialog button block select"</pre>
style="left: 10px; bottom: 10px; width: 100px;">
    delete
   </div>
  </div>
  <!-- Создание файлов и директорий -->
  <div id="dialog create file" class="dialog style" style="height: 180px;">
   <div class="dialog top name">
    <div class="dialog close button block_select button_margin"</pre>
onclick="close create file dialog()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <div class="dialog info">
    <img class="icon" id="create file image" style="position: absolute; left: 10px; top: 10px;"</p>
width="40" height="40" src="">
    <input id="create fileName input" class="app input ok input style</pre>
create fileName input" type=text placeholder="file name" onkeypress="return
create file enter(event)" autocomplete="off">
   </div>
   <div style="position: absolute; top: 90px; left: 0px; right: 0px; text-align: center;">
    Object name must not be empty and contain extraneous
characters ( / : *? <> |).
   </div>
   <div id="create file button" class="round button dialog button block select" style="left:</pre>
10px; bottom: 10px; width: 100px;">
    create
   </div>
  </div>
  <!--видео в полный экран-->
  <div id="preview video fullscreen div" class="main app dialog block select"</p>
style="display: none">
   <div class="dialog top name">
    <div class="dialog close button block select button margin" onclick="full screen()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   </div>
   <div class="full screen content">
    <video id="preview video fullscreen" class="preview video fullscreen video"
onclick="play video()"></video>
    <div class="preview video fullscreen controls">
```

```
style="position: absolute; margin: 2px 4px; cursor: pointer;" src="static/img/player/play.svg"
onclick="play video()"/>
     <input type="range" id="preview video volume fullscreen" style="width: 65px; position:</pre>
absolute; right: 20px; bottom: 8px" name="" min="0" max="100" value="50" step="1"
oninput="set volume video(this.value)" onchange="set volume video(this.value)">
     <input type="range" id="preview video input duration fullscreen" style="position:</pre>
absolute; left: 30px; right: 95px; bottom: 8px" name="" min="0" max="100" value="0"
step="0.1" onchange="set duration video(this.value)" onmouseover="video duration hover =
true" onmouseout="video duration hover = false"
onmousemove="showTooltip video duration(event)">
      <img id="preview fullscreen video fullscreen" class="icon" width="20" height="20"</p>
style="position: absolute; margin: 2px 4px; right: 0px; cursor: pointer;"
src="static/img/player/fullscreen.svg" onclick="full screen()"/>
     <div class="preview video duration info"</pre>
id="preview video duration info fullscreen">
       </div>
    </div>
   </div>
  </div>
  <!--изображение на полный экран-->
  <div id="preview image fullscreen div" class="main app dialog block select">
   <div class="dialog top name">
    <div class="preview display type fullscreen">
     <label for="" style="position: absolute; margin: 0px 10px; left: 0px;">
       Rendering type:
       <select onchange="preview image type(this)" class="preview rendering selector"</pre>
id="preview image type fullscreen" style="margin: 0px 5px">
        <option value="auto">auto
        <option value="crisp-edges">crisp-edges</option>
        <option value="pixelated">pixelated</option>
        <option value="initial">initial</option>
        <option value="inherit">inherit</option>
       </select>
     </label>
    </div>
    <div class="dialog close button block select button margin"</pre>
onclick="image fullscreen()">
     <img class="icon" width="20" height="20" src="static/img/cross.svg">
     close
    </div>
   <div class="full screen content">
    <img id="preview_image_fullscreen" class="preview image fullscreen image" src=""</pre>
style=""/>
    <div class="preview image fullscreen move" style="left: 0px"</pre>
onclick="next image(true)">
```

<img id="preview play pause video fullscreen" class="icon" width="20" height="20"</pre>

```
<img class="icon" width="100%" height="100%" style="transform: rotate(-180deg)"</pre>
src="static/img/player/back-image.svg"/>
     </div>
     <div class="preview image fullscreen move" style="right: 0px" onclick="next image()">
      <img class="icon" width="100%" height="100%" src="static/img/player/back-</pre>
image.svg"/>
     </div>
   </div>
  </div>
  <div id="drag and drop div" style="display: none">
   <div class="dialog backgound" style="display: block"></div>
   <div class="drag and drop border">
     <h1 style="width: 100%; text-align: center;">Drag and drop files here to upload</h1>
   </div>
  </div>
  <input name="fileElem" type="file" id="fileElem" style="display: none;" multiple</pre>
onchange="uploadFileNODD(this.files)">
 </body>
 <script>
  var mobile = false;
 </script>
 <script type="text/javascript" src="static/js/main.1.js"></script>
 <script type="text/javascript" src="static/js/theme.1.js"></script>
 <script type="text/javascript" src="static/js/info.1.js"></script>
 <script type="text/javascript" src="static/js/user.1.js"></script>
 <script type="text/javascript" src="static/js/upload file.1.js"></script>
 <script type="text/javascript" src="static/js/player.1.js"></script>
 <script type="text/javascript" src="static/js/file/globals.1.js"></script>
 <script type="text/javascript" src="static/js/file/append.1.js"></script>
 <script type="text/javascript" src="static/js/file/dialogs.1.js"></script>
 <script type="text/javascript" src="static/js/file/preview.1.js"></script>
 <script type="text/javascript" src="static/js/file/select.1.js"></script>
 <script type="text/javascript" src="static/js/file/sort.1.js"></script>
 <script type="text/javascript" src="static/js/file/move.1.js"></script>
 <script type="text/javascript" src="static/js/file/routes.1.js"></script>
 <script type="text/javascript" src="static/js/file/render.1.js"></script>
 <script type="text/javascript" src="static/js/apps.1.js"></script>
</html>
```