ГУАП

КАФЕДРА № 43

ОТЧЕТ   
ЗАЩИЩЕН С ОЦЕНКОЙ

ПРЕПОДАВАТЕЛЬ

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| Старший преподаватель |  |  |  | Соловьева Н.А. |
| должность, уч. степень, звание |  | подпись, дата |  | инициалы, фамилия |

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| ОТЧЕТ О ЛАБОРАТОРНОЙ РАБОТЕ №7  **Асинхронное клиент-серверное взаимодействие**  **с использованием Ajax и JSON** |
| **по дисциплине: Web-Технологии** |
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РАБОТУ ВЫПОЛНИЛ

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| СТУДЕНТ ГР. | 4134к |  |  |  | Столяров Н.С. |
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Санкт-Петербург

2024

**Цель работы**: изучение и применение на практике технологии AJAX.

**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

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| // 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; i++) {  file = files\_json['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\_json['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;  }  }  /\*------------------------------активности------------------------------\*/  // 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

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| @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

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| <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"/>  <link rel="stylesheet" href = "static/css/file.1.css"/>  <link rel="stylesheet" href = "static/css/checkBox.1.css"/>  <link 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;"></ul>  </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" onclick="all\_files\_checkBox()">  <div style="position: absolute; margin: 4px 8px">  <input type="checkbox" class="custom-checkbox checkBox\_file" 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">  <p id="file\_list\_files\_folders" style="position: absolute; left: 40px; top: -3px;">Selected: 0</p>  </div>  <!--кнопка для закрытия-->  <div id="file\_list\_delete\_button" class="round\_button\_file\_list file\_list\_close\_button 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 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 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">  <p id="cop\_file\_list\_files\_folders" style="position: absolute; left: 5px; top: -3px;">Selected: 0</p>  </div>  <!--кнопка для закрытия-->  <div id="file\_list\_delete\_button" class="file\_list\_close\_button 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 вставки выбранных файлов-->  <div id="file\_list\_paste\_button" class="file\_list\_paste\_button block\_select button\_margin" onclick="paste\_files()">  <img class="icon" width="20" height="20" src="static/img/copy.svg">  <p>paste</p>  </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" 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" 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; left: 10px;" onclick="create\_file\_dialog(true)">  <img class="icon" width="20" height="20" src="static/img/new folder.svg">  <p>create folder</p>  </div>  <div class="small\_button\_style block\_select button\_margin" style="top: 138px; width: 180px; left: 10px;" onclick="create\_file\_dialog()">  <img class="icon" width="20" height="20" src="static/img/files/file.svg">  <p>create file</p>  </div>  <label for="fileElem">  <div class="small\_button\_style block\_select button\_margin" style="top: 190px; width: 180px; left: 10px;">  <img class="icon" width="20" height="20" src="static/img/upload.svg">  <p>upload file</p>  </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">  <p style="margin: -40px 44px">apps</p>  <p id="apps\_count" style="margin: 36px 44px;" class="apps\_button\_style\_online">0 elements</p>  <img class="icon" style="position:absolute; right: 40px; top: 15px; cursor: pointer" 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" 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" oninput="debounce(search\_app\_input, 50)()">  </div>  <div id="apps\_empty\_message" class="apps\_empty\_message">  <p>Application list is empty</p>  </div>  <div id="apps\_list\_div" class="apps\_list\_div\_scroll scroll\_style">  <div class="apps\_list\_div">  <ul id="apps\_list"></ul>  </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" src="static/img/dvd-disk.svg">  <p id="disk\_converted" style="margin: -23px 30px">Loading...</p>  </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" src="static/img/files/file.svg">  <input id="fileName\_input" class="app\_input\_ok input\_style fileName\_input" style="" type=text placeholder="file name" onkeypress="return rename\_file\_enter(event)">  </div>  <!--информация о файле-->  <div class="file\_info\_div">  <p id="file\_type" style="margin-top: 10px;">type: None</p>  <p id="file\_size">size: None</p>  <p id="file\_path" style="white-space: nowrap;">path: None</p>  <p id="file\_date">date of change: None</p>  <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">  <p>download</p>  </div>  </a>  <!--кнопка удаления файла-->  <div id="file\_delete\_button" class="round\_button file\_delete\_button block\_select button\_margin">  <img class="icon" width="20" height="20" src="static/img/trash.svg">  <p>delete</p>  </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"></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="" 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" 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" 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: 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: 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" 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">  <p id="preview\_video\_duration\_info\_p"></p>  </div>  </div>  </div>  <div class="preview\_audio block\_select" id="preview\_audio\_div" style="height: 100px; 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" 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;" 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: 40px; margin-top: 4px;" type=text placeholder="file name" onkeypress="" readonly>  <input type="range" id="preview\_audio\_volume" style="width: 70px; position: absolute; 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: 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 button\_margin" style="width: 140px; display: none" onclick="()">  <img class="icon" width="20" height="20" src="static/img/activity/edit.svg">  <p>open editor</p>  </div>  <!-- распаковка (zip) -->  <div id="file\_activity\_unpack\_button" class="round\_button file\_activity\_button 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">  <p>unpack</p>  </div>  <!-- просмотр (pdf) -->  <a id="file\_activity\_view\_button\_href" target="\_blank">  <div id="file\_activity\_view\_button" class="round\_button file\_activity\_button block\_select button\_margin" style="width: 140px; display: none" onclick="()">  <img class="icon" width="20" height="20" src="static/img/activity/see.svg">  <p>view</p>  </div>  </a>  <!-- открытие оригинала (photo) -->  <div id="file\_activity\_original\_button" class="round\_button file\_activity\_button block\_select button\_margin" style="width: 140px; display: none" onclick="()">  <img class="icon" width="20" height="20" src="static/img/activity/see.svg">  <p>open original</p>  </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" name="checkbox\_preview\_image" value="yes" onchange="load\_preview()">  <label for="checkbox\_preview\_image"><p>show preview</p></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" 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" 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: 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" 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" 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;" type=text placeholder="Path">  </div>  </div>  <!--затемнённый фон (для настроек)-->  <div id="background\_black" class="background\_black" style="display: none" onclick="close\_user()"></div>  <div id="leftBar\_user" class="leftBar\_user" style="display: none">  <div id="admin\_panel" class="small\_button\_style block\_select button\_margin" style="top: 50px; width: 180px; left: 10px; display: none;" onclick="openInNewTab('admin')">  <img class="icon" width="20" height="20" src="static/img/admin/dashboard.svg">  <p>admin panel</p>  </div>  <div id="other\_options" style="position: absolute; top: 42px; width: 100%;">  <p class="settings\_name">Interface</p>  <div class="settings\_element">  <input type="checkbox" class="custom-checkbox top\_checkBox" id="lightThame\_chekcbox" name="lightThame\_chekcbox" value="yes" onchange="checkBox\_thame(this)">  <label for="lightThame\_chekcbox"><p>Light theme</p></label>  </div>  <div class="settings\_element">  <input type="checkbox" class="custom-checkbox top\_checkBox" id="file\_icons\_chekcbox" name="file\_icons\_chekcbox" value="yes" onchange="checkBox\_file\_icons(this)">  <label for="file\_icons\_chekcbox"><p>Colored file icons</p></label>  </div>  <div class="settings\_element">  <input type="checkbox" class="custom-checkbox top\_checkBox" id="space\_status\_chekcbox" name="space\_status\_chekcbox" value="yes" onchange="checkBox\_space\_status(this)">  <label for="space\_status\_chekcbox"><p>Colored space status</p></label>  </div>  <p class="settings\_name">User</p>  <div id="" class="settings\_element\_button small\_button\_style block\_select button\_margin" style="" onclick="change\_login\_dialog()">  <img class="icon" width="20" height="20" src="static/img/user.svg">  <p>change login</p>  </div>  <div id="" class="settings\_element\_button small\_button\_style block\_select button\_margin" onclick="change\_password\_dialog()">  <img class="icon" width="20" height="20" src="static/img/admin/login.svg">  <p>change password</p>  </div>  </div>  <!--версия-->  <div class="div\_ver" style="position: absolute; left: 0px; bottom: 40px; width: var(--width-left-bar)" align="left">  <p style="margin: 10px 10px"><a href="javascript:open\_git\_releases()">ver: {{ version }}</a></p>  </div>  <!--кнопка для выхода из аккаунта-->  <div class="button\_exit\_style small\_button\_style block\_select button\_margin" onclick="logout()">  <img class="icon" width="20" height="20" src="static/img/logout.svg">  <p>logout</p>  </div>  </div>  <div id="path\_select\_list\_div" class="path\_select\_list\_div" style="display: none">  <ul id="path\_list" style="position: absolute; top: -14px;"></ul>  </div>  <!--кнопка для открытия настроек-->  <div id="user\_button" class="user\_button\_no\_selected\_color user\_button block\_select button\_margin" onclick="open\_close\_user\_button()">  <img id="user\_avatar" class="icon\_topBar" style="margin: 0px 15px" width="25" height="25" src="static/img/user.svg">  <p class="top\_bar\_font\_color" id="user\_status" style="margin: -22px 45px; color: #959DA5; font-size: 1em"></p>  <p class="top\_bar\_font\_color" id="user\_name" style="margin: 15px 45px">Loading...</p>  <img id="user\_button\_triangle" class="icon\_topBar" style="position:absolute; right: 10px; 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 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" height="25" src="static/img/dvd-disk.svg">  <p class="top\_bar\_font\_color" id="path\_status\_size" style="position: absolute; margin: -42px 45px; color: #959DA5">1Gb</p>  <p class="top\_bar\_font\_color" id="path\_name" style="position: absolute; margin: -28px 45px">home</p>  <img id="path\_select\_button\_triangle" class="icon\_topBar" style="position:absolute; right: 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: 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"></ul>  <!---->  <!-- <div class="file\_upload\_info">  <img class="icon anim\_rotate" style="position: absolute; right: 10px; top: 0px;" width="45" height="45" src="static/img/dvd-disk.svg">  <p id="upload\_file\_count" style="margin: 10px 10px;">Upload 0 files...</p>  <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%</p>  <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" onclick="close\_change\_login\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <div class="dialog\_info">  <img class="icon" style="position: absolute; left: 10px; top: 10px;" width="40" height="40" src="static/img/user.svg">  <input id="new\_login\_input" class="app\_input\_ok input\_style create\_fileName\_input" type=text placeholder="new login" autocomplete="off">  </div>  <div style="position: absolute; top: 90px; left: 0px; right: 0px; text-align: center;">  <p style="width: 100%;">The login can only be made up of Latin alphabet characters and numbers.</p>  </div>  <div class="round\_button dialog\_button block\_select" style="left: 10px; bottom: 10px; width: 100px;" onclick="change\_login()">  <p style="margin: 5px 28px">change</p>  </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" onclick="close\_change\_password\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <div id="old\_pass\_div" class="app\_input\_ok input\_text" style="left: 15px; top: 45px; right: 15px;">  <p>current:</p>  <input id="old\_pass\_input" style="left: 60px;" class="input\_style create\_fileName\_input" type=password placeholder="..." autocomplete="off">  </div>  <div id="new\_pass\_div" class="app\_input\_ok input\_text" style="left: 15px; top: 90px; right: 15px;">  <p>new:</p>  <input id="new\_pass\_input" style="left: 60px;" class="input\_style create\_fileName\_input" type=password placeholder="..." autocomplete="off">  </div>  <div id="new\_pass\_repeat\_div" class="app\_input\_ok input\_text" style="left: 15px; top: 125px; right: 15px;">  <p>repeat:</p>  <input id="new\_pass\_repeat\_input" style="left: 60px;" class="input\_style create\_fileName\_input" type=password placeholder="..." autocomplete="off">  </div>  <div style="position: absolute; top: 150px; left: 0px; right: 0px; text-align: center;">  <p style="width: 100%;">The length of the new password must be at least 4 characters</p>  </div>  <!-- <div style="position: absolute; top: 160px; left: 0px; right: 0px; text-align: center;">  <p style="width: 100%;">After changing the password, you will need to re-log in to your account</p>  </div> -->  <div class="round\_button dialog\_button block\_select" style="left: 10px; bottom: 10px; width: 100px;" onclick="change\_password()">  <p style="margin: 5px 28px">change</p>  </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" onclick="close\_main\_app\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  <div id="app\_new\_window\_button" class="dialog\_new\_window\_button block\_select button\_margin" style="right: 100px;" onclick="">  <img class="icon" width="20" height="20" src="static/img/new-window.svg">  <p>open in new tab</p>  </div>  </div>  <div id="main\_app" class="main\_app">  <iframe id="main\_app\_frame" class="main\_app\_frame" style="width: 100%; height: 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" onclick="close\_create\_apps\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <div class="apps\_buttons\_container">  <ul id="apps\_buttons"></ul>  </div>  <div id="apps\_main\_div" class="apps\_main\_div"></div>  <div class="round\_button dialog\_button block\_select" style="right: 10px; bottom: 10px; width: 100px;" onclick="append\_app()">  <p style="margin: 5px 28px">create</p>  </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" onclick="close\_delete\_app\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <p style="position: absolute; top: 30px; font-size: 1.1em; left: 0px; width: 100%; text-align: center;">Do you really want to delete this app?</p>  <p id="delete\_app\_name" style="position: absolute; top: 60px; left: 0px; width: 100%; text-align: center;"></p>  <div class="round\_button dialog\_button block\_select" style="right: 10px; bottom: 10px; width: 100px;" onclick="close\_delete\_app\_dialog()">  <p style="margin: 5px 28px">cancel</p>  </div>  <div id="delete\_app\_button" class="round\_button red\_dialog\_button block\_select" style="right: 120px; bottom: 10px; width: 100px;">  <p style="margin: 5px 28px">delete</p>  </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" onclick="close\_readonly\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <img class="icon" width="60" height="60" style="position: absolute; right: 30px; top: 45px;" src="static/img/warning.svg">  <h3 style="position: absolute; top: 40px; left: 110px;" align="right">This path is read-only.</h3>  <p style="position: absolute; top: 70px; left: 50px;" align="right"></p>  <div class="round\_button dialog\_button block\_select" style="left: 10px; bottom: 10px; width: 100px;" onclick="close\_readonly\_dialog()">  <p style="margin: 5px 40px">ok</p>  </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" onclick="close\_no\_place\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <img class="svg\_orage" width="60" height="60" style="position: absolute; right: 30px; top: 45px;" src="static/img/warning.svg">  <h3 style="position: absolute; top: 40px; left: 110px;" align="right">There is no disk space to modify the file.</h3>  <p style="position: absolute; top: 70px; left: 50px;" align="right">Delete unnecessary files or ask the administrator to increase the limit.</p>  <div class="round\_button dialog\_button block\_select" style="left: 10px; bottom: 10px; width: 100px;" onclick="close\_no\_place\_dialog()">  <p style="margin: 5px 40px">ok</p>  </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" onclick="close\_delete\_file\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <p style="position: absolute; left: 10px; top: 40px">Delete file list:</p>  <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" style="left: 10px; bottom: 10px; width: 100px;">  <p style="margin: 5px 28px">delete</p>  </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" onclick="close\_create\_file\_dialog()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <div class="dialog\_info">  <img class="icon" id="create\_file\_image" style="position: absolute; left: 10px; top: 10px;" width="40" height="40" src="">  <input id="create\_fileName\_input" class="app\_input\_ok input\_style 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;">  <p style="width: 100%;">Object name must not be empty and contain extraneous characters ( / \ : \* ? < > | ).</p>  </div>  <div id="create\_file\_button" class="round\_button dialog\_button block\_select" style="left: 10px; bottom: 10px; width: 100px;">  <p style="margin: 5px 28px">create</p>  </div>  </div>  <!--видео в полный экран-->  <div id="preview\_video\_fullscreen\_div" class="main\_app\_dialog block\_select" 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">  <p>close</p>  </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">  <img id="preview\_play\_pause\_video\_fullscreen" class="icon" width="20" height="20" 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: 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: 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" 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" id="preview\_video\_duration\_info\_fullscreen">  <p id="preview\_video\_duration\_info\_p\_fullscreen"></p>  </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" id="preview\_image\_type\_fullscreen" 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 class="dialog\_close\_button block\_select button\_margin" onclick="image\_fullscreen()">  <img class="icon" width="20" height="20" src="static/img/cross.svg">  <p>close</p>  </div>  </div>  <div class="full\_screen\_content">  <img id="preview\_image\_fullscreen" class="preview\_image\_fullscreen\_image" src="" style="" />  <div class="preview\_image\_fullscreen\_move" style="left: 0px" onclick="next\_image(true)">  <img class="icon" width="100%" height="100%" style="transform: rotate(-180deg)" 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-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 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> |