**Механизм получения оповещений от СДО на устройстве**

Запрос на получение оповещений от СДО в программе на устройстве выполняется с установленной периодичностью. Для получения поступивших данных для оповещений в базе данных необходимо организовать таблицу и процедуры для считывания определённого количества данных и их удаления после передачи на устройство.

Для отображения сообщений необходима следующая информация:

* Дата и время сообщения
* Заголовок
* Детализация

В процессе работы СДО необходимо удалять оповещения за установленный период.

**Описание API для обмена информацией с новой версией СДО**

Запросы к СДО оформлены в виде POST запроса з заголовком Content-Type: "application/json" и Authorization: "Basic …"

Возвращаемое значение представлено в формате JSON. В случае успешного завершения, результат содержит ключ “data”. Если произошла ошибка, то устанавливается ключ “error”.

**/close/students/mobileApp.asp**

**Получение списка курсов**

Возвращает список курсов, доступных слушателю.

*Входные данные*:

{“command”: “**getCourses**”}

*Результат*: (массив с элементами курсов)

{

"data": [

{

"name": "1",

"modulename": "Общие курсы",

"guid": "{314DFC26-D0D5-4FC4-882E-63C47A608FA9}"

},

{

"name": "Курс скорм",

"modulename": "Общие курсы",

"guid": "{AD5B1ABC-D33F-4DA5-9699-F57882020ED8}"

}

]

}

**Получение всех доступных элементов курса**

Возвращает оглавление всех доступных элементов курса для слушателя.

Расшифровка описания элемента курса:

{

"**name**": "солнце" - наименование,

Для письменной работы через знак пробела добавляется состояние:

* "%oncheck%" – на проверке
* "%failed%" - возврат
* "%passed%" – проверено

"**description**": "",

Для книг – описание

Для тестов – строка в html формате с результатом прохождения теста (аналогично странице слушателя в СДО)

"**guid**": "{D289A0D7-B13C-418A-806F-711810742615}" – идентификатор элемента курса,

"**path**": "/close/store/books/{D289A0D7-B13C-418A-806F-711810742615}/Солнечная система\_2\_new (тест) (СДО).zip" – прямая ссылка на загрузку файла по протоколу HTTP,

Для книг, у которых закреплён один файл, передаётся ссылка на него. Для книг типа \*.html, курсов SCORM, страниц, тестов и письменных работ создаётся **ZIP** архив с содержимым папки хранилища. Архив делается на всю директорию в хранилище и располагается в ней.

Для страниц механизм формирования данных другой и будет получен по другому запросу к API.

"**links**": "" – строка с идентификаторами элементов для ознакомления (через запятую),

"**rate**": 0 – время для ознакомления с материалом в минутах,

"**type**": "" – книги (кроме \*.html)

“html” – книги \*.html

"SCORM" – курсы SCORM

"test" - тесты

"CMP" - страницы

"WRITING" – письменная работа,

"**jsondata**": "" – для письменной работы строка из содержимого в html формате,

"**menu**": true/false – признак показа меню для курсов SCORM,

"**attempt**": 5 – оценка для письменной работы

},

*Входные данные*:

{

"command": "**getCourse**",

"id": "{314DFC26-D0D5-4FC4-882E-63C47A608FA9}"

}

*Результат*: (массив с элементами выбранного курса)

{

"data": [

{

"name": "Adobe Connect Webinar получение демодоступа",

"description": "",

"guid": "{0C56B0F9-9B49-4812-8D03-1ADF8904CE7A}",

"path": "/close/store/books/{0C56B0F9-9B49-4812-8D03-1ADF8904CE7A}/Adobe\_Connect\_Webinar\_получение\_демодоступа.docx",

"links": "",

"rate": 0,

"type": ""

},

{

"name": "image-03-02-22-02-48",

"description": "",

"guid": "{889B1CA7-5756-4215-B3A0-D9123F0E900A}",

"path": "/close/store/books/{889B1CA7-5756-4215-B3A0-D9123F0E900A}/image-03-02-22-02-48.jpeg",

"links": "",

"rate": 1,

"type": ""

},

{

"name": "Mystery mister",

"description": "",

"guid": "{99824654-C5F1-4419-A18F-BFD7BBF407F3}",

"path": "/close/store/books/{99824654-C5F1-4419-A18F-BFD7BBF407F3}/Mystery\_mister.mp4",

"links": "",

"rate": 4,

"type": ""

},

{

"name": "index",

"description": "",

"guid": "{77D73A97-EFA3-4CFC-A0AE-DD5048C1EA0E}",

"path": "/close/store/books/{77D73A97-EFA3-4CFC-A0AE-DD5048C1EA0E}/{77D73A97-EFA3-4CFC-A0AE-DD5048C1EA0E}.zip",

"links": "",

"rate": 0,

"type": "html"

},

{

"name": "Анкета",

"description": "",

"guid": "{428FCF51-AACC-4984-9C53-D54787188AA6}",

"path": "/close/store/books/{428FCF51-AACC-4984-9C53-D54787188AA6}/Анкета.pdf",

"links": "",

"rate": 5,

"type": ""

},

{

"name": "Приложение №3-4. ГОСТ Р 51897-2011",

"description": "",

"guid": "{73167653-CF36-44DF-98E7-18111BA2BF69}",

"path": "/close/store/books/{73167653-CF36-44DF-98E7-18111BA2BF69}/Приложение\_№3-4.\_ГОСТ\_Р\_51897-2011.pdf",

"links": "",

"rate": 5,

"type": ""

},

{

"name": "ПР test",

"description": "",

"guid": "{5E28113D-8B79-4FEB-82C8-7C4336F9C302}",

"path": "",

"type": "CMP",

"links": "",

"rate": 0

},

{

"name": "Активные продажи",

"description": "",

"guid": "{2F745C12-34E5-4BA9-8491-C7B36DB8E0A5}",

"path": "/close/store/books/{2F745C12-34E5-4BA9-8491-C7B36DB8E0A5}/{2F745C12-34E5-4BA9-8491-C7B36DB8E0A5}.zip",

"links": "",

"rate": 0,

"type": "html"

},

{

"name": "ПР %passed%",

"description": "",

"guid": "{FC749313-A1B6-4A11-8B7B-64BE0DA6CC4C}",

"path": "/close/store/writing/writing/{FC749313-A1B6-4A11-8B7B-64BE0DA6CC4C}/{FC749313-A1B6-4A11-8B7B-64BE0DA6CC4C}.zip",

"links": "",

"rate": 0,

"type": "WRITING",

"jsondata": "<p>Zdfgj</p><p>&quot;Sdfg&quot;</p><h1>Dfgg</h1>",

"attempt": 4

},

{

"name": "ПР1 %passed%",

"description": "",

"guid": "{0524C156-3C60-4B25-B8D4-D219ABE20D11}",

"path": "/close/store/writing/writing/{0524C156-3C60-4B25-B8D4-D219ABE20D11}/{0524C156-3C60-4B25-B8D4-D219ABE20D11}.zip",

"links": "",

"rate": 0,

"type": "WRITING",

"jsondata": "<p>РџРїСЂРѕРѕРїРїСЂРѕРѕРѕРѕ</p><h1>Р СЂСЂРѕРѕРѕР»Р»Рѕ</h1><p><br></p>",

"attempt": 5

},

{

"name": "ПР2 %oncheck%",

"description": "",

"guid": "{38873903-95DB-4541-8ECD-E0EA5C2506AF}",

"path": "/close/store/writing/writing/{38873903-95DB-4541-8ECD-E0EA5C2506AF}/{38873903-95DB-4541-8ECD-E0EA5C2506AF}.zip",

"links": "",

"rate": 0,

"type": "WRITING",

"jsondata": "<p>РџСЂРѕРїР°Р» Р±РµР· РІРµСЃС‚Рё</p><p><br></p>",

"attempt": null

},

{

"name": "солнце",

"description": "",

"guid": "{D289A0D7-B13C-418A-806F-711810742615}",

"path": "/close/store/books/{D289A0D7-B13C-418A-806F-711810742615}/Солнечная система\_2\_new (тест) (СДО).zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Основы кредитования",

"description": "",

"guid": "{77D8FF1F-681E-436A-A209-8014FE1ADAC5}",

"path": "/close/store/books/{77D8FF1F-681E-436A-A209-8014FE1ADAC5}/osnovy\_kreditovaniya.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "1",

"description": "",

"guid": "{36BF86F3-CE3A-426F-9F82-C6BF5DB94E21}",

"path": "/close/store/books/{36BF86F3-CE3A-426F-9F82-C6BF5DB94E21}/100+ (1).zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Лекции",

"description": "",

"guid": "{E0778EB9-6E70-40E3-87CC-C3FCF400F56E}",

"path": "/close/store/books/{E0778EB9-6E70-40E3-87CC-C3FCF400F56E}/Lecture\_1.2.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Информационная безопасность",

"description": "",

"guid": "{E7A91A78-0D36-4A91-8E27-EBBFC56E2141}",

"path": "/close/store/books/{E7A91A78-0D36-4A91-8E27-EBBFC56E2141}/inf\_bez\_4.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Тренинг софт",

"description": "",

"guid": "{74A3D389-FE19-4041-980A-F3DC792D1E3C}",

"path": "/close/store/books/{74A3D389-FE19-4041-980A-F3DC792D1E3C}/307\_scorm\_1-2.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": true

},

{

"name": "Тренинг софт 2",

"description": "",

"guid": "{A2D62946-C773-4FCC-901F-A2EA43CC4794}",

"path": "/close/store/books/{A2D62946-C773-4FCC-901F-A2EA43CC4794}/307\_scorm\_2004.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "УЦ Персонал",

"description": "SCORM",

"guid": "{9B59FE98-48F2-4FBB-AB42-3D90C3390854}",

"path": "/close/store/books/{9B59FE98-48F2-4FBB-AB42-3D90C3390854}/course.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "УЦ Персонал 2",

"description": "SCORM",

"guid": "{76DB704E-0529-40E8-9ECC-0B0FF938180E}",

"path": "/close/store/books/{76DB704E-0529-40E8-9ECC-0B0FF938180E}/SIKE.First\_Aid.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "По физике",

"description": "SCORM",

"guid": "{50F149BF-33BE-426E-805D-F29B151AF02D}",

"path": "/close/store/books/{50F149BF-33BE-426E-805D-F29B151AF02D}/course.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "РН банк",

"description": "SCORM",

"guid": "{27722CF9-D007-4EEA-BD40-EC492C0FB980}",

"path": "/close/store/books/{27722CF9-D007-4EEA-BD40-EC492C0FB980}/Программа\_Поехали!.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "РН банк 2",

"description": "SCORM",

"guid": "{89AD2F0B-F892-4895-BEF6-F6853A61839C}",

"path": "/close/store/books/{89AD2F0B-F892-4895-BEF6-F6853A61839C}/Ремонт SCORM\_Renault.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Эмоциональный интеллект",

"description": "SCORM",

"guid": "{97EAD018-1B8E-46A4-894D-AA5ADE840A8C}",

"path": "/close/store/books/{97EAD018-1B8E-46A4-894D-AA5ADE840A8C}/190307\_1023\_Лабмедиа\_EL\_Эмоциональный интеллект\_Демо.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Тренажер",

"description": "SCORM",

"guid": "{27C2B666-E06C-44C5-BCD2-16E02464953B}",

"path": "/close/store/books/{27C2B666-E06C-44C5-BCD2-16E02464953B}/Motiv\_trenager\_scorm2004.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "скорм быстрый",

"description": "SCORM",

"guid": "{F4F35568-12FB-4033-B6AA-1E2B0C4A0F6C}",

"path": "/close/store/books/{F4F35568-12FB-4033-B6AA-1E2B0C4A0F6C}/1.zip",

"links": "",

"rate": 0,

"type": "SCORM",

"menu": false

},

{

"name": "Демотест",

"description": "<i class=\"fa passed-icon fa-check text-green\"></i>&nbsp;<span style=\"color: Green;\">Зачёт</span>",

"guid": "{9F039EFB-9BD7-418B-BCE1-8636C5170EBD}",

"path": "/close/store/examRes/{9F039EFB-9BD7-418B-BCE1-8636C5170EBD}/{9F039EFB-9BD7-418B-BCE1-8636C5170EBD}.zip",

"type": "test",

"links": "{889B1CA7-5756-4215-B3A0-D9123F0E900A}",

"rate": 0

},

{

"name": "Тест с секциями",

"description": "<span style=\"color: silver;\">0</span>",

"guid": "{89715310-299D-433F-B194-D4E61F0053B2}",

"path": "/close/store/examRes/{89715310-299D-433F-B194-D4E61F0053B2}/{89715310-299D-433F-B194-D4E61F0053B2}.zip",

"type": "test",

"links": "{428FCF51-AACC-4984-9C53-D54787188AA6},{73167653-CF36-44DF-98E7-18111BA2BF69}",

"rate": 0

},

{

"name": "Тренажер",

"description": "<i class=\"fa passed-icon fa-check text-green\"></i>&nbsp;<span style=\"color: green;\">75</span>",

"guid": "{DE45A638-2A35-49CE-BF2E-00687309514D}",

"path": "/close/store/examRes/{DE45A638-2A35-49CE-BF2E-00687309514D}/{DE45A638-2A35-49CE-BF2E-00687309514D}.zip",

"type": "test",

"links": "",

"rate": 0

}

]

}

**Получение списка из Библиотеки**

Возвращает оглавление Библиотеки.

*Входные данные*:

{“command”: “**getBooks**”}

*Результат*: (массив с элементами курсов)

Оформляется аналогично операции получения оглавления курса.

**Получение списка вебинаров**

Возвращает список вебинаров, доступных слушателю.

*Входные данные*:

{“command”: “**getWebinars**”}

*Результат*: (массив с элементами описания вебинаров)

{

"data": [

{

"eventid": 25,

"name": "Будущий вебинар",

"author": "Администратор П.В.",

"type": "Openmeetings",

"dtfrom": "2022-03-09T09:00:00",

"dtto": "2022-08-31T23:59:00",

"url": "/close/students/OM/enter.asp?EventId=25&type=Openmeetings"

}

]

}

**Активация ссылки на вебинар**

Возвращает ссылку для перехода на вебинар для слушателя.

*Входные данные*:

{"command": "**getWebinar**", "id": "25"}

*Результат*:

{

"data": {

"url": "https://om.prometeus.ru:5443/openmeetings/hash?secure=faabb84d-25b1-4785-97a9-466768de0887&language=9"

}

}

**Получение каталога курсов для заказа на портале**

Возвращает список курсов, доступных для заказа.

*Входные данные*:

{“command”: “**getCoursesZakaz**”}

*Результат*: (массив с элементами описания курсов для заказа)

{

"data": [

{

"CategoryName": "Общие курсы",

"CourseId": "{314DFC26-D0D5-4FC4-882E-63C47A608FA9}",

"CourseName": "1",

"CourseDescr": "",

"CoursePrice": "0",

"CourseCurrency": "руб.",

"CourseDuration": "0",

"groups": [

{

"GroupId": "{5BBF7F62-038A-4C71-9CFE-53BA784E614A}",

"GroupDateStart": "2022-06-24T00:00:00"

}

]

}

]

}

**Отправление заявки для регистрации курса на портале**

Возвращает статус выполнения операции подачи заявки. «ок» - регистрация выполнена или сообщение о ошибке.

*Входные данные*:

{"command": "**putCourseZakaz**", "group": "{5BBF7F62-038A-4C71-9CFE-53BA784E614A}", "price": "0", "curr": "руб."}

*Результат*:

{

"data": {

"status": "ok"

}

}

**Получение содержимого курса SCORM**

Возвращает оглавление курса SCORM.

*Входные данные*:

{"command": "**getScorm**", "id": "{1663BBCE-B82A-4768-95E4-44B594C2DB5C}"}

*Результат*:

{

"data": [

{

"id": 29,

"title": "Solitaire Basics",

"fromManifest": "SolitaireBasics",

"parent": null,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 30,

"title": "Welcome",

"fromManifest": "WELCOME",

"parent": 29,

"visible": true,

"scope": null,

"href": "welcome.htm"

},

{

"id": 31,

"title": "Introduction",

"fromManifest": "Introduction",

"parent": 29,

"visible": true,

"scope": null,

"href": ""

},

{

"id": 36,

"title": "Canfield",

"fromManifest": "Canfield",

"parent": 29,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 41,

"title": "Klondike",

"fromManifest": "Klondike",

"parent": 29,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 47,

"title": "Summary",

"fromManifest": "Summary",

"parent": 29,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 32,

"title": "Lesson",

"fromManifest": "Intro\_content",

"parent": 31,

"visible": true,

"scope": null,

"href": "intro.htm"

},

{

"id": 33,

"title": "Quick Check",

"fromManifest": "INTRO\_QUIZ",

"parent": 31,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 35,

"title": "Summary",

"fromManifest": "Intro\_summary",

"parent": 31,

"visible": true,

"scope": 1,

"href": "intro\_summary.htm"

},

{

"id": 34,

"title": "Quick Check Quiz",

"fromManifest": "INTRO\_QUIZ1",

"parent": 33,

"visible": false,

"scope": 0.6,

"href": "intro\_quiz1.htm"

},

{

"id": 37,

"title": "Lesson",

"fromManifest": "Canfield\_content",

"parent": 36,

"visible": true,

"scope": null,

"href": "canfield.htm"

},

{

"id": 38,

"title": "Quick Check",

"fromManifest": "CANFIELD\_QUIZ",

"parent": 36,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 40,

"title": "Summary",

"fromManifest": "Canfield\_summary",

"parent": 36,

"visible": true,

"scope": 1,

"href": "canfield\_summary.htm"

},

{

"id": 39,

"title": "Page 1",

"fromManifest": "CANFIELD\_QUIZ1",

"parent": 38,

"visible": false,

"scope": 0.6,

"href": "canfield\_quiz1.htm"

},

{

"id": 42,

"title": "Lesson",

"fromManifest": "Klondike\_content",

"parent": 41,

"visible": true,

"scope": null,

"href": "klondike.htm"

},

{

"id": 43,

"title": "Quick Check",

"fromManifest": "Klondike\_QUIZ",

"parent": 41,

"visible": true,

"scope": 1,

"href": ""

},

{

"id": 46,

"title": "Summary",

"fromManifest": "Klondike\_summary",

"parent": 41,

"visible": true,

"scope": 1,

"href": "klondike\_summary.htm"

},

{

"id": 44,

"title": "Page 1",

"fromManifest": "KLONDIKE\_QUIZ1",

"parent": 43,

"visible": true,

"scope": 0.6,

"href": "klondike\_quiz1.htm"

},

{

"id": 45,

"title": "Page 2",

"fromManifest": "KLONDIKE\_QUIZ2",

"parent": 43,

"visible": true,

"scope": 0.6,

"href": "klondike\_quiz2.htm"

},

{

"id": 48,

"title": "SummaryPage",

"fromManifest": "SummaryPage",

"parent": 47,

"visible": false,

"scope": null,

"href": "final.htm"

}

]

}

**Получение содержимого теста**

Возвращает содержимое теста в формате объектов СДО:

* TTest
* TQuestion
* TSection
* TAnswer
* TVar

*Входные данные*:

{"command": "**getTest**", "id": "{ 3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}"}

*Результат*:

{

"data": {

"id": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"PasScore": 65,

"IdType": "s",

"type": "самопроверка",

"TimeToTest": 600,

"iQTime": 0,

"CountSections": 2,

"CountQuestions": 9,

"TotScore": 9,

"MaxScore": 9,

"Name": "Образец теста скартинками ТХТ для импорта",

"Descr": "[Описание]",

"access": [],

"sections": [

{

"id": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"PresentQuestions": 100,

"Ord": 1,

"qbal": true,

"qnum": true,

"CountQuestions": 9,

"TotScore": 9,

"MaxScore": 9,

"Name": "Демо",

"questions": [

{

"id": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 4,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 1,

"Txt": "<p>Вопрос на соответствие</p>",

"CountAnswers": 2,

"answers": [

{

"id": "{C232CEFC-3FBB-4BB5-B957-6184D3A20CD1}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdQuestionType": 4,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "<p>11111111111111111111111111111</p>",

"vars": [

{

"id": "{6928C8D3-3F74-45BB-8938-A7447EDA162F}",

"idAnswer": "{C232CEFC-3FBB-4BB5-B957-6184D3A20CD1}",

"Weight": 50,

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}

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"IdQuestion": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdQuestionType": 4,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "<p>222222</p>",

"vars": [

{

"id": "{500CB5B3-D464-42D9-926B-67855B6E76AA}",

"idAnswer": "{1931D5BB-C87A-4751-97C7-2C374D14ECE9}",

"Weight": 50,

"Txt": "<p>222222\_</p>"

}

]

}

],

"vars": [

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"Txt": "<p>111111111111111\_\_\_\_\_\_\_\_\_\_\_</p>"

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},

{

"id": "{B7566C53-45FC-422A-B315-B1506CF19058}",

"Txt": "<p>111111111111111\_\_\_\_\_\_\_\_\_\_\_</p>"

}

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},

{

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"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 3,

"RightDescription": "",

"Img": "21small.jpg",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 2,

"Txt": "Вопрос \"Поле ввода\" с картинкой в вопросе. Выступая перед шахматистами-любителями, Остап Бендер предложил переименовать Москву в ... Васюки ",

"CountAnswers": 2,

"answers": [

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"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{4C1B5B80-DB42-491E-B545-A96127E5BDB7}",

"IdQuestionType": 3,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "Старые",

"vars": []

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"IdQuestion": "{4C1B5B80-DB42-491E-B545-A96127E5BDB7}",

"IdQuestionType": 3,

"Img": "",

"Weight": 50,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "cnfhst1",

"vars": []

}

],

"vars": []

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{

"id": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

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"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 1,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 3,

"Txt": "Вопрос типа \"Один из многих\", варианты = картинки. Укажите картину Василия Поленова",

"CountAnswers": 5,

"answers": [

{

"id": "{AB47A59E-AFA4-46DE-A7B6-87B7C4E9C35F}",

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"IdQuestionType": 1,

"Img": "101.jpg",

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"IsQuestionDef": true,

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"Ord": 1,

"Txt": "",

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{

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"IdQuestionType": 1,

"Img": "102.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

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"IdQuestionType": 1,

"Img": "103.jpg",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

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"IdQuestionType": 1,

"Img": "104.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

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{

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"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "106.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

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"vars": []

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{

"id": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

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"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 2,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 4,

"Txt": "Вопрос типа \"Многие из многих\", варианты = картинки. Выберите картины без котов",

"CountAnswers": 5,

"answers": [

{

"id": "{8F10ECA3-D4D0-4A65-A893-1A03F2F7394F}",

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"IdQuestionType": 2,

"Img": "211049.jpg",

"Weight": 34,

"IsQuestionDef": true,

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"Ord": 1,

"Txt": "",

"vars": []

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{

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"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

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"IdQuestionType": 2,

"Img": "112.jpg",

"Weight": 33,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

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{

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"IdQuestionType": 2,

"Img": "113.jpg",

"Weight": 33,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

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"IdQuestionType": 2,

"Img": "110.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

"vars": []

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{

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"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

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"IdQuestionType": 2,

"Img": "115.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

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"vars": []

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{

"id": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

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"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 5,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 5,

"Txt": "Вопрос типа \"Упорядочение\", варианты = картинки. Расположите десятичные приставки в порядке возрастания (наименьшая - сверху)",

"CountAnswers": 7,

"answers": [

{

"id": "{A47036AD-34A4-4B53-9F6E-92799A8E2ADE}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "nano-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "",

"vars": []

},

{

"id": "{1DF800E9-7956-465A-8514-7D7997D553E4}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

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"Img": "micro-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

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{

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"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

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"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

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"Img": "santi-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

"vars": []

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"IdQuestionType": 5,

"Img": "mega.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

},

{

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"IdQuestionType": 5,

"Img": "giga.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 6,

"Txt": "",

"vars": []

},

{

"id": "{4F8E6FBA-EF1C-4FF8-B54A-2C9717694245}",

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"IdQuestionType": 5,

"Img": "tera.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 7,

"Txt": "",

"vars": []

}

],

"vars": []

},

{

"id": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

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"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 7,

"RightDescription": "",

"Img": "VirtualBox\_ubuntu 20.04\_07\_02\_2022\_09\_30\_23.png",

"Weight": 1,

"Trashoid": 0,

"IsDef": true,

"DoShuffle": true,

"Ord": 6,

"Txt": "<p>Укажите точку на картинке и может быть Вам Повезёт !</p>",

"CountAnswers": 2,

"answers": [

{

"id": "{71286CA5-6386-4927-BD2E-793F00B65422}",

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"IdQuestion": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

"IdQuestionType": 7,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "[область 1]",

"Ord": 0,

"Txt": "334:586;399:779",

"vars": []

},

{

"id": "{452A81E1-3F4C-46D7-8405-C253C8A7C9CC}",

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"IdQuestion": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

"IdQuestionType": 7,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "[область 2]",

"Ord": 1,

"Txt": "414:122;1330:592",

"vars": []

}

],

"vars": []

},

{

"id": "{359CF759-51AE-402B-8D8E-EC7BF346DBF6}",

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"IdType": 8,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 0,

"IsDef": true,

"DoShuffle": true,

"Ord": 7,

"Txt": "<p>Вопрос с развёрнутым ответом</p>",

"CountAnswers": 1,

"answers": [

{

"id": "{AEF26704-F341-482B-BDEF-66D38D0365E4}",

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"IdQuestion": "{359CF759-51AE-402B-8D8E-EC7BF346DBF6}",

"IdQuestionType": 8,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "[PLACEHOLDER]",

"vars": []

}

],

"vars": []

},

{

"id": "{4B0B62B4-8D20-423C-8C44-FB2461B45F36}",

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"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 10,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 8,

"Txt": "<p>Вопрос с несколькими полями ввода</p>",

"CountAnswers": 2,

"answers": [

{

"id": "{B77E8E0F-8C7C-4653-92C7-AB0E61B64FD5}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{4B0B62B4-8D20-423C-8C44-FB2461B45F36}",

"IdQuestionType": 10,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "<p>Задание 1</p>",

"vars": [

{

"id": "{7BB6DDE4-5A2D-4AAF-B9E3-9080C665436C}",

"idAnswer": "{B77E8E0F-8C7C-4653-92C7-AB0E61B64FD5}",

"Weight": 50,

"Txt": "1"

}

]

},

{

"id": "{E80D8AFF-1125-4737-90E9-3F497C7C5EBF}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{4B0B62B4-8D20-423C-8C44-FB2461B45F36}",

"IdQuestionType": 10,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "<p>Задание 2</p>",

"vars": [

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"id": "{FFFDB6F6-F9E3-4AB3-A62B-DA60E184EE84}",

"idAnswer": "{E80D8AFF-1125-4737-90E9-3F497C7C5EBF}",

"Weight": 50,

"Txt": "2"

}

]

}

],

"vars": [

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"id": "{7BB6DDE4-5A2D-4AAF-B9E3-9080C665436C}",

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"Txt": "2"

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"id": "{FFFDB6F6-F9E3-4AB3-A62B-DA60E184EE84}",

"Txt": "2"

}

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}

]

},

{

"id": "{A3E0B786-51BA-4144-B024-87C04D18FE56}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"PresentQuestions": 100,

"Ord": 2,

"qbal": true,

"qnum": true,

"CountQuestions": 9,

"TotScore": 9,

"MaxScore": 9,

"Name": "222222222222",

"questions": [

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"id": "{3200196A-704A-4D07-8225-59C80250D8C9}",

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"IdSection": "{A3E0B786-51BA-4144-B024-87C04D18FE56}",

"IdType": 1,

"RightDescription": "",

"Img": "nano-.jpg",

"Weight": 1,

"Trashoid": 0,

"IsDef": true,

"DoShuffle": true,

"Ord": 0,

"Txt": "<p><br></p>",

"CountAnswers": 3,

"answers": [

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"id": "{59922ABF-A6E3-4258-9698-B7ED92F54A16}",

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"IdQuestionType": 1,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "<p>afdqwefqwfqfqw</p>",

"vars": []

},

{

"id": "{F75D989A-1950-4B95-A807-61ACD26E1798}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{3200196A-704A-4D07-8225-59C80250D8C9}",

"IdQuestionType": 1,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "<p>fqwfwfwfwqfwq</p>",

"vars": []

},

{

"id": "{76FD39A4-7441-4EE9-BE68-A073849285A0}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{3200196A-704A-4D07-8225-59C80250D8C9}",

"IdQuestionType": 1,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "<p>wqfqfwfwqqw</p>",

"vars": []

}

],

"vars": []

}

]

}

]

}

}

**Получение содержимого страницы**

Подготавливает данные страницы для отображения на мобильном устройстве, готовит архив и возвращает путь на файл для его скачивания.

Процедура подготовки сначала выполняет вызов по адресу: /close/modules/cmp/**viewerMobile.asp**?id= {5E28113D-8B79-4FEB-82C8-7C4336F9C302}. Результат сохраняется в файл index.html в корень директории хранилища для страницы и формируется архив директории теста в хранилище.

*Входные данные*:

{"command": "**getCmp**", "id": "{5E28113D-8B79-4FEB-82C8-7C4336F9C302}"}

*Результат*:

{

"data": "/close/store/cmp/{5E28113D-8B79-4FEB-82C8-7C4336F9C302}/{5E28113D-8B79-4FEB-82C8-7C4336F9C302}.zip"

}

**/close/students/sync.asp**

**Передача данных после прохождения курса SCORM на устройстве**

Эта процедура сначала через модуль поддержки SCORM получает AttemptId для пользователя через обращение к базе и в случае необходимости через специальную страницу **/SCORM/CreateAttemptSync.aspx**.

*Входные данные*:

{"id": "{1663BBCE-B82A-4768-95E4-44B594C2DB5C}", "type": "SCORM"}

*Результат*:

{

"data": {

"PackageId": 6,

"AttemptId": 9

}

}

Когда данные для регистрации SCORM получены, производится вызов страницы **/close/students/syncscorm.asp?AttemptId=9**, которая идентифицирует слушателя и вызывает страницу плеера **/SCORM/Frameset/Frameset.aspx** (плеер не переводит слушателя в режим авторизации).

Мобильное устройство взаимодействует с плеером и передаёт ему результаты прохождения курса в локальном режиме.

**Передача данных после прохождения теста на устройстве**

Процедура передаёт заполненные данные теста на мобильном устройстве. Формат данных теста представлен в формате объектов СДО (аналогично загрузке теста):

* TTest
* TQuestion
* TSection
* TAnswer
* TVar

*Входные данные*:

{

"data": []

}

*Результат*:

{

"id": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"course": "{314DFC26-D0D5-4FC4-882E-63C47A608FA9}",

"type": "TEST",

"data": {

"id": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"PasScore": 65,

"IdType": "s",

"type": "самопроверка",

"TimeToTest": 600,

"iQTime": 0,

"CountSections": 2,

"CountQuestions": 9,

"TotScore": 9,

"MaxScore": 9,

"Name": "Образец теста скартинками ТХТ для импорта",

"Descr": "[Описание]",

"access": [],

"sections": [

{

"id": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"PresentQuestions": 100,

"Ord": 1,

"qbal": true,

"qnum": true,

"CountQuestions": 9,

"TotScore": 9,

"MaxScore": 9,

"Name": "Демо",

"questions": [

{

"id": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 4,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 1,

"Txt": "",

"CountAnswers": 2,

"answers": [

{

"id": "{C232CEFC-3FBB-4BB5-B957-6184D3A20CD1}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdQuestionType": 4,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "<p>11111111111111111111111111111</p>",

"vars": [

{

"id": "{6928C8D3-3F74-45BB-8938-A7447EDA162F}",

"idAnswer": "{C232CEFC-3FBB-4BB5-B957-6184D3A20CD1}",

"Weight": 50,

"Txt": "<p>111111111111111\_\_\_\_\_\_\_\_\_\_\_</p>"

}

]

},

{

"id": "{1931D5BB-C87A-4751-97C7-2C374D14ECE9}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{B8367603-A9C2-465F-8DB5-F40D2C51D69D}",

"IdQuestionType": 4,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "<p>222222</p>",

"vars": [

{

"id": "{500CB5B3-D464-42D9-926B-67855B6E76AA}",

"idAnswer": "{1931D5BB-C87A-4751-97C7-2C374D14ECE9}",

"Weight": 50,

"Txt": "<p>222222\_</p>"

}

]

}

],

"vars": [

{

"id": "{500CB5B3-D464-42D9-926B-67855B6E76AA}",

"Txt": "<p>222222\_</p>"

},

{

"id": "{FB9877FD-4DE4-493E-9048-94B6DAF1F76A}",

"Txt": "<p>11111111111111111\_</p>"

},

{

"id": "{6928C8D3-3F74-45BB-8938-A7447EDA162F}",

"Txt": "<p>111111111111111\_\_\_\_\_\_\_\_\_\_\_</p>"

},

{

"id": "{59A90FFA-94F6-452D-BD39-B08463AAEA5E}",

"Txt": "<p>11111111111111\_\_\_</p>"

},

{

"id": "{B7566C53-45FC-422A-B315-B1506CF19058}",

"Txt": "<p>111111111111111\_\_\_\_\_\_\_\_\_\_\_</p>"

}

]

},

{

"id": "{4C1B5B80-DB42-491E-B545-A96127E5BDB7}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 3,

"RightDescription": "",

"Img": "21small.jpg",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 2,

"Txt": "",

"CountAnswers": 2,

"answers": [

{

"id": "{A3B61BCC-1AC8-4E5A-A5C2-9A7014CD8380}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{4C1B5B80-DB42-491E-B545-A96127E5BDB7}",

"IdQuestionType": 3,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "Старые",

"vars": []

},

{

"id": "{159D672D-918F-41D7-8D04-3C03AB5FF825}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{4C1B5B80-DB42-491E-B545-A96127E5BDB7}",

"IdQuestionType": 3,

"Img": "",

"Weight": 50,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "cnfhst1",

"vars": []

}

],

"vars": []

},

{

"id": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 1,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 3,

"Txt": "",

"CountAnswers": 5,

"answers": [

{

"id": "{AB47A59E-AFA4-46DE-A7B6-87B7C4E9C35F}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "101.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "",

"vars": []

},

{

"id": "{1E6D5927-A5AE-4E24-B0C1-F0FB552811C9}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "102.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

},

{

"id": "{0D1354C5-F298-4613-A7EE-99FECD28B82B}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "103.jpg",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

},

{

"id": "{F05D1A58-2202-49BC-B5D1-1F8083785F6E}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "104.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

"vars": []

},

{

"id": "{8C9EFCFE-E53A-4725-AC60-90D2AA5308D3}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{F29747DA-F6B9-4C20-B145-1D0FF89FD8BB}",

"IdQuestionType": 1,

"Img": "106.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

}

],

"vars": []

},

{

"id": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 2,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 4,

"Txt": "",

"CountAnswers": 5,

"answers": [

{

"id": "{8F10ECA3-D4D0-4A65-A893-1A03F2F7394F}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdQuestionType": 2,

"Img": "211049.jpg",

"Weight": 34,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "",

"vars": []

},

{

"id": "{6FA409FB-1BAE-4B51-9816-78D690CD3E27}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdQuestionType": 2,

"Img": "112.jpg",

"Weight": 33,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

},

{

"id": "{045E6EC9-F5AB-4F60-A123-CBE3855DAEAA}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdQuestionType": 2,

"Img": "113.jpg",

"Weight": 33,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

},

{

"id": "{A905D449-21C7-48FA-A1B6-A61BAAE55252}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdQuestionType": 2,

"Img": "110.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

"vars": []

},

{

"id": "{C0590483-B32D-4719-AB4C-E11406634E91}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{2D0C604D-4E4B-407D-BD29-E218C380B8CC}",

"IdQuestionType": 2,

"Img": "115.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

}

],

"vars": []

},

{

"id": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 5,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 5,

"Txt": "",

"CountAnswers": 7,

"answers": [

{

"id": "{A47036AD-34A4-4B53-9F6E-92799A8E2ADE}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "nano-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 1,

"Txt": "",

"vars": []

},

{

"id": "{1DF800E9-7956-465A-8514-7D7997D553E4}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "micro-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 2,

"Txt": "",

"vars": []

},

{

"id": "{FA68E2A9-C580-44DE-A03F-1E5E6CFFB828}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "milli-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 3,

"Txt": "",

"vars": []

},

{

"id": "{90032BC8-5368-4901-95CE-3E153925AAD5}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "santi-.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 4,

"Txt": "",

"vars": []

},

{

"id": "{766F8B56-AF08-4B6C-8474-73D94B367CE5}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "mega.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 5,

"Txt": "",

"vars": []

},

{

"id": "{F00ED87B-5F91-4A5D-BE72-BEEE90B2FD01}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "giga.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 6,

"Txt": "",

"vars": []

},

{

"id": "{4F8E6FBA-EF1C-4FF8-B54A-2C9717694245}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{47A12639-3633-4E36-8CAF-89E139DE64C9}",

"IdQuestionType": 5,

"Img": "tera.jpg",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 7,

"Txt": "",

"vars": []

}

],

"vars": []

},

{

"id": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 7,

"RightDescription": "",

"Img": "VirtualBox\_ubuntu 20.04\_07\_02\_2022\_09\_30\_23.png",

"Weight": 1,

"Trashoid": 0,

"IsDef": true,

"DoShuffle": true,

"Ord": 6,

"Txt": "",

"CountAnswers": 2,

"answers": [

{

"id": "{71286CA5-6386-4927-BD2E-793F00B65422}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

"IdQuestionType": 7,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "[область 1]",

"Ord": 0,

"Txt": "334:586;399:779",

"vars": []

},

{

"id": "{452A81E1-3F4C-46D7-8405-C253C8A7C9CC}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{DC638D22-BA4F-4ECA-9CD6-8D27D60D9059}",

"IdQuestionType": 7,

"Img": "",

"Weight": 100,

"IsQuestionDef": true,

"Tag": "[область 2]",

"Ord": 1,

"Txt": "414:122;1330:592",

"vars": []

}

],

"vars": []

},

{

"id": "{359CF759-51AE-402B-8D8E-EC7BF346DBF6}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 8,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 0,

"IsDef": true,

"DoShuffle": true,

"Ord": 7,

"Txt": "",

"CountAnswers": 1,

"answers": [

{

"id": "{AEF26704-F341-482B-BDEF-66D38D0365E4}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdQuestion": "{359CF759-51AE-402B-8D8E-EC7BF346DBF6}",

"IdQuestionType": 8,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "[PLACEHOLDER]",

"vars": []

}

],

"vars": []

},

{

"id": "{4B0B62B4-8D20-423C-8C44-FB2461B45F36}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

"IdSection": "{62491783-60A9-4263-8B35-A1B946DB9C51}",

"IdType": 10,

"RightDescription": "",

"Img": "",

"Weight": 1,

"Trashoid": 100,

"IsDef": true,

"DoShuffle": true,

"Ord": 8,

"Txt": "",

"CountAnswers": 2,

"answers": [

{

"id": "{B77E8E0F-8C7C-4653-92C7-AB0E61B64FD5}",

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"IdQuestion": "{4B0B62B4-8D20-423C-8C44-FB2461B45F36}",

"IdQuestionType": 10,

"Img": "",

"Weight": -1000,

"IsQuestionDef": true,

"Tag": "",

"Ord": 0,

"Txt": "<p>Задание 1</p>",

"vars": [

{

"id": "{7BB6DDE4-5A2D-4AAF-B9E3-9080C665436C}",

"idAnswer": "{B77E8E0F-8C7C-4653-92C7-AB0E61B64FD5}",

"Weight": 50,

"Txt": "1"

}

]

},

{

"id": "{E80D8AFF-1125-4737-90E9-3F497C7C5EBF}",

"IdTest": "{3CADBF4B-60E8-4781-8DC4-78CFCBE5C07F}",

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"IdQuestionType": 10,

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