## Changelog yuuvis® Momentum - Final - 2021 winter

BUD-67       The IDs of table column fields from type string and classification ORGANIZATION and REFERENCE are resolved         BUD-119       You can preview, and edit a MS Office document, and save it as new version (beta-version)	As a user, I want to see the titles of the users and reference objects in table columns, so that I am informed Acceptance criteria: • The IDs of table column fields from type string and classification ORGANIZATION and REFERENCE are resolved when loading the object. • The Web-API endpoint GET object offers an additional 'resolvedValues : [\{"id1", "title1"}, \{"id2", "title2"} • The client uses these resolvedValues to show the titles instead to the ids • In the case of adding a new row the resolving is done locally. As a user, I want to be able to preview, edit a Microsoft Office document and save it as a new version if it is necessary to change it. Acceptance criteria: • The integration of the O365 dashlet can be activated by uploading a plugin configuration into the client:
Office document, and save it as	necessary to change it. Acceptance criteria:
	<pre>{     "viewers": [     {         "mimeType": [             "application/octet-stream"         ],         "fileExtension": [             "nes"         ],         "viewer": "externals/x-nes?path=\${path}#locale=\${locale} &amp;direction=\${direction}&amp;theme=\${theme}&amp;accentColor=\${accentColor}"         },         {             "mimeType": [                 "application/msword",                 "application/vnd.ms-excel",                 "application/vnd.ms-excel",                 "application/vnd.openxmlformats-officedocument.wordprocessingml. document",                 "application/vnd.openxmlformats-officedocument.spreadsheetml. sheet",                 "application/vnd.openxmlformats-officedocument.spreadsheetml. template",                 "application/vnd.openxmlformats-officedocument.presentationml. template",                "application/vnd.openxmlformats-officedocument.presentationml. slideshow"</pre>

BUD-174	You can take over and give back a task (claim/unclaim) that has been assigned to a role that you got assigned	As a user, I want to be able to 'Take over' / 'Übernehmen' a task that has been assigned to a task via a role I have got assigned to claim this task for me so that other users with that role will not see this task in their inbox anymore. Acceptance oriteria: • In this situation, the process data are only offered read-only and the action 'Take over' / 'Übernehmen' is offered in the aspect 'Task'.  { {     **action*: **claim*,     **assignee*: **7ba6ba5e=1c78=11ec=aeea=de798f07ef7d**     * }  • After taking over the task form is fully offered as well as the action 'Confirm' / 'Bestätigen' and 'Give back' //Zurückgeben'. • In the case, the task was claimed by another user a notification about this is given • With 'Give back' the unclaim is requested and the configured role is assigned to the task again.  {     *******************************
BUD-175	You can customize the look & feel of the client to match the corporate identity of your company	As a tenant administrator, I will be able to customize the look & feel of the client to match the corporate identity of your company. Acceptance criteria: • There is a documented plugin example that exchanges: • Splash screen • Logo in appbar • Logo in main menu • Logo and product name in 'About'
BUD-217	You can set the response type of the HTTP-client in the plugin API	As a programmer, I want to be able to set response type of the HTTP-client in the plugin API so that I can request resources that are not JSON. Acceptance criteria: • The client plugin API is extended to handle an additional parameter to control the response format.
BUD-239	You are supported by a form while starting a process via plugin action	<ul> <li>As an administrator, I want to be able to let the user enter specific data into fields of a form while starting a process.</li> <li>Acceptance criteria:</li> <li>A plugin object action is configured in a way that the given form is opened in the action area after starting the process.</li> <li>All supported task form fields are handled well.</li> <li>A button like 'Start' starts the given process to the given object and saves the entered values to the process.</li> <li>A button 'Cancel' closes the dialog without further actions.</li> <li>This plugin action is documented on the developer portal: https://help.optimal-systems.com/yuuvis_develop/display/YMY/Connection+of+BPM+Engine? src=contextnavpagetreemode</li> </ul>
BUD-246	You are supported by multi-value fields in the task forms	As an administrator, I will be able to offer multi-value fields for the user so that he can enter more values if this is required, e.h. more than one user that should do something later on. Acceptance criteria: In this case a field has the cardinality 'multi' the values are saved into flowable variable of type JSON, and reas in the same way.

BUD-250	You are supported by a Web-API GET bpm/tasks/{taskId} endpoint	As a programmer, I want to be able to get all parameters for a specific task so that I can react to the new ones after saving them before.
		Acceptance criteria:
		<ul> <li>The existing PUT bpm/tasks/{taskld} endpoint is extended and responses to the newly given parameters</li> <li>The new GET bpm/tasks/taskld) endpoint responses the same values as above.</li> <li>Documentation is done here: https://help.optimal-systems.com/yuuvis_develop/display/YMY/bpm-controller+Endpoints?src=contextnavpagetreemode</li> </ul>
BUD-257 Startform of a workflow shall not send datetime variable if its field is empty	send datetime variable if its field is	<ul> <li>datetime fields in wf-forms send correctly the variable of type date</li> <li>however, if field is left empty in startform, the client sends the following to backend:</li> </ul>
	<pre>{     "name": "expiryDatetime",     "type": "date",     "value": "" }</pre>	
		this is recognized as invalid value by backend and it reponds with
		<pre>"message" : "{\"message\":\"Bad request\",\"exception\":\"The given variable value is not a date: ''\"}</pre>
		<ul> <li>so, if field is left empty in start form, variable shall not be sent to backend</li> <li>in normal form behavior is correct - after I delete the value it sends null, or if it was null before, it sends no value to variable</li> </ul>
		can be seen in kolibri.enaioci.net, tenant a-team, start taskflow on any document
BUD-262	The viewer service is supporting monitoring via Prometheus	As an administrator, I want to be able to monitor the Viewer Service so that I can react on problems early.
		Acceptance Criteria:
		<ul> <li>The service is offering a Prometheus-based interface for monitoring purposes.</li> <li>The endpoints are per default: ./manage/metrics /manage/prometheus</li> </ul>
BUD-264	You can delegate and resolve a task	As a user, I want to be able to delegate a task to another user that should help me. This user should not be able to resolve the task but not confirm or delegate again.
		Acceptance criteria:
		<ul> <li>The original assignee can 'Delegate' / 'Delegieren' the task to somebody else.</li> <li>It is not possible to delegate to the delegating user.</li> <li>This user can edit form values and save the changes, and he can 'Resolve task' / 'Aufgabe abschließen' so</li> </ul>
		<ul> <li>the original user gets it back. Unchanged metadata are saved before.</li> <li>The task list is showing whether the task has been 'delegated' / 'delegiert' to the user or has been 'delegated and resolved' / 'delegiert und erledigt'.</li> </ul>
BUD-265	In the case of a longer field description you get the full one by	As a user, I want to be able to see the complete text of a field description if this is longer than the field length.
	click on the first part of the description	Acceptance criteria:
		<ul> <li>There is a possibility to open the complete description in that case.</li> <li>Description longer than 100 characters will be handled in that way. Only the first 100 characters are</li> </ul>

BUD-280	You can provide a dynamic form for a task	eAs a programmer, I want to be able to support a user with a dynamically built form so that he gets only those fields in a task-form that needs to be edited.
		Acceptance criteria:
		<ul> <li>The programmer can save the dynamically built form into the process variable 'taskForm'.</li> <li>If this variable contains a form, this form is used in the 'Task' aspect and overwrites a given Flowable formKey.</li> <li>This variable is handled by the Web-API Gateway endpoints in a similar way as is for 'subject'.</li> <li>This documentation is extended: https://help.optimal-systems.com/yuuvis_develop/display/YMY /Connection+of+BPM+Engine</li> </ul>

BUD-282 You can provide dynamic task messages including localization capabilities

BUD-286

Prometheus

As a programmer, I want to be able to provide a dynamic message area below the task description so that the user can be informed of what to do for that specific instance.

Acceptance Criteria:

• There is a new task parameter 'taskMessages' that contains an array of localization keys. Representation of the task parameter:

```
"taskMessages": [
 {
    "message": "tenKolibri:text1"
 },
 {
    "level": "error",
    "message": "text 2"
 },
 {
   "level": "warning",
   "message": "text 3"
 },
 {
   "level": "info",
  "message": "text 4"
 }
]
```

Reprentation of the corresponding variabl 'appClientsystem\_taskMessages:

```
{
                                         "action": "save",
                                          "variables": [
                                            {
                                               "name": "appClientsystem_taskMessages",
                                               "type": "json",
                                               "value": [
                                                 {
                                                    "message": "tenKolibri:text1"
                                                 },
                                                 {
                                                    "level": "error",
                                                    "message": "text 2"
                                                 },
                                                 {
                                                    "level": "warning",
                                                    "message": "text 3"
                                                 },
                                                 {
                                                    "level": "info",
                                                    "message": "text 4"
                                                 }
                                               ]
                                            }
                                         ]
                                      }
                                   · The task aspect is offering these messages below the task description.
                                     · if more than one message is given then they are shown as a list.
                                     The value-text can be a localization key. If this key does not have an entry in the localization the text is
                                     shown instead.
                                     Depending on the levels 'error', 'info', 'warning' the text is marked with colors
                                   ٠
                                   As an administrator, I want to be able to monitor the Web-API Gateway and the Tenant Management API
The Web-API Gateway and the
Tenant Management API services
                                   services so that I can react at problems early.
are supporting monitoring via
```

Acceptance criteria:

• The services are offering Prometheus-based interfaces for monitoring purposes.

BUD-327	You can manually sort the rows of a form table	As a user, I want to be able to change the sequence of the rows in a form table if it is needed for a better presentation.
		Acceptance criteria:
		<ul> <li>The user can drag and drop one row of a table (DMS objects as well as BPM tasks).</li> </ul>
		<ul> <li>See the linked ticket for the configuration of a table.</li> <li>The change of the table rows leads to a change of the object data. The changes are persisted with saving</li> </ul>
		the object metadata.
		This feature is not available in the edit-dialog for the form.
BUD-373	The standard settings for the client are saved via Web-API Service	As a system-responsible, I want the standard settings for the client saved correctly.
	instead of the User Service	Acceptance criteria:
		<ul> <li>The standard settings for filters and columns of the client are saved via Web-API Gateway.</li> <li>The export and import features of settings are not shown in the settings state in the client as default. The URL parameter 'settingson = true' is showing these features again.</li> <li>There is documentation on what to do in case of updating.</li> </ul>
BUD-388	You can configure whether a user can change the rows of a form table	As an administrator, I want to be able to configure whether the user can change the sequence of the form table rows, e.g. for the routinglist of the Adhoc-Workflow.
		Acceptance criteria:
		<ul> <li>The feature to change the row by D&amp;D is only offered if the classification-tag 'sortable' is set in the schema.</li> <li>For BPM taskform this key value paar has to be added to the table part: "classifications": ["sortable"]</li> </ul>
COOL- 13708	[m]: You receive a meaningful error message when deleting a folder	As a user, I want to be supported by a meaningful error message when deleting a folder with assigned objects.
	with assigned objects.	Acceptance criteria:
		<ul> <li>The notification shows up the new differentiated error messages of the backend -&gt; new client keys for the specific errors are given an translated in EN and DE</li> </ul>
COOL- 15237	You are able to let the endpoint whoami being requested by a	As an administrator, I will be able to use an alternative microservice for retrieving user data from another IPS as Keycloak so that the client can startup well.
	custom microservice	Acceptance criteria:
		<ul> <li>It is possible to configure the Web-API Gateway to use an alternative URL for calling the whoami endpoint.</li> </ul>
		<ul> <li>The necessary configuration is documented here: https://help.optimal-systems.com/yuuvis_develop/pages/viewpage.action?pageld=54559095</li> </ul>

COOI -15364

The inbox shows the task-details with the aspects 'Task','Audit', and 'Attachments'

As a user, I want to be supported with an inbox that allows me to confirm a task, to see the process audit, and the list of files that are associated with the process so that I can finish my todos on that task.

Acceptance criteria:

- · Web-API Gateway:
  - The POST create process endpoint offers to set the variable 'subject' (persisted as Flowable variable 'appClientsystem\_subject' (formerly whatAbout)), and so the attachments (persisted as Flowable variable 'appClientsystem\_attachments') as an array of objectIDs (formerly documentId).
  - The GET task and Get process endpoints offer to handle the variables 'subject' and 'attachments' as wells.

Flowable variable syntax:

```
"appClientsyste:subject": "This is a subject",
"Variables": [
  {
      "name": "appClientsystem:attachments",
      "type": "json",
      "value": ["601433ab-b8bb-4cbb-b779-a09530428300","f030f62d-6582-
4e7b-8c17-94d9abd6dc9e"],
      "scope": "global"
 }
]
Web-API Gateway syntax:
{
      "subject": "This is a subject",
      "attachments": ["601433ab-b8bb-4cbb-b779-a09530428300","f030f62d-
6582-4e7b-8c17-94d9abd6dc9e"]
}
```

- The processes follow-up and twosteptest\_proc are adapted to these new variables. · digest is written: update the follow-up process model
- The task details header shows the subject and the task name.
- The task name can be localized (for the task with the name "1st\_task" set this key-value pair into the localization file: "1st\_task\_label": "First task")
- There is a component task details that offers the following aspects
  - 'Task'/'Aufgabe' with
    - The task description including localization (for the task with the name "1st\_task" set this key-value pair into the localization file: "1st\_task\_description": "This is the first task")
      A simple form with the process variables in read-only mode, beginning with string fields
  - A button 'Confirm' / 'Bestätigen' that forwards the process

  - 'Audit/Verlauf' with a simple timeline of the process history data (more styling later)
     There is a new Web-API Gateway BPM GET process history endpoint that resolves the userId
  - · 'Attachments/'Anlagen' with the associated files given in the variable attachments
  - · An attachment can be opened in a new browser-tab
- Tasklist:
- The column 'Type'/'Typ' shows an icon with a localized tooltip for the Flowable processDefinitionId. The process 'Follow-up' shows a bell.
- The column 'Task'/'Aufgabe' shows the name of the task that can be localized.
- The column 'Subject'/'Betreff' shows the value of variable 'subject'.
- The column 'Received on'/'Erhalten am' shows the createTime of the task.
- There is a new column 'Subject' showing the value of 'appClientsystem\_subject'
- The Follow-up process is supported (action 'Manage follow-up' and 'Follow-up state and 'Inbox')
- 'My processes' state is working well.
- In the case, no object is associated the object details are showing only the information about this situation but not the button 'Confirm' as was so far.

COOL- 15366	The Inbox offers a task-form for the given Flowable FormKey	<ul> <li>As a user, I want to be supported by a form that allows me to change the process metadata and save them.</li> <li>acceptance criteria:</li> <li>If the Flowable FormKey parameter is empty the form area is empty as well, and only the confirm button is offered and completes the task (this is the case for the Follow-up process)</li> <li>The form format is familiar to that of a DMS object.</li> <li>If the Flowable FormKey parameter is set and a form with this key can be read this form is presented and the process variable values are mapped to the form fields.</li> <li>As long as there are not the new administrative Web-API Gateway GET and READ endpoints to save and read global system and tenant task forms corresponding to the given Flowable FormsKey parameter, the form is saved and read via the existing endpoints for configurations. Later: the architect supports task form modeling.</li> <li>The following data types are supported:</li> <li>Flowable string -&gt; yuuvis string, required, readonly, minlenght and maxlength, including all classifications as given for the object datatypes,</li> <li>Flowable boolean -&gt; yuuvis boolean,</li> <li>Flowable integer -&gt; yuuvis decimal, required, readonly, minvalue and maxvalue</li> <li>Flowable long -&gt; yuuvis table including above data types</li> </ul>
COOL- 15367	The Inbox offers to add and remove an attachment	<ul> <li>As a user, I want to be able to add attachments to a process or remove them staying in the inbox.</li> <li>Acceptance criteria:</li> <li>You can remove an attachment.</li> <li>There is a security dialog asking whether to remove the attachment.</li> <li>You can add an attachment supported by full-text search. Added attachments are placed at the end of the list.</li> <li>The sequence of the list elements can be changed.</li> <li>If no attachment exists the notice is shown in the attachment area and a button is offered for adding one.</li> </ul>
COOL- 15436	The Viewer Service provides basic support of msg-formatted emails	As a user, I want to be supported by a preview of msg-formatted emails. Acceptance criteria: • There is a basic support for msg-formatted emails
COOL- 15479	You are supported by the number of elements in the list of the Inbox, My processes, and My follow-ups	As a user, I want to see the number of elements in the list of the Inbox, My processes, and My follow-ups, so that I can estimate how to handle my tasks. Acceptance criteria: • The number of elements in the footer of the list of the Inbox, My processes, and My follow-ups
COOL- 15512	My processes offers the process details and My Follow-up its details for a selected process	<ul> <li>As a user, I want to be supported by an overview of the processes I have initiated or I am responsible for so that I can delete a specific one if necessary.</li> <li>Acceptance criteria:</li> <li>For a selected process its details are shown with the aspects 'Summary'/Überblick', 'Audit'/Verlauf', 'Attachments'/Anlagen'.</li> <li>The header shows the localized processdefinitionid and the subject</li> <li>The aspect 'Audit' shows the completed tasks in a timeline in the same way as given in the inbox.</li> <li>The aspect 'Audit' shows the completed tasks in a timeline in the same way as given in the inbox.</li> <li>The aspect 'Attachments' allows previewing the attached objects similar to the inbox but with adding in deleting one.</li> <li>The aspect 'Summary' shows the process parameters for the general user and the process definition ID and the variables for administrators similar to the object summary.</li> <li>There is an action 'Delete'. A security dialog asks whether to delete this process. After deleting the process is deleted.</li> </ul>
COOL- 15571	The task forms can be configured with a labelkey that allows to set up the localization	As an administrator, I will be able to show different labels for the same variable in different tasks. Currently solution: If the key 'label' given this label is presented in the form. So this is expected as being localized. If 'label' is not given the technical name of the form elements are translated by the client. Acceptance criteria: • There is a new key like 'labelkey' that is used for carrying the technical name of the label that is localized by the client

ERA-8122	GET /bpm-engine/api/processes returns finished and running processes	As API user of bpm-engine, I would like to obtain all processes that were created by the authenticated user, in order to show this information to the user ("My processes"). Current implementation of the endpoint returns only running process, but not the finished ones.
		Acceptance criteria:
		<ul> <li>The GET operation on the endpoint /api/processes/ returns metadata of all processes (running, already implemented in ERA 7872) as well as completed processes that were created by the authenticated user in its tenant</li> </ul>
		<ul> <li>The metadata that describes process instances contains the following:</li> <li>businessKey</li> <li>deleteReason</li> </ul>
		durationInMillis     endActivityId     endTime
	<ul> <li>id</li> <li>name</li> <li>processDefinitionDescription</li> </ul>	
		<ul> <li>processDefinitionId</li> <li>processDefinitionName</li> </ul>
		<ul> <li>startActivityId</li> <li>startTime</li> <li>startUserId</li> </ul>
		<ul> <li>suspended</li> <li>variables</li> <li>It is possible to filter the process instances on their status</li> </ul>
		<ul> <li>isCompleted=true returns only finished processes</li> <li>isCompleted=false returns only running processes</li> </ul>
		<ul> <li>if filter is omitted, all processes are returned</li> <li>The request/response is paginated</li> </ul>
		<ul> <li>filter query parameters "suspended" and "subprocessId" are removed</li> </ul>
ERA-8171	GET /bpm-engine/api/tasks/ includes taskDefinitionKey	As a BPM-API user I would like to get the taskDefinitionKey of a task, in order to be able to handle tasks correctly in custom clients.
	parameter	Acceptance criteria:
		<ul> <li>When getting tasks (GET /bpm-engine/api/tasks/) or a task (GET /bpm-engine/api/tasks/taskId) the response shall include the parameter taskDefinitionKey</li> </ul>
ERA-8173	User task can be delegated	As a task assignee, I would like to be able to delegate the task to another user, in order to obtain his/her inpu about the task.
		Acceptance criteria
		<ul> <li>There exists a new action on a task, delegate</li> <li>Only assignee or delegated user can delegate a task</li> <li>Delegated task is visible to the user to whom it is delegated and no longer visible to original assignee</li> <li>A delegated task can be saved, resolved (ERA 8174) or further delegated (user X delegates to Y, Y delegates to Z, etc.), but it cannot be completed</li> </ul>
ERA-8174	A delegated User task can be resolved	As a task delegate, I would like to be able to resolve the task, in order to return task to the user who delegated it to me.
	lesolved	Acceptance criteria
		There exists a new action on a task, resolve
		<ul> <li>Resolved task is returned to original assignee (owner of the task) and becomes visible to him/her, and no longer visible to the delegate user</li> <li>Delegated task cannot be completed, it can be only resolved, saved, or delegated to another user</li> </ul>
ERA-8175	Process history contains information on identity links of tasks	As API user of bpm-engine, I would like to be able to obtain the list of historic identity links, in order to be able to show which users were involved in tasks of a process.
		Acceptance criteria:
		There is a parameter on process history that regulates whether to include task identity links in process history
		<ul> <li>Each historic-task item is extended, so that it contains a new sub-item that contains historic identity links</li> <li>The item contains an array containing historic identity links</li> <li>Each historic identity link contains the following parameters</li> <li>type</li> <li>userId</li> </ul>
		• groupld

ERA-8176	A delegated task can be identified as such	As a developer that uses API, I would like to be able to differentiate between delegated tasks and those that are not, in order to be able to offer to user the correct action for closing the task (resolve if delegated, complete otherwise). Acceptance criteria • The response of endpoints for getting tasks (GET /bpm-engine/api/tasks) and of getting a task (GET /bpm- engine/api/tasks/taskld) contains the field delegationState
	DMS documents can be accessed from http tasks executed in bpm-	As a workflow modeler I would like to access yuuvis documents from processes, in order to read or change their state from workflow logic.
	oligino	Acceptance criteria:
		<ul> <li>It is possible to access DMS documents from http tasks in Flowable:</li> <li>metadata</li> <li>content</li> </ul>
		<ul> <li>renditions</li> <li>Document can be only accessed in the same tenant as where the process instance is being executed</li> <li>Technical details</li> <li>There is a technical user that is being used to authorize these calls to the yuuvis Momentum core</li> <li>There exists a default username with default role that is used for all tenants</li> <li>These parameters are configurable in application.yml of bpm-engine service</li> </ul>
		<ul> <li>Technical users do not have to exist in IDM - the bpm-engine service can issue selfsigned JWT token for this purpose</li> <li>In order to indicate to http task that call shall be signed with yuuvis Momentum authorization header, user shall configure the following header in the http task</li> </ul>
		Authorization: %%YuuvisSystemInternal%%
ERA-8222	Microsoft SQL Server 2019 is supported	As a system integrator, I would like to use SQL Server 2019 as the database.
		<ul> <li>SQL Server 2019 is supported in bpm-engine</li> <li>SQL Server 2019 is supported in userservice</li> </ul>
ERA-8242	Candidate user can directly complete a task without claiming it first	As a user, I would like to complete tasks where I am candidate user even if I did not claim them, in order to reduce unnecessary clicks in client. This is in particular relevant for simple confirmation tasks, where user would have to claim the task, just to be able to click on confirm.
		Acceptance criteria:
		A candidate user of a user task can complete the task and update its variables without claiming it first
ERA-8258	A custom history entry (comment) can be created on a task	As API user of bpm-engine, I would like to be able to create custom protocol entries on a task, in order to persist important events that occurred on a task, for instance if they were caused by user action ("payment of invoice was not possible since IBAN is no longer valid").
		Acceptance criteria:
		<ul> <li>It is possible to create a custom history entry on a task with POST on /api/tasks/ {taskId}/comment</li> <li>The entries are as-is (not localized)</li> <li>The custom historic entry shall be linked to task- and to process-instance</li> <li>implementation detail: there is an optional parameter in Flowable API whether to save processInstanceld - this shall be always set to true, so that the comment is always visible in process-history</li> </ul>
ERA-8259	Process history contains custom history entries created on process tasks	As API user of bpm-engine, I would like to be able to obtain the list of custom history entries (comments) of a process instance, in order to be able to create and show the complete history of a process. Acceptance criteria:
		<ul> <li>Acceptance criteria:</li> <li>There is a parameter on process history that regulates whether to include custom history entries in process history. By default (when parameter is missing), the process history does not include comments</li> <li>Custom history entries are delivered in a separate section of the process history reponse</li> </ul>

OKTO- 4763	Batch delete	As a user, I would like to delete several documents at the same time so that I can more quickly remove documents that are no longer needed from the system.
		Acceptance criteria:
		an API endpoint is available for deleting multiple documents
OKTO- 4771	Additional separator in prefixes	As an administrator, I would like to use an additional separator to improve readability.
F7 7 1		Acceptance criteria:
		<ul> <li>an additional character is available for the tenant.</li> <li>the feature is documented</li> </ul>
OKTO- 4850	You are only offered object types you are allowed to create an object	As a programmer, I want to be supported by an endpoint that lists only those object types the logged-in user is allowed to create an object with.
	with	Acceptance criteria:
		<ul> <li>Endpoint for getting a list of object types and secondary object types for a user (without mock object)</li> <li>no other conditions will be evaluated</li> <li>result: a list of (secondary) types (discussion with Budgie)</li> </ul>
OKTO- 4968	Exporting the data of a client	As a system integrator, I would like to export the data of a client to make it available to the client.
1000		Acceptance criteria:
		<ul> <li>all documents with the associated binary and meta data are available in the file system.</li> <li>the meta data is exported as JSON, in the format of the object JSON</li> <li>no history data is exported</li> <li>no old versions are exported</li> <li>No permissions are taken into account but ALL documents of the client are exported.</li> </ul>
OKTO- 4971	All passwords in configurations can be replaced by placeholders	As an administrator, I do not want to store passwords in configurations in order to achieve a higher level of security.
		Acceptance criteria:
		<ul> <li>all passwords can be replaced by placeholders that can be configured via environment variables</li> <li>The feature is documented</li> </ul>
OKTO- 1980	SQL Server 2019 is supported	As a system integrator, I would like to use SQL Server 2019 as the database.
1000		Acceptance criteria:
		<ul> <li>SQL Server 2019 is supported</li> <li>tests are ready</li> <li>the feature is documented</li> </ul>
OKTO- 1992	Manipulation of tags when updating binary data	As a developer, I would like to update tags via the database-before-WebHook when updating binary data in order to be able to adjust the status of objects.
		Acceptance criteria:
		<ul> <li>Changes to the tags are possible when updating binary data (301) in the database-before hook.</li> <li>if changes are made to the tags, an audit entries are written</li> <li>the feature is documented.</li> </ul>
OKTO- 1998	dms.request.objects.upsert. database-before Webhook zum	As a user, I would like to be able to fill in required fields at a later stage of the installation.
	Ausfüllen von required-Feldern	Acceptance criteria:
		<ul> <li>Correction of incorrect values is possible in the webhook.</li> </ul>

As an administrator, when I delete a client, I also want to delete its configurations and clean up the system.

## Acceptance criteria:

- Configurations can be deleted from the ConfigService.
  The endpoint can be accessed through TenantManagement.
  The endpoint is documented

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