Changelog yuuvis® Momentum - Final - 2022 autumn

Schlüssel	Zusammenfassung	Beschreibung
BUD-73	As a user, you can set the filter value to 'currentUser' for user-specific fields, and you can set to 'today', ... for date fields for saving as standard	As a user you, you can set the filter value to 'currentUser' for user-specific fields, and you can set it to 'today', ... for date fields for saving as standard and reducing time when reusing a saved filter. Acceptance criteria: • For the fields 'Created', 'Edited', and string fields with classification 'id:organization' the value can be set to something like '#currentUser#' so a different user can search with his own ID. • For date fields like created and modified as well as any custom date field the value can be set to something like '#toDay#', '#yesterDay#', '#tomorrow#', #thisWeek#', '#lastWeek#', '#nextWeek#', '#thisMonth#', '#lastMonth#', '#lnextMonth#', '#thisYear#, '#lastYear#, '#nextYear# • Spike: another field function for Today + x TimeUnits (e.g. days) would be quite nice as well, to have a filter for contracts that need attention in the foreseeable future with fewer klicks. AC: 1. Set current user and set dynamic date is offered. 2. For = > and < dynamic date is offered, but not for a period. 3. As a dynamic date you can select: yesterday, today, tomorrow, this week, last week, next week, this month, last month, next month, this year, last year, next year.

BUD-367	As a system integrator, you are supported by endpoints to manage tenant specific text, forms, icons, and configurations	As a system integrator, I want to be supported by endpoints to manage tenant-specific text, forms, catalogs, and configurations so that I can manage other tenants as well.
		
		Acceptance Criteria:
		
		• System integrators are supported by endpoints to manage tenant-specific text, forms, catalogs, and configurations by using an additional URL parameter 'tenant' for the tenant name. List of affected endpoints:
		  ○ GET: /api/system/dms/forms/{objecttype}
		  ○ POST: /api/system/dms/forms/{objecttype}
		  ○ GET: /api/system/resources/config/{name}
		  ○ POST: /api/system/resources/config/{name}
		  ○ GET: /api/system/resources/icons/{path}
		  ○ POST: /api/system/resources/icons/{path}
		  ○ GET: /api/system/resources/text
		  ○ POST: /api/system/resources/text/{locale}
		  ○ GET: /api/system/resources/text/languages

BUD-529	The user and reference fields in a dynamic BPM form are resolved by the Web-API Gateway	As a user, I want to get user and reference fields in a BPM form resolved so that I am better informed by reading titles instead of IDs. But if the IDs were saved by a microservice the resolving does not take place. The problem is, that the Web-API Gateway does not use the given saved dynamic form to get the classification for the field. Acceptance criteria: • The endpoint api-web/api/bpm/tasks?size=100&sort=createTime&page=0&includeProcessVariables=true is resolving the title for user and reference columns of a table well. ○ dynamic forms that are saved as process variables are supported as well as forms that are saved via Web-API Gateway config endpoint with the name given in the Flowable formKey property. • The client does no more save titles for the references and users.

BUD-1113	[Koch Group/DTI]: As a user, you are supported by a performant loading Inbox in case of many tasks	so that I do not have to wait for many seconds.

Acceptance criteria:

- The Inbox offers to page by 50 tasks.
- Sorting is not supported
- Filtering is part of next story
- Partially loading of task variables, feasibility?

(related DB ticket: ~~DB-6608~~

BUD-1186	As a user, I want to be supported by an dashboard search aggregation that lists the folders first and in bold	As a user, I want be supported by an dashboard search aggregation that lists the folders first and in bold so that I can better differentiate between folder and document types.

Acceptance criteria:

- The aggregation lists the folders first and in bold.

BUD-1187	As a user, you get a result list of the general object type if only objects from floating object types are contained that are based on that general object type	As a user, I get a result list of the general object type if only objects from floating object types are contained that are based on that general object type so that I can see more columns than the mixed list is offering to me.

Acceptance criteria:

- This is done: In the configuration dialog of the settings view, it is possible to configure the columns for general object types.
- A result list with objects of leading types that are all based on the same generic object type and a column configuration exists for this generic object type this is used for listing the objects.
- If only objects of one FSOT are contained and not column configuration exist for this type but that of its general type than this is shown otherwise the mixed list.

BUD-1203	As an administrator, you can select possible classification-tags or enter your own one in the model mode	... so that you don't have to switch to the XML mode.

Acceptance criteria:

- it is possible to select specific classification tags corresponding to the property or object type or to enter custom ones. The specific ones are:
  - for all properties:
    - it is possible to use multiple custom classifications.
      - Notice in the documentation: If custom classifications should be handled by the architect as well it is necessary not to use semicolons because this character is used for seperating the single classifications.
    - appClient:standardform:hidden
    - appClient:summary:hidden
    - custom:multi:value (architect only for providing custom classification input)
  - for strings:
    - email
    - url
    - phone
    - catalog[value1,value2...]
    - dynamic:catalog[myCatalogName]
    - custom:catalog[/api-web/api/dms/catalogs/tenKolibri:processstatus]
    - id:organization
    - id:organization[myRoleName1,myRoleName2,...]
    - id:reference[myObjectType1,myObjectType2,...]
    - custom:component[PasswordComponent]
  - for numbers:
    - digit
  - for booleans:
    - switch
  - for tables:
    - sortable
  - for all object types:
    - appClient:search:false
    - appClient:create:false
    - appClient:icon[myIconName]
    - tag[myTagName,0,1,...]
  - for SOTs:
    - systemsot
    - appClient:primary
    - appClient:required

| BUD-1301 | As a system integrator, you can create a new app-schema | As a system integrator, you can create a new app-schema if that is needed. |

As a system integrator, you can create a new app-schema if that is needed.

Acceptance criteria:

- There is '+' button with the tool tip 'Creates an app-schema'/'Erstellt ein App-Schema' in the tree area of the 'Schema management' view.
- After pushing this icon a dialog is opened to enter the 'Name' with the buttons 'Cancel'/'Abbrechen' and 'Create'/'Erstellen'
  - The name is validated:
    length: 30 characters (to be verified)
    Allowed characters defined by regular expression: [a-z0-9]*
- After ** pushing create the the user is asked to start with a empty schema or to import one.
  - When 'Import schema' was pushed the known import is processed and the schema is available to be edited.
  - When 'Empty schema' was pushed an empty schema is created and offered to be edited.

BUD-1373 As a user with the role YUUVIS_MANAGE_SETTINGS, you are allowed to maintain the users of your tenant

As a user with the role YUUVIS_MANAGE_SETTINGS, you are allowed to maintain the users of your tenant so that my organization does not need to request an administrator to do that.

Acceptance criteria:

- A user with the role YUUVIS_MANAGE_SETTINGS is allowed
  - to use the Tenant Management API endpoints to search for users, create, update and delete a user
  - The users edit form is read only for users that have assigned the tenant admin or system integrator role.
  - to open the 'User management' in the architect.
  - The Tenant Management API is avoiding that only admin users are allowed to assign admin roles.

BUD-1390 As a user, you are supported by resolved IDs for users and references in a BPM-form, in this case, a form definition is saved in the config service

As a user, I want to be supported by resolved IDs for users and references, in this case, a form definition is saved in the config service so that I am better informed.

Acceptance criteria:

- The GET tasks endpoint is resolving these IDs by using the form-definition that is saved in the Config-Service.

BUD-1424 As a custom client programmer, you can support users to configure, save and reuse Saved Searches

As a programmer user, I am supported by libraries that allow me to offer the users features like this:

As a user, I am able to configure, save and reuse Saved Searches so that I don't have to configure my often-used searches all the time again. I want to arrange them on my dashboard for being always visible, and the less important ones on (an) additional workspace(s).

Acceptance criteria:

- A search can be configured and positioned on the dashboard including saving it per user, either on the dashboard or onto an additional workspace (?).
  - The configuration uses the existing search control
  - "dynamic" empty fields can be specified so that the user can change the value.
- When starting the client the saved searches that are positioned on the dashboard are loaded and cached.
- The dashboard shows the searches as being positioned before.
- The search can be executed and opens the result list view with the found objects
- An existing search can be edited and saved again.
- The search can be extended with a chart.
- The libraries are published and documented:

- - Library for creating custom dashboards. Applications can use the provided `WidgetGridRegistry` to register widgets that then could be configured and placed by the user.
    https://www.npmjs.com/package/@yuuvis/widget-grid
  - Library that contains a set of widgets to be used with `@yuuvis/widget-grid`.
    https://www.npmjs.com/package/@yuuvis/widget-grid-widgets

| BUD-1429 | As a user, you can comment a task so that this is shown in the process history | As a user, I can comment a task so that this is shown in the process history, for instance, if I want to document an important event others should know about as well ("payment of invoice was not possible since IBAN is no longer valid"). |

Acceptance criteria (see Ergänzungen as well):

- There is a possibility to comment a task ~~including simple formats like bold, italic, underlined, a list with numbers or points~~
  - endpoint to be used POST on .../api/tasks/ {taskId}/comment
- The process history is showing the comments of tasks
  to reduce data maybe only if requested to show comments as well.
  The call is

https://kolibri.enaioci.net/bpm-engine/api/processes/a1f0c01e-da6e-11ec-b7cd-fe702388afd2/history?includeIdentityLinks=false&includeComments=trueThe response looks like this:

```
{
  "tasks": [
    {
      "id": "a1f1837d-da6e-11ec-b7cd-fe702388afd2",
      "name": "1st_task_dynform",
      "description": "In this case, you have to do several things as
they are:\n1. subtask\n2. subtask",
      "assignee": "c13c0dc6-c006-4eb7-b292-00ca49352549",
      "owner": null,
      "createTime": "2022-05-23T08:02:03.986Z",
      "dueDate": null,
      "claimTime": null,
      "endTime": null,
      "identityLinks": []
    }
  ],
  "comments": [
    {
      "id": "e9b08a21-db6a-11ec-b7cd-fe702388afd2",
      "author": "c13c0dc6-c006-4eb7-b292-00ca49352549",
      "message": "Martin schreibt was ...",
      "time": "2022-05-24T14:07:57.532Z",
      "processInstanceId": "a1f0c01e-da6e-11ec-b7cd-fe702388afd2",
      "taskId": "a1f1837d-da6e-11ec-b7cd-fe702388afd2"
    }
  ]
}
```

| BUD-1433 | As a programmer, you can open the inbox with a filter parameter | As a programmer, you can open the inbox with a filter parameter so that you can support the user to focus on a specific set of tasks. |

Acceptance criteria:

- idea: the inbox can be called with the parameter 'filter'. The given value is used to filter the inbox after loading the task list. The value is shown in the filter field.
- After removing the filter, the filter parameter is removed from the URL.

| BUD-1488 | Performance optimization: All relevant IDM Controller endpoints can be requested with the parameter briefRepresentation | As a user, I want to be supported by a performant listing of user data so that I do not have to wait that long. |

Background: A-Team has measured the performance after changing from directly handly Keycloak to the tenant management API and see doubled time.

Acceptance criteria:

- The IDM Controller endpoints that list users can be called with the parameter briefRepresentation to get less information in a shorter time.
- The performance of the endpoints is optimized.
- The performance is tested by use of A-Teams BPM-Testset

| BUD-1490 | As a user, you can see the differences of a table between versions | Acceptance criteria: |

- In the versions state tables are good comparable

BUD-1491	As a programmer, you are supported by a reference client, and its libraries that are based on Angular 14, as well as the architect	As a programmer, I want to be supported by a reference client and its libraries that are based on Angular 14 so that I can use current 3rd party libraries. Acceptance criteria: • The reference client and its libraries are based on Angular 14 • The client is developer-tested and found issues are fixed including styling issues. • Test complete test by QA will follow next sprint.
BUD-1521	As a user, you are supported to see specified BPM variables shown in the process aspect	As a user, I want to be supported to see specified BPM variables shown in the process aspect so that I am better informed about the process. Acceptance criteria: • A programmer can "tell" the process details component which BPM variable should be shown to the general user.
BUD-1526	As a user with the role YUUVIS_MANAGE_SETTINGS, you are supported to edit your users in the architect	As a user with the role YUUVIS_MANAGE_SETTINGS, I want to be supported to edit the users of my tenant in the architect so that I don't have to ask a user with the role YUUVIS_TENANT_ADMIN to do this for me. Acceptance criteria: • This user gets the 'User management' tile offered on the dashboard • The user can maintain general users ○ All Roles can be assigned but not YUUVIS_TENANT_ADMIN and YUUVIS_SYSTEM_INTEGRATOR
BUD-1559	As an administrator, you are supported by a Tenant Management API that is based on Spring Boot 2.7.1 that reduces high CVE issues	As an administrator, I want the Tenant Management API to be based on Spring Boot 2.7.1 to reduce high CVE issues. Acceptance criteria: • The Tenant Management API is based on Spring Boot 2.7.1
BUD-1560	As an administrator, you are supported by a Web-API Gateway API that is based on Spring Boot 2.7.1 and which reduces high CVE issues	As an administrator, I am supported by a Web-API Gateway API that is based on Spring Boot 2.7.1 and which reduces high CVE issues. Acceptance criteria: • The Web-API Gateway API is based on Spring Boot 2.7.1
BUD-1815	As a user, you can see all comments of a process in My processes	As a user, I want to be able to see all comments on a process in My processes so that I know what to do. Acceptance criteria: • There process details are offering the aspect 'Comments' as is in the inbox for a task but without the create task feature.
BUD-1827	As an administrator, you can configure the HTTP header for the Web-API Gateway	As an administrator, you can configure the HTTP header for the Web-API Gateway and the Tenant Management API so the standard value can be extended if needed. Acceptance criteria: • see story text • If possible down fix the Autumn final version
ERA-8636	Keycloak-proxy can be horizontally scaled	As an operator of yuuvis Momentum system, I would like that Keycloak-proxy can be horizontally scaled in order to improve overall system availability and performance. Acceptance criteria: • The mapping of tenants (tenant-name) to keycloak-instance (yuuvis. keycloak.instance.address?) is preserved in a structure that is shared between proxy instances • State-changing operations are synchronized between the proxy instances

ERA-8693	architect has a new app for BPM administration	As BPM (business process management) adminstrator, I would like to have an app for BPM administration in yuuvis Momentum architect, in order to be able to manage them.

As BPM (business process management) adminstrator, I would like to have an app for BPM administration in yuuvis Momentum architect, in order to be able to manage them.

Acceptance criteria:

- An app for BPM admnistration can be started, allowing user to administer different aspects of BPM (such as processes and tasks)
- App is visible only to user with a specific role
  - by default, that is YUUVIS_TENANT_ADMIN
  - if a user without a role has URL leading to the app is returned to the landing page of the architect
- User with sufficient rights can enter the app and sees empty page

---

ERA-8808 — User can query the number of folders in a tenant

As a user I would like to see how many folders exist in a tenant, in order to be able to track the usage of created tenants.

Acceptance criteria:

- The existing endpoint that allows the user to see the document metrics (ERA-7477) is extended to contain the information on number of folders in a tenant

---

OKTO-5203 — Endpoint for explicitly reloading the configuration of the ConfigService

As a system integrator, once the configurations have been changed in the GIT, I want them to be available to the config service as quickly as possible to allow configuration updates, such as staging.

Acceptance criteria:

- an endpoint is available in the ConfigurationService, which is used to synchronize the local configuration
- the GIT the endpoint enables explicit triggering after changes in the GIT
- Staging the endpoint is documented

OKTO-5204 — Synchronous and asynchronous updating of data in elasicsearch can be controlled via a parameter

As a developer, I would like to be able to control whether the import and update functions should wait for a complete write in elastcsearch or not in order to control the behaviour according to the requirements.

Currently, some functions, such as updating data, are waiting for the data to be available in elasicsearch. This makes it possible to request this data again directly after updating. However, this can lead to very long call-up times under certain circumstances, even if a subsequent request is not necessary. In order to simplify these functions, the behaviour should be controllable.

Acceptance criteria:

- the corresponding functions can be controlled via an additional parameter
- the default value of each parameter corresponds to the current behaviour
- tests exist for all corresponding functions
- the functions and their behaviour is documented

OKTO-5207 — JWT token generation for internal services

As a developer I want to get and validate valid JWT tokens for the system without having to generate them myself to be independent of the authentication system in question.

Acceptance Criteria:

- a token valid for the system can be issued or validated via the endpoints
- the OIDC standard is to be used for registration.
- cross-tenant works
- Ensuring that it only works within the cluster
- the function is documented

OKTO-5234 — DELL S3 archive driver

As a system integrator I would like to connect the DELL-ECS-Arciv via the S3-driver to use a future-proof interface.

Acceptance Criteria:

- Storage with retentions is possible via the S3 interface
- the data can be determined via the S3 interface
- the interface is tested
- the interface and its use is documented

OKTO-5243 — System integrator can manage tenant permissions

As a system integrator, I want to be able to maintain the permissions of a tenant in this case, a tenant does not have an administrator account.

Acceptance criteria:

- There are system controller endpoints that allow to create, read, save, and validate the permissions of a tenant.
- The feature is documented

| OKTO-5314 | Update of elasicsearch to version 7.16 to prevent security alerts | As a system operator I want to make sure that there are no known vulnerabilities in the system. Therefore, elastcsearch should be raised to a version that corresponds to the current state.

Acceptance Criteria:

- elasticseach was updated and the image was provided
- a test report has been drawn up
- the new version has passed the integration test |

31 Vorgänge