



GUI Customizations

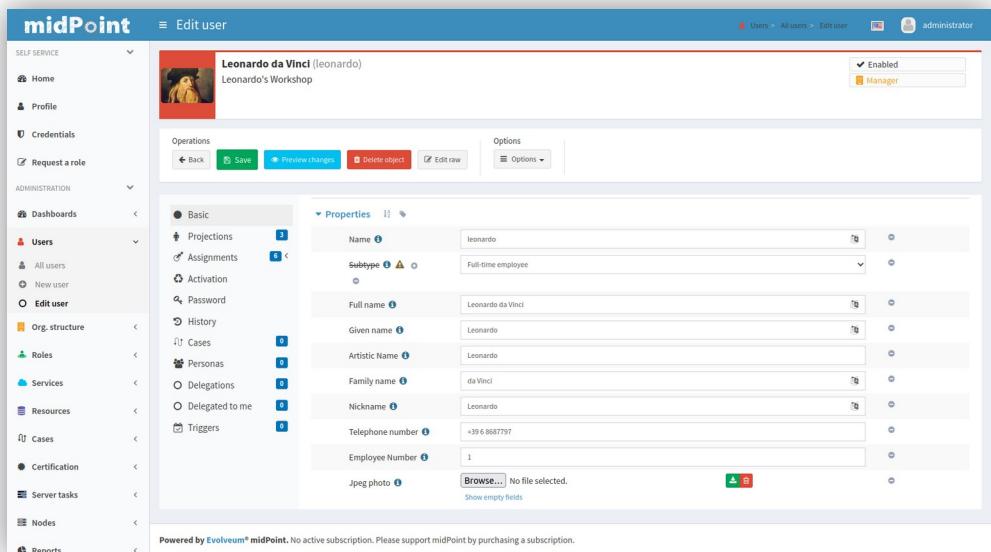
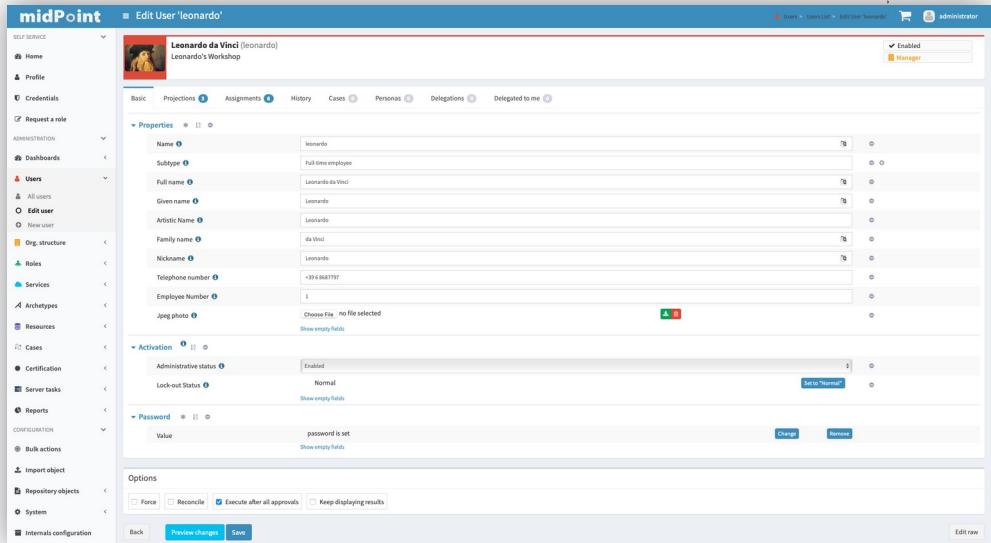
Katarína Bolement / February 2022



- Changes in 4.4
- Basic structure
- How it works
- Demo

Changes in MidPoint 4.4

- Changed design of object details pages
 - „tabs“ replaced with „details navigation menu“
 - Moved action buttons
- Better UX
 - Better modularity
 - Less information on screen at once
- More configuration options
 - Flexible configuration for details navigation menu
 - Flexible configuration for virtual sections (containers)



Admin GUI Configuration

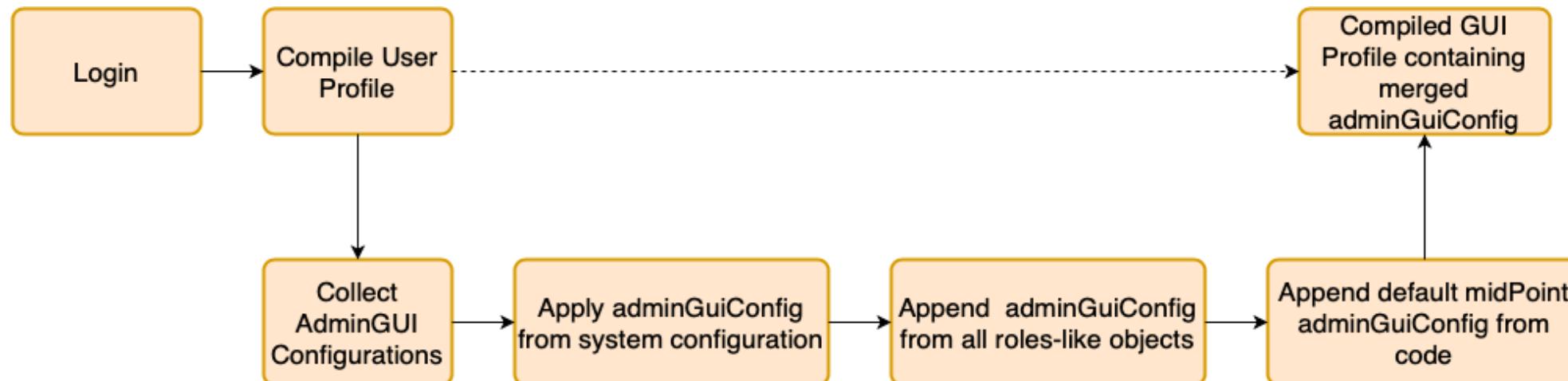
Basic structure:

- additionalMenuLink
- userDashboardLink
- objectCollectionViews
- **objectDetails**
- userDashboard
- defaultTimezone
- preferredDataLanguage
- feedbackMessagesHook
- ...

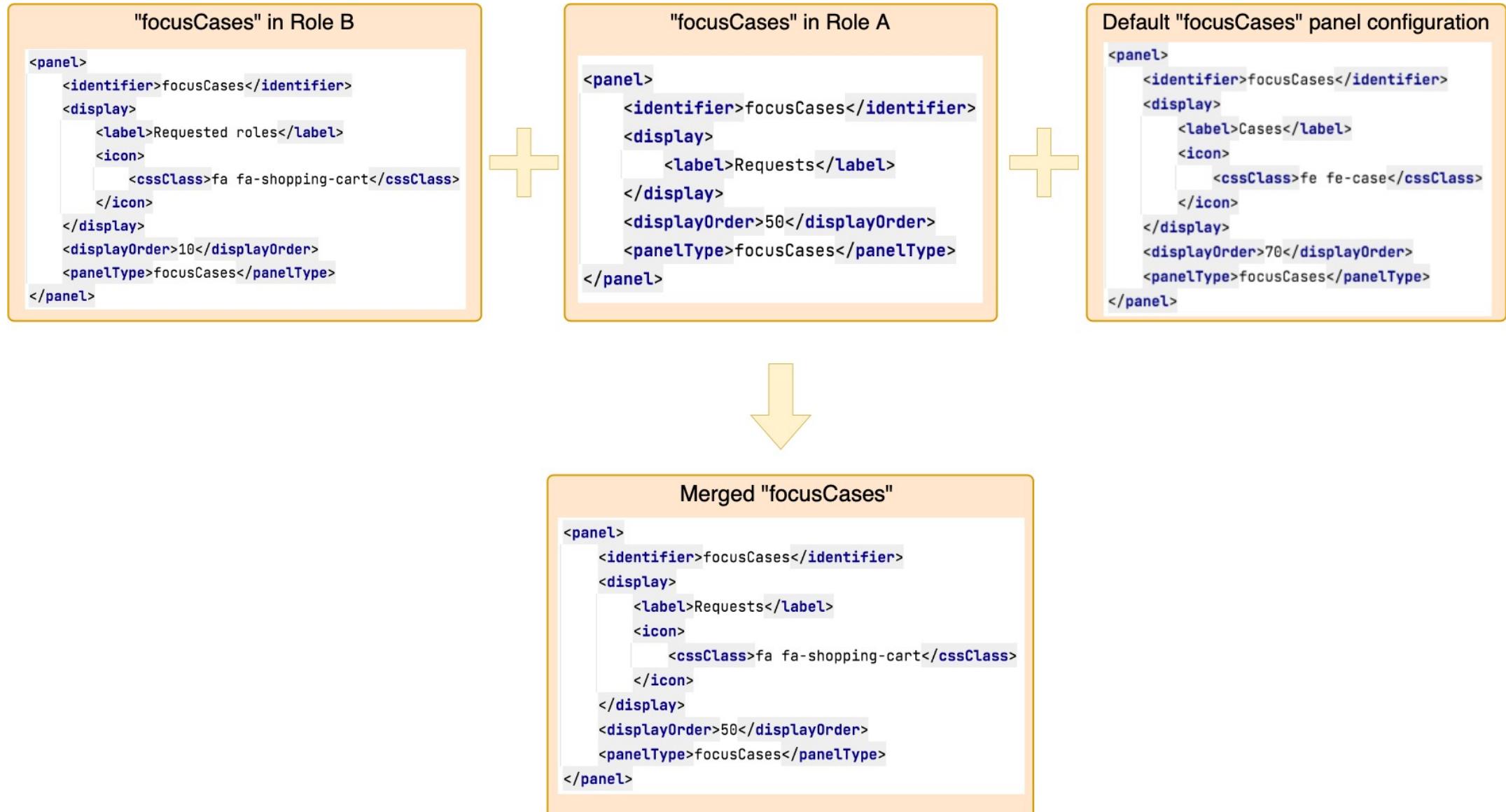
```
<adminGuiConfiguration>
  <objectCollectionViews>
    <objectCollectionView>
      <identifier>teachers</identifier>
      <displayOrder>1000</displayOrder>
      <type>UserType</type>
      <collection>
        <collectionRef oid= Teacher: "6ad9b419-9422-40d3-be4f-440f2ad4fefd" relation="c
      </collection>
    </objectCollectionView>
  </objectCollectionViews>
  <objectDetails>
    <objectDetailsPage>
      <type>UserType</type>
      <panel>
        <identifier>assignments</identifier>
        <panel>
          <identifier>faculty-assignments</identifier>
          <display>
            <label>Faculty</label>
            <tooltip>Classes assigned to me to teach</tooltip>
            <icon>
              <cssClass>fa fa-building-o</cssClass>
            </icon>
          </display>
          <panelType>orgAssignments</panelType>
          <listView>
            <identifier>faculty-assignments-view</identifier>
            <collection>
              <collectionRef oid= Faculty Assignments: "d53dea67-3860-437b-9003-081e
              </collectionRef>
            </collection>
          </listView>
        </panel>
      </panel>
    </objectDetailsPage>
```

How It Works

- Defined in system configuration, role-like objects, archetypes
- Merged according to the identifier attribute (mandatory since 4.4)
- Customizations from role-like objects override configuration from system configuration
- Conflicting customizations from different roles lead to unexpected behavior
 - No guarantee for ordering while merging customizations
 - Last role-like object processed by the merging mechanism wins
- Default panels with pre-defined identifiers (listed in docs)



Example 1: Panels Merging



Example 2: Panels Merging

"focusCases" in Role A

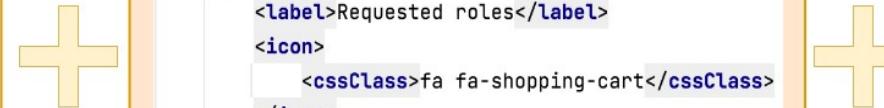
```
<panel>
  <identifier>focusCases</identifier>
  <display>
    <label>Requests</label>
  </display>
  <displayOrder>50</displayOrder>
  <panelType>focusCases</panelType>
</panel>
```

"focusCases" in Role B

```
<panel>
  <identifier>focusCases</identifier>
  <display>
    <label>Requested roles</label>
    <icon>
      <cssClass>fa fa-shopping-cart</cssClass>
    </icon>
  </display>
  <displayOrder>10</displayOrder>
  <panelType>focusCases</panelType>
</panel>
```

Default "focusCases" panel configuration

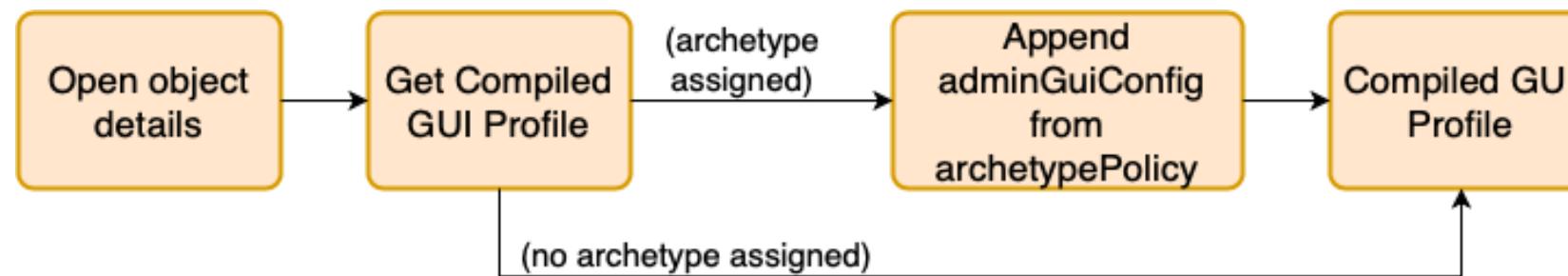
```
<panel>
  <identifier>focusCases</identifier>
  <display>
    <label>Cases</label>
    <icon>
      <cssClass>fe fe-case</cssClass>
    </icon>
  </display>
  <displayOrder>70</displayOrder>
  <panelType>focusCases</panelType>
</panel>
```



Merged "focusCases"

```
<panel>
  <identifier>focusCases</identifier>
  <display>
    <label>Requested roles</label>
    <icon>
      <cssClass>fa fa-shopping-cart</cssClass>
    </icon>
  </display>
  <displayOrder>10</displayOrder>
  <panelType>focusCases</panelType>
</panel>
```

- Customizations defined in archetypePolicy/adminGuiConfiguration
- Only object details configuration supported for now
- Merged while opening object details page
 - Information about archetype in object's assignment



Object Details Page

≡ Edit user

Leonardo da Vinci (leonardo)
Leonardo's Workshop

Summary panel

Enabled Manager

Operations

Save Preview changes Delete object Edit raw Options

Action buttons

Basic

- Projections 3
- Assignments 6
- Activation
- Password
- History
- Cases 0
- Personas 0
- Delegations 0
- Delegated to me 0
- Triggers 0

Properties

Name	leonardo
Subtype	Full-time employee
Full name	Leonardo da Vinci
Given name	Leonardo
Artistic Name	Leonardo
Family name	da Vinci
Nickname	Leonardo
Telephone number	+39 6 8687797
Employee Number	1
Jpeg photo	Browse... No file selected. Show empty fields

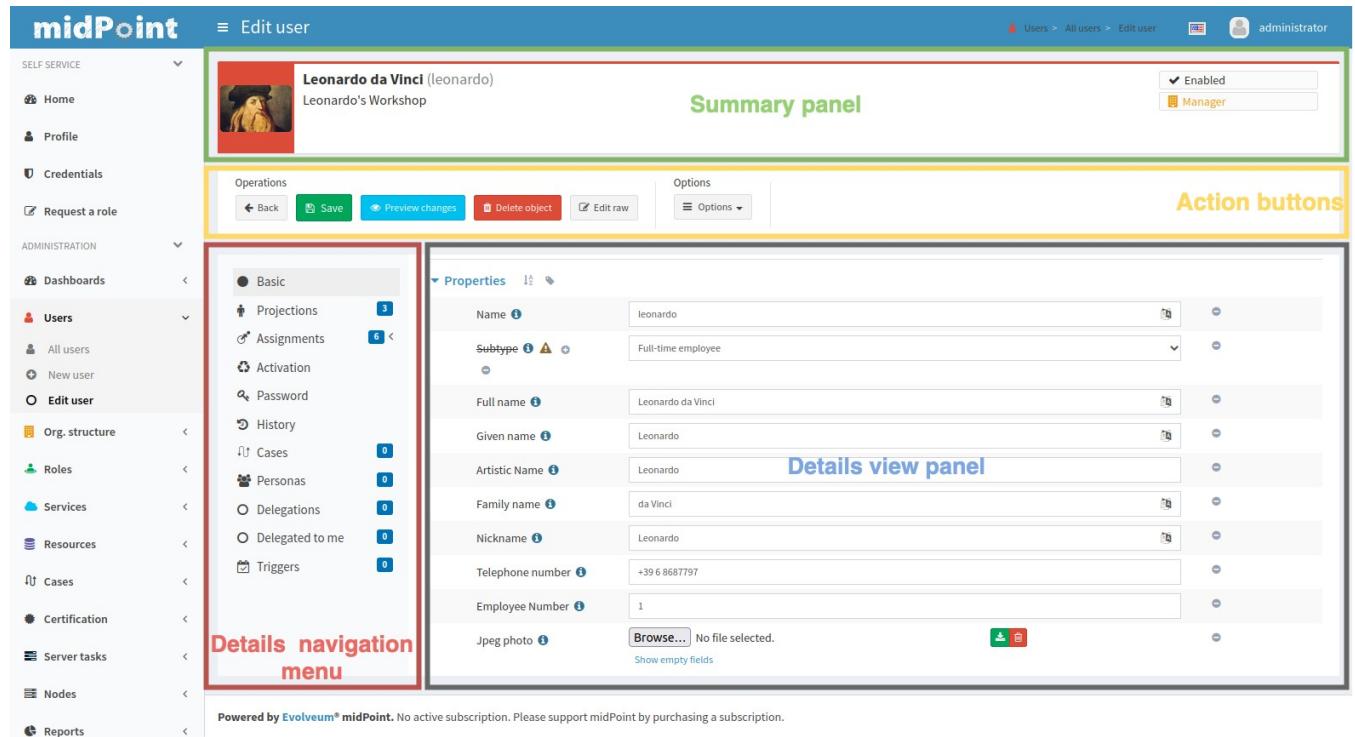
Details view panel

Details navigation menu

| Object Details Page Configuration

- Default structure:

- type – for which the configuration is applied (e.g. UserType, RoleType, ...)
- summaryPanel – customization for the summary panel
- panel – configuration for details navigation menu + details view panel



The screenshot shows the midPoint interface for editing a user named 'Leonardo da Vinci'. The page is divided into several sections:

- Summary panel:** At the top right, it shows the user's name ('Leonardo da Vinci (leonardo)') and subtitle ('Leonardo's Workshop'). It also includes status indicators ('Enabled' and 'Manager') and action buttons ('Save', 'Preview changes', 'Delete object', 'Edit raw', 'Options').
- Action buttons:** A yellow box highlights the action buttons at the top right of the main content area.
- Details view panel:** This panel contains a list of properties for the user:
 - Name: leonardo
 - Subtype: Full-time employee
 - Full name: Leonardo da Vinci
 - Given name: Leonardo
 - Artistic Name: Leonardo
 - Family name: da Vinci
 - Nickname: Leonardo
 - Telephone number: +39 6 8687797
 - Employee Number: 1
 - Jpeg photo: [Browse...]
- Details navigation menu:** A red box highlights the sidebar on the left, which lists various operations and assignments for the user.
- Powered by Evolveum® midPoint.** A note at the bottom indicates there is no active subscription.

Object Details Page – Summary Panel

The diagram illustrates the mapping of object details to a summary panel. It shows three main components: an XML configuration, a summary panel preview, and a code editor.

XML Configuration:

- DisplayName:** Maps to the title "Student Harry Potter (plays for: quiddich-griffindor)".
- Organization:** Maps to the subtitle "Application login: h.potter Study at: Gryffindor".
- Identifier:** Maps to the "plays for" section of the summary panel.
- Title1:** Maps to the "Study at" section of the summary panel.

Summary Panel Preview:

Student Harry Potter (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Code Editor:

```
<identifier>
  <expression>
    <script>
      <code>for (org in orgs) {
        if (org.getSubtype().contains("team")) {
          return "plays for: " + org.getName().getOrig();
        }
      }
      return "no quiddich team"
    </code>
  </script>
</expression>
</identifier>
```

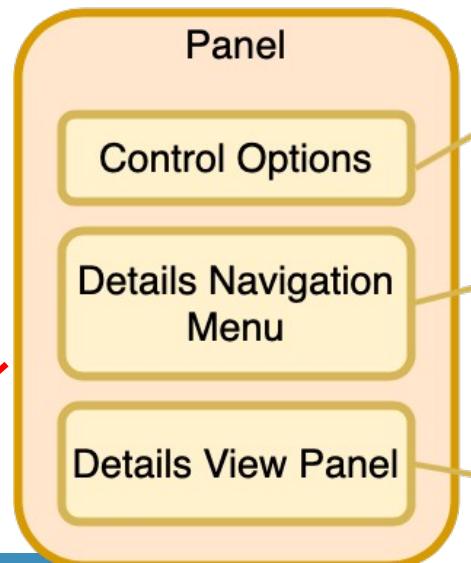
```
<organization>
  <expression>
    <script>
      <code>for (org in orgs) {
        if (org.getSubtype().contains("access")) {
          return "Study at: " + org.getName().getOrig();
        }
      }
    </code>
  </script>
</expression>
</organization>
```

```
<title1>
  <expression>
    <script>
      <code>"Application login: " + object.getName().getOrig()
    </code>
  </script>
</expression>
</title1>
```

Object Details Page - Panel

- Details Navigation Menu:
 - Label, icon, display order
- Control Options
 - Visibility, identifier

The screenshot shows the midPoint interface for editing a user named Leonardo da Vinci. The left sidebar contains a 'Details navigation menu' with sections like Basic, Projections, Assignments, Activation, Password, and History. The main content area has a 'Summary panel' at the top with 'Action buttons' (Back, Save, Preview changes, Delete object, Edit raw) and an 'Options' dropdown. Below it is a 'Properties' table with fields such as Name, Subtype, Full name, Given name, Artistic Name, Family name, Nickname, Telephone number, Employee Number, and Jpeg photo. The 'Details view panel' is labeled at the bottom of the table.



```
<panel>
  <identifier>class-assignments</identifier>
  <visibility>visible</visibility>

  <display>
    <label>Classes</label>
    <tooltip>Classes assigned to me to teach</tooltip>
  </display>
  <displayOrder>12</displayOrder>

  <panelType>roleAssignments</panelType>
  <listView>
    <identifier>class-assignments-view</identifier>
    <collection>
      <collectionRef oid= Class Assignments: "412e76ea-9134-4051-...
        </collectionRef>
    </collection>
  </listView>
  <container>
    <visibility>visible</visibility>
    <identifier>assignment-view</identifier>
    ...
  </container>
</panel>
```

- Details View Panel:
 - Panel to be used to display data
 - Table customizations, virtual sections

Demo

(prepared on support-4.4 branch, target version 4.4.2)

Summary Panel Customizations

The diagram illustrates the configuration of a Summary Panel for a user profile. The panel displays the user's name, application login, and study location, along with their roles and a summary of their organizations.

User Profile:

- Name:** Student Harry Potter (plays for: quiddich-griffindor)
- Application login:** h.potter
- Study at:** Gryffindor
- Roles:** Enabled, End user, Manager, Student

Panel Configuration:

- Student Harry Potter (plays for: quiddich-griffindor):** This section is defined by the XML code under `<displayName>`. It uses a script expression to concatenate "Student " with the user's full name and their team.
- Organization Summary:** This section is defined by the XML code under `<organization>`. It uses a script expression to iterate through the user's organizations and return the name of the first organization that has the subtype "access".
- Summary Text:** This section is defined by the XML code under `<title1>`. It contains a single script expression that returns the user's application login.

XML Code Snippets:

```
<displayName>
    <expression>
        <script>
            <code>'Student ' + object.getFullName().getOrig()</code>
        </script>
    </expression>
</displayName>
```

```
<organization>
    <expression>
        <script>
            <code>
                for (org in orgs) {
                    if (org.getSubtype().contains("access")) {
                        return "Study at: " + org.getName().getOrig();
                    }
                }
            </code>
        </script>
    </expression>
</organization>
```

```
<identifier>
    <expression>
        <script>
            <code>
                for (org in orgs) {
                    if (org.getSubtype().contains("team")) {
                        return "plays for: " + org.getName().getOrig();
                    }
                }
                return "no quiddich team"
            </code>
        </script>
    </expression>
</identifier>
```

```
<title1>
    <expression>
        <script>
            <code>"Application login: " + object.getName().getOrig()</code>
        </script>
    </expression>
</title1>
```

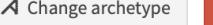
- **Split default attributes to virtual (logical) sections**
 - Personal data, Contact information
- Student/Teacher-related information
 - Override label in archetype
- Hide default „Properties“ for Student
- Collapse Student/Teacher and Contact information for End users
- Make Contact information and Personal data separated panels for Teachers
- Make Personal Data default panel for Teachers

Virtual Sections

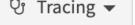
 Harry Potter (h.potter)
Griffindor

Enabled
 End user
 Manager
 Student

Operations

Back  Save  Preview changes  Change archetype  Delete object  Edit raw

Options & Tracing

Options  Tracing

Basic

- Projections 
- Assignments 
- Activation
- Password
- History
- Cases 
- Personas 
- Delegations 
- Delegated to me 
- Triggers 

Properties 

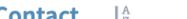
Subtype      student

Show empty fields

Personal data 

Name 	h.potter	 
Full name 	Harry Potter	 
Given name 	Harry	 
Family name 	Potter	 

Show empty fields

Contact 

Show empty fields

- Split default attributes to virtual (logical) sections
 - Personal data, Contact information
- **Student/Teacher-related information**
 - Override label in archetype
- Hide default „Properties“ for Student
- Collapse Student/Teacher data and Contact information for End users
- Make Contact information and Personal data separated panels for Teachers
- Make Personal Data default panel for Teachers

Student/Teacher Information

Albus Dumbledore (a.dumbledore)
Auxiliary

Operations Options & Tracing

Back Save Preview changes Change archetype Delete object Edit raw Options Tracing

Basic Projections (2) Assignments (5) Activation Password History Cases Personas Delegations Delegated to me Triggers

Properties Subtype (employee) Personal data Contact Teacher information

Name: a.dumbledore
Full name: Albus Dumbledore
Given name: Albus
Family name: Dumbledore
Email: a.dumbledore@hogwarts.com
Telephone number: +12312312312
Employee Number: Cost Center: Organization: Organizational Unit:

Show empty fields Hide empty fields

Enabled End user Manager Teacher

Student Harry Potter (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Operations Options & Tracing

Back Save Preview changes Change archetype Delete object Edit raw Options Tracing

Basic Projections (2) Assignments (4) Activation Password History Cases Personas Delegations Delegated to me Triggers

Properties Subtype (student) Personal data Contact Student information

Name: h.potter
Full name: Harry Potter
Given name: Harry
Family name: Potter
Email: h.potter@hogwarts.com
Telephone number: +23423443
Employee Number: Cost Center: Organization: Organizational Unit:

Show empty fields Hide empty fields Hide empty fields

Enabled End user Manager Student

- Split default attributes to virtual (logical) sections
 - Personal data, Contact information
- Student/Teacher-related information
 - Override label in archetype
- **Hide default „Properties“ for Student**
- Collapse Student/Teacher data and Contact information for End users
- Make Contact information and Personal data separated panels for Teachers
- Make Personal Data default panel for Teachers

Hide Default „Properties“ For Student

Student Harry Potter (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Operations

Back  Save  Preview changes  Change archetype  Delete object  Edit raw Options & Tracing Options  Tracing

Basic

- Projections 2
- Assignments 4
- Activation
- Password
- History
- Cases 0
- Personas 0
- Delegations 0
- Delegated to me 0
- Triggers 0

Personal data

Name 	h.potter	 
Full name 	Harry Potter	 
Given name 	Harry	 
Family name 	Potter	 

Show empty fields

Contact

Email 	h.potter@hogwarts.com	 
Telephone number 	+23423443	 

Hide empty fields

Student information

Employee Number 		 
Cost Center 		 
Organization   		 
Organizational Unit   		 

Hide empty fields

- Split default attributes to virtual (logical) sections
 - Personal data, Contact information
- Student/Teacher-related information
 - Override label in archetype
- Hide default „Properties“ for Student
- **Collapse Student/Teacher and Contact information for End users**
- Make Contact information and Personal data separated panels for Teachers
- Make Personal Data default panel for Teachers

Collapsed Student/Teacher, Contact Information – End users



Student Harry Potter (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Enabled
End user
Manager
Student

Operations
[Back](#) [Save](#)

Basic

- Projections 2
- Assignments 4
- Activation
- Password
- History
- Cases 0
- Personas 0
- Delegations 0
- Delegated to me 0
- Triggers 0

Personal data

Name <small>i</small>	h.potter	A	-
Full name <small>i</small>	Harry Potter	A	-
Given name <small>i</small>	Harry	A	-
Family name <small>i</small>	Potter	A	-

Show empty fields

Contact

Student information

- Split default attributes to virtual (logical) sections
 - Personal data, Contact information
- Student/Teacher-related information
 - Override label in archetype
- Hide default „Properties“ for Student
- Collapse Student/Teacher data and Contact information for End users
- **Make Contact information and Personal data separated panels for Teachers**
- Make Personal Data default panel for Teachers

Separated Panels For Contact, Personal Data - Teacher

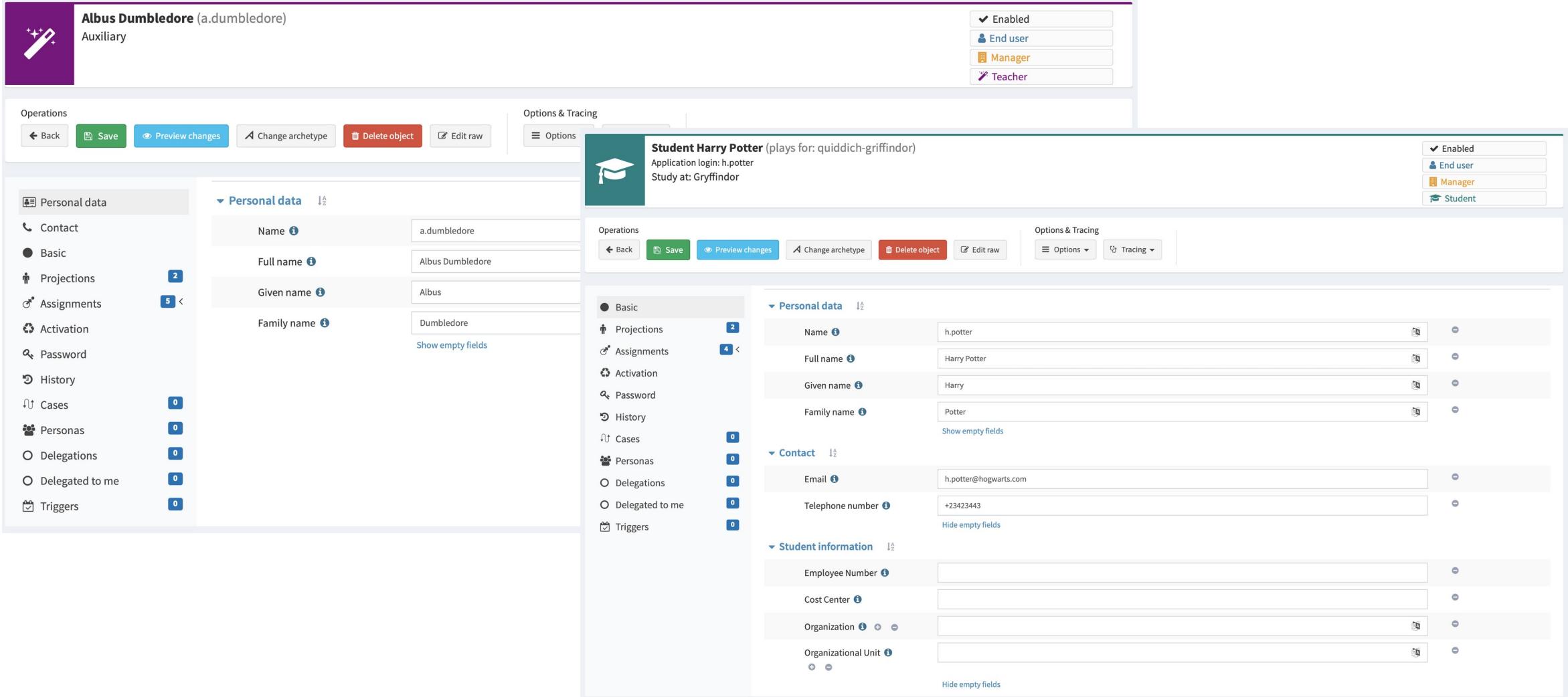
The screenshot displays two separate panels for managing a teacher object named 'Albus Dumbledore' (a.dumbledore). Both panels have identical top sections: a purple header bar with a pencil icon, the object name and type ('Albus Dumbledore (a.dumbledore) Auxiliary'), a status section ('Enabled', 'End user', 'Manager', 'Teacher'), and an operations bar with 'Save', 'Preview changes', 'Change archetype', 'Delete object', 'Edit raw', 'Options & Tracing', and 'Tracing' dropdowns.

Left Panel (Personal Data): This panel is titled 'Personal data'. It contains fields for 'Name' (a.dumbledore), 'Full name' (Albus Dumbledore), 'Given name' (Albus), and 'Family name' (Dumbledore). A 'Show empty fields' link is present. On the left sidebar, under 'Personal data', there are links for 'Contact', 'Basic', 'Projections' (with 2 items), 'Assignments' (with 5 items), 'Activation', 'Password', 'History', 'Cases' (0), 'Personas' (0), 'Delegations' (0), 'Delegated to me' (0), and 'Triggers' (0).

Right Panel (Contact): This panel is titled 'Contact'. It contains fields for 'Email' (a.dumbledore@hogwarts.com) and 'Telephone number' (+12312312312). A 'Show empty fields' link is present. On the left sidebar, under 'Contact', there are links for 'Basic', 'Projections' (with 2 items), 'Assignments' (with 5 items), 'Activation', 'Password', 'History', 'Cases' (0), 'Personas' (0), 'Delegations' (0), 'Delegated to me' (0), and 'Triggers' (0).

- Split default attributes to virtual (logical) sections
 - Personal data, Contact information
- Student/Teacher-related information
 - Override label in archetype
- Hide default „Properties“ for Student
- Collapse Student/Teacher data and Contact information for End users
- Make Contact information and Personal data separated panels for Teachers
- **Make Personal Data default panel for Teachers**

Basic Panel Customizations



The screenshot displays two side-by-side panels within an application interface, illustrating basic panel customizations.

Left Panel (Albus Dumbledore):

- Header:** Albus Dumbledore (a.dumbledore) - Auxiliary
- Operations:** Back, Save, Preview changes, Change archetype, Delete object, Edit raw
- Options & Tracing:** Options, Tracing
- Personal data:** Name: a.dumbledore, Full name: Albus Dumbledore, Given name: Albus, Family name: Dumbledore
- Bottom Left:** Navigation menu:
 - Personal data (selected)
 - Contact
 - Basic
 - Projections (2)
 - Assignments (5)
 - Activation
 - Password
 - History
 - Cases (0)
 - Personas (0)
 - Delegations (0)
 - Delegated to me (0)
 - Triggers (0)

Right Panel (Student Harry Potter):

- Header:** Student Harry Potter (plays for: quidditch-gryffindor)
Application login: h.potter
Study at: Gryffindor
- Operations:** Back, Save, Preview changes, Change archetype, Delete object, Edit raw
- Options & Tracing:** Options, Tracing
- Basic:** Projections (2), Assignments (4), Activation, Password, History, Cases (0), Personas (0), Delegations (0), Delegated to me (0), Triggers (0)
- Personal data:** Name: h.potter, Full name: Harry Potter, Given name: Harry, Family name: Potter
- Contact:** Email: h.potter@hogwarts.com, Telephone number: +23423443
- Student information:** Employee Number, Cost Center, Organization (with three small circular icons), Organizational Unit (with two small circular icons)

- **Add new menu item (Faculty) for Assignments for Students**
- Add new menu items (Organization Tree, Classes) for Teachers to navigation menu
 - Customize Organization Tree table view
- Hide whole Assignments menu for End user
- Add new menu item (Owning classes) and hide menu item (Classes) for role Approver
 - Customize table view for Owning classes

Faculty Menu Item Under Assignments

Student Harry Potter (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Operations

Enabled
End user
Manager
Student

Options & Tracing

Basic

Projections 2
Assignments 4
Faculty
All
Role
Organization
Service
Resource
All direct/indirect assignments
Consents
Data protection

Gryffindor

Name	Activation	Relation	Identifier
Gryffindor	enabled	Member	Hogwarts/Students

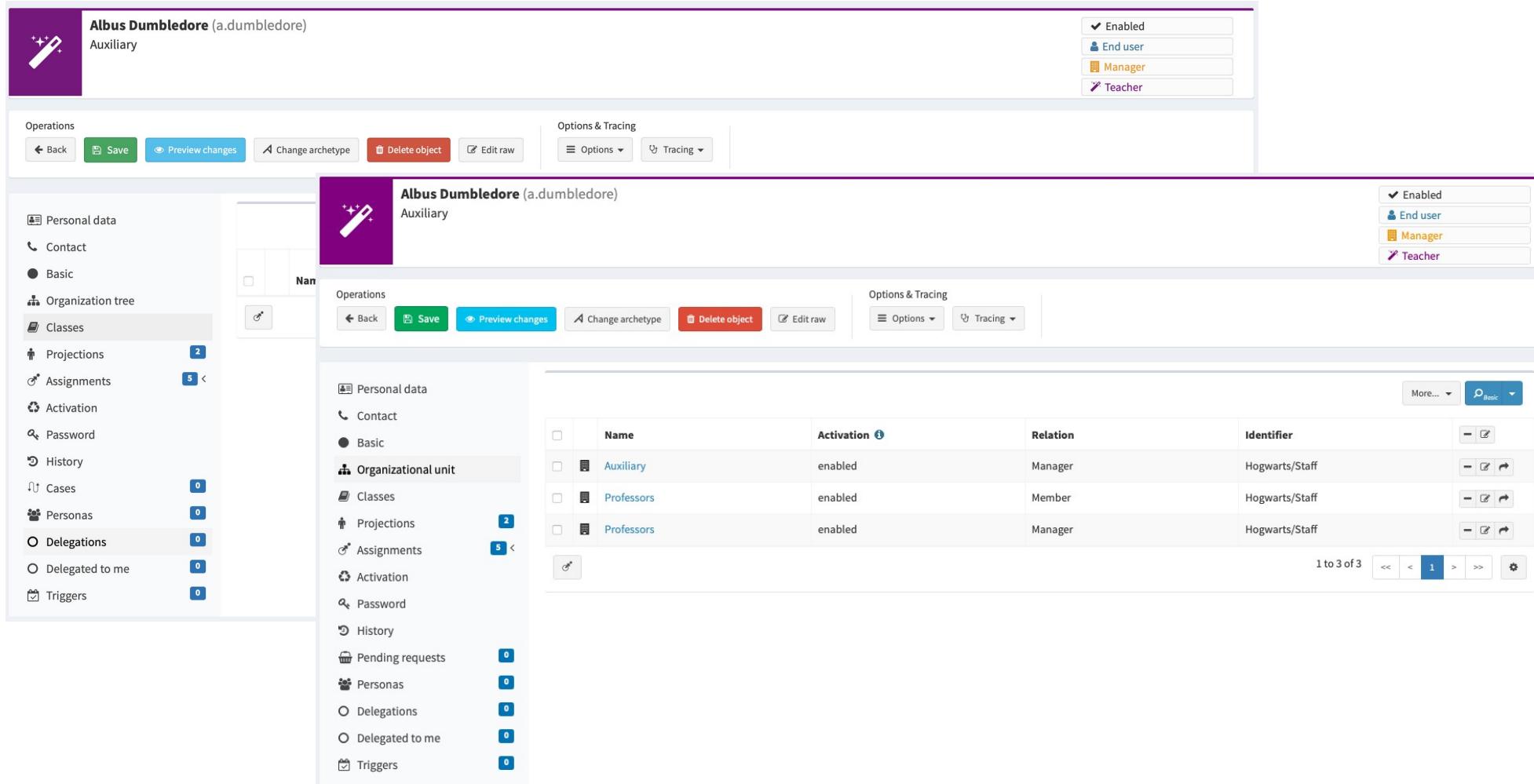
More... Basic

1 to 1 of 1 << < 1 > >>

Cases 0
Personas 0
Delegations 0
Delegated to me 0
Triggers 0

- Add new menu item (Faculty) for Assignments for Students
- **Add new menu items (Organizational Units, Classes) for Teachers to navigation menu**
 - Customize Organizational Unit table view
- Hide whole Assignments menu for End user
- Add new menu item (Owned classes) and hide menu item (Classes) for role Approver
 - Customize table view for Owned classes

Organization Tree, Class Assignments



The screenshot displays two side-by-side views of the Evolveum application interface, both centered on the object "Albus Dumbledore (a.dumbledore)" with the type "Auxiliary".

Left View (Organization Tree):

- Operations:** Back, Save, Preview changes, Change archetype, Delete object, Edit raw.
- Options & Tracing:** Options, Tracing.
- Enabled checkboxes:** Enabled, End user, Manager, Teacher.
- Navigation:** Personal data, Contact, Basic, Organization tree, Classes (selected), Projections, Assignments (5), Activation, Password, History, Cases (0), Personas (0), Delegations (0), Delegated to me (0), Triggers (0).
- Object Details:** Albus Dumbledore (a.dumbledore) Auxiliary.

Right View (Class Assignments):

- Operations:** Back, Save, Preview changes, Change archetype, Delete object, Edit raw.
- Options & Tracing:** Options, Tracing.
- Enabled checkboxes:** Enabled, End user, Manager (highlighted in yellow), Teacher.
- Navigation:** Personal data, Contact, Basic, Organizational unit (selected), Classes, Projections, Assignments (5), Activation, Password, History, Pending requests (0), Personas (0), Delegations (0), Delegated to me (0), Triggers (0).
- Table:** A grid showing class assignments for Albus Dumbledore.

Name	Activation	Relation	Identifier
Auxiliary	enabled	Manager	Hogwarts/Staff
Professors	enabled	Member	Hogwarts/Staff
Professors	enabled	Manager	Hogwarts/Staff
- Pagination:** 1 to 3 of 3, navigation icons (less than, greater than, first, last).

- Add new menu item (Faculty) for Assignments for Students
- Add new menu items (Organizational Unit, Classes) for Teachers to navigation menu
 - **Customize Organizational Unit table view**
- Hide whole Assignments menu for End user
- Add new menu item (Owned classes) and hide menu item (Classes) for role Approver
 - Customize table view for Owned classes

Custom Columns For Organization Tree Assignments



Albus Dumbledore (a.dumbledore)
Auxiliary

Enabled
 End user
 Manager
 Teacher

Operations
[Back](#) [Save](#) [Preview changes](#) [Change archetype](#) [Delete object](#) [Edit raw](#) [Options & Tracing](#) [Options](#) [Tracing](#)

Personal data
[Contact](#)
[Basic](#)
[Organizational unit](#)
[Classes](#)
[Projections](#)
[Assignments](#) (2)
[Activation](#)
[Password](#)
[History](#)
[Pending requests](#) (0)
[Personas](#) (0)
[Delegations](#) (0)
[Delegated to me](#) (0)
[Triggers](#) (0)

	Organizational unit	Manager	Active	
<input type="checkbox"/>	Auxiliary	true	true	- Edit Move
<input type="checkbox"/>	Professors	false	true	- Edit Move
<input type="checkbox"/>	Professors	true	true	- Edit Move

More... [Basic](#)

1 to 3 of 3 [<<](#) [<](#) [1](#) [>](#) [>>](#) [⚙️](#)

- Add new menu item (Faculty) for Assignments for Students
- Add new menu items (Organizational Unit, Classes) for Teachers to navigation menu
 - Customize Organizational Unit table view
- **Hide whole Assignments menu for End user**
- Add new menu item (Owned classes) and hide menu item (Classes) for role Approver
 - Customize table view for Owned classes

Assignment Menu Item Hidden

 **Student Harry Potter** (plays for: quiddich-griffindor)
Application login: h.potter
Study at: Gryffindor

Enabled
 End user
 Manager
 Student

Operations
[Back](#) [Save](#)

Basic

- Projections 2
- Activation
- Password
- History
- Cases 0
- Personas 0
- Delegations 0
- Delegated to me 0
- Triggers 0

Personal data

Name <small>i</small>	h.potter		
Full name <small>i</small>	Harry Potter		
Given name <small>i</small>	Harry		
Family name <small>i</small>	Potter		

Show empty fields

[Contact](#) [Student information](#)

- Add new menu item (Faculty) for Assignments for Students
- Add new menu items (Organizational Unit, Classes) for Teachers to navigation menu
 - Customize Organizational Unit table view
- Hide whole Assignments menu for End user
- **Add new menu item (Owned classes) and hide menu item (Classes) for role Approver**
 - Customize table view for Owned classes

Owned Classes Visible, Classes Hidden

Cornelius Fudge (c.fudge)
Minister of magic

Enabled
End user
Member
Teacher

Operations
[Back](#) [Save](#)

[Personal data](#) [Contact](#) [Basic](#) [Organization tree](#) [Owning classes](#) [Projections](#) 1 [Activation](#) [Password](#) [History](#) [Cases](#) 0 [Personas](#) 0 [Delegations](#) 0 [Delegated to me](#) 0 [Triggers](#) 0

Personal data

Name i	c.fudge
Full name i	Cornelius Fudge
Given name i	Cornelius
Family name i	Fudge
Show empty fields	

- Add new menu item (Faculty) for Assignments for Students
- Add new menu items (Organizational Unit, Classes) for Teachers to navigation menu
 - Customize Organizational Unit table view
- Hide whole Assignments menu for End user
- Add new menu item (Owned classes) and hide menu item (Classes) for role Approver
 - **Customize table view for Owned classes**

Customized Table View – Owned Classes

Cornelius Fudge (c.fudge)
Minister of magic

 Enabled
 End user
 Member
 Teacher

Operations More... ▾  Basic ▾

[Back](#) [Save](#)

 Personal data  Contact  Basic  Organization tree  Owning classes  Projections 1  Activation  Password  History  Cases 0  Personas 0  Delegations 0  Delegated to me 0  Triggers 0

	Class name	Requestable	
<input type="checkbox"/>	Defence Against the Dark Arts Teacher	true	 
<input type="checkbox"/>	Duelling classroom access	true	 
<input type="checkbox"/>	Herbology Teacher	true	 
<input type="checkbox"/>	Potions Teacher	true	 
<input type="checkbox"/>	Transfiguration Teacher	true	 

1 to 5 of 5 [<<](#) [<](#) [1](#) [>](#) [>>](#) 

- Shadow related customizations
 - **Customize shadow attributes view (add virtual sections)**
 - Hide default „Attributes“ section
- Details menu related customizations
 - Change Cases to Pending requests for Teachers
 - Adapt details menu for end users (hide unuseful menu items)

Virtual Sections For Projections

Albus Dumbledore (a.dumbledore)
Auxiliary

Operations: Back, Save, Preview changes, Change archetype, Delete object, Edit raw, Options & Tracing, Options, Tracing.

Resource: Localhost OpenLDAP
ObjectClass: inetOrgPerson, Kind: ACCOUNT, Intent: default

Personal data, Contact, Basic, Organization tree, Classes, Projections (2), Assignments (5), Activation, Password, History, Cases (0), Personas (0), Delegations (0), Delegated to me (0), Triggers (0).

Attributes

Entry UUID	2698debc-cbeb-1039-92cb-210775cac50f
createTimestamp	Wednesday, January 15, 2020, 3:00:37 PM
Show empty fields	
Personal Data	
Distinguished Name *	uid=a.dumbledore,ou=people,dc=example,dc=com
Login Name	a.dumbledore
jpegPhoto	Choose File no file selected
Surname *	Dumbledore
Given Name	Albus
Common Name *	Albus Dumbledore
Show empty fields	
Contact	
Show empty fields	

- Shadow related customizations
 - Customize shadow attributes view (add virtual sections)
 - **Hide default „Attributes“ section**
- Details menu related customizations
 - Change Cases to Pending requests for Teachers
 - Adapt details menu for end users (hide unuseful menu items)

„Attributes“ Hidden

Albus Dumbledore (a.dumbledore)
Auxiliary

Enabled
End user
Manager
Teacher

Operations
Back Save Preview changes Change archetype Delete object Edit raw Options & Tracing

Personal data Contact Basic Organization tree Classes Projections 2 Assignments 5 Activation Password History Cases 0 Personas 0 Delegations 0 Delegated to me Triggers 0

uid=a.dumbledore,ou=people,dc=example,dc=com
Resource: Localhost OpenLDAP
ObjectClass: inetOrgPerson, Kind: ACCOUNT, Intent: default

Basic

Personal Data

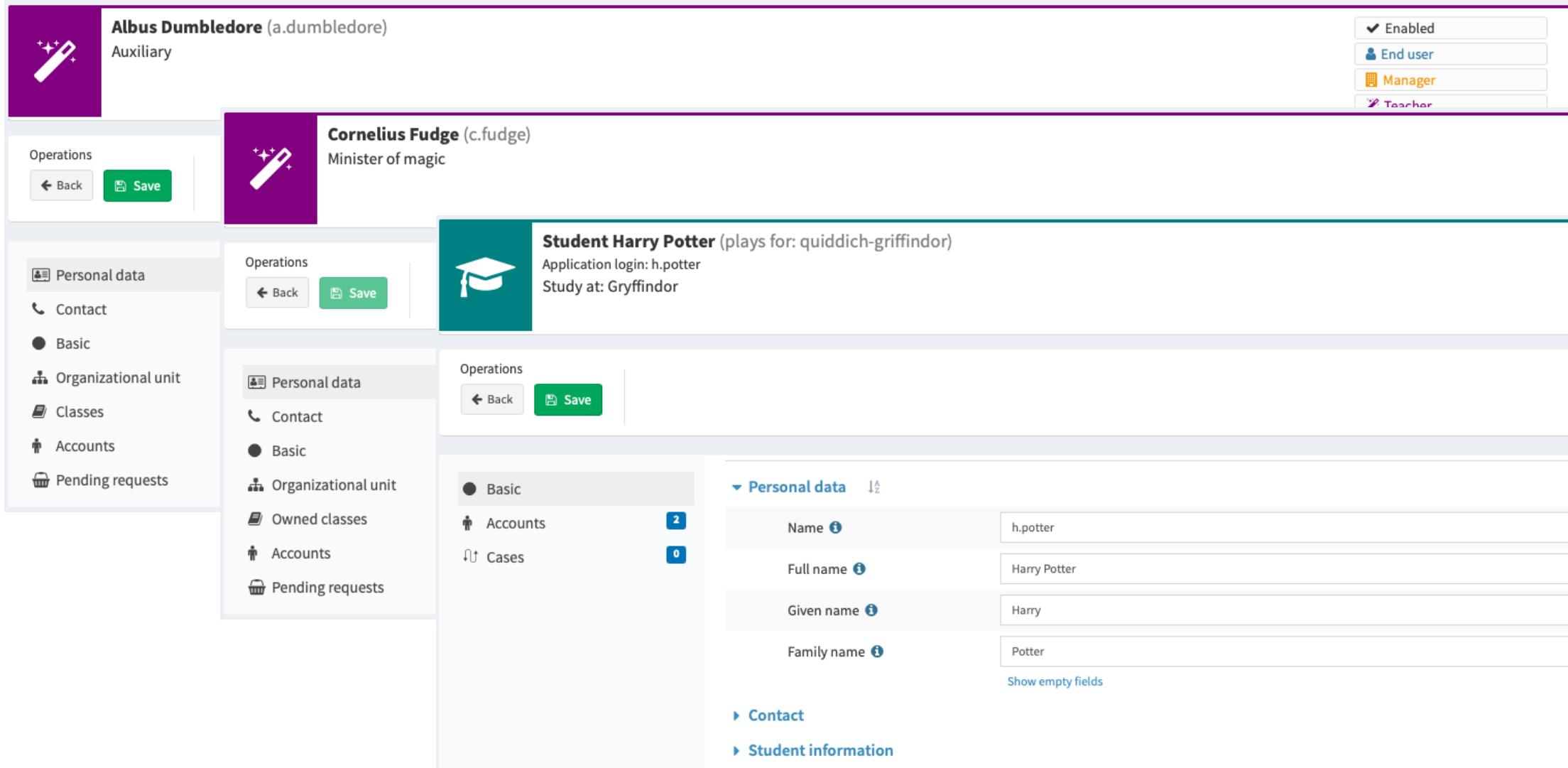
Distinguished Name * uid=a.dumbledore,ou=people,dc=example,dc=com
Login Name a.dumbledore
jpegPhoto Choose File no file selected
Surname * Dumbledore
Given Name Albus
Common Name * Albus Dumbledore

Contact

Show empty fields

- Shadow related customizations
 - Customize shadow attributes view (add virtual sections)
 - Hide default „Attributes“ section
- **Details menu related customizations**
 - Change Cases to Pending requests for Teachers
 - Adapt details menu for end users (hide unuseful menu items)

Hidden Default Panels For End Users



The screenshot illustrates a user management interface where users can edit profiles. The profiles are styled to look like characters from the Harry Potter series:

- Albus Dumbledore (a.dumbledore)**: Auxiliary user.
- Cornelius Fudge (c.fudge)**: Minister of magic.
- Student Harry Potter (plays for: quiddich-griffindor)**: Application login: h.potter, Study at: Gryffindor.

The interface includes a sidebar with navigation links:

- Operations
- Personal data
- Contact
- Basic
- Organizational unit
- Classes
- Accounts
- Pending requests

Each profile page has an "Operations" section with "Back" and "Save" buttons. The "Basic" panel is currently selected for Harry Potter. The "Personal data" panel is expanded, showing the following fields:

Name	h.potter
Full name	Harry Potter
Given name	Harry
Family name	Potter

Below the "Personal data" panel, there are links to "Contact" and "Student information".

- Changed design - From tabs to menu
- Possibility to switch back to old GUI
(adminGuiConfiguration/useNewDesign = false)
- Identifier attribute mandatory - used by the merging mechanism
- Custom configuration extend the default one (change in the behavior)
- MidScale project
- Documentation
 - <https://docs.evolveum.com/midpoint/reference/admin-gui/admin-gui-config/>



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- Upcomming webinar
 - Native Reports, February 16, 2022 by Lukáš Škublík
- Previous webinars for 4.4
 - Native Repository, January 20, 2022 by Richard Richter
 - Upgrade Guide, January 27, 2022 by Anton Tkáčik
 - Tasks, February 3, 2022 by Pavol Mederly
 - Customizing GUI, February 10, 2022 by Katarína Bolemant

Thank you for your time!

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