



MidPoint Community Meetup 2025

Configurable Paging for Collection Views

Agenda

- Introduction
- Configurable paging feature overview
- Object list collection views paging configuration
- Details page's collection views paging configuration
- Demo
- Questions and discussion



Configurable paging feature overview

- Customizable page size options
- Default configuration support
- Custom per-table configuration
- Configuration merging
- Potential improvements

The screenshot displays a web application interface for managing users. The header bar is blue and contains a menu icon, the text 'All users', a status indicator 'Users > All users', a flag icon, and a power icon. The main content area is a table listing 15 users, each with a checkbox, a colored profile icon, the user's name, and a small icon with a dropdown arrow. The users listed are: Kathie Balsellie, Kayley Biss, Kesslie Visco, Kittie Bilovsky, Krissy Sille, Laurie McNeil, Lefty Agar, Lind Yelden, Lynde Linnell, Marketa Gynne, Marquita Jurs, Mask (10): Contractor, Mask (10): Regular User, Mask (10): Security Officer, and Mask (10): Semi Regular User. At the bottom of the table, there is a pagination control bar. It includes a '+', a download icon, a refresh icon, and a play icon. To the right of these icons, it shows 'Rows per page' with a dropdown menu set to '75', followed by '1 to 75 of 117'. On the far right of the pagination bar are navigation buttons: '<<', '<', '1', '2', '>', and '>>'. The '1' button is highlighted with a blue background.

All users			
<input type="checkbox"/>		Kathie Balsellie	
<input type="checkbox"/>		Kayley Biss	
<input type="checkbox"/>		Kesslie Visco	
<input type="checkbox"/>		Kittie Bilovsky	
<input type="checkbox"/>		Krissy Sille	
<input type="checkbox"/>		Laurie McNeil	
<input type="checkbox"/>		Lefty Agar	
<input type="checkbox"/>		Lind Yelden	
<input type="checkbox"/>		Lynde Linnell	
<input type="checkbox"/>		Marketa Gynne	
<input type="checkbox"/>		Marquita Jurs	
<input type="checkbox"/>		Mask (10): Contractor	
<input type="checkbox"/>		Mask (10): Regular User	
<input type="checkbox"/>		Mask (10): Security Officer	
<input type="checkbox"/>		Mask (10): Semi Regular User	

Rows per page 75 1 to 75 of 117 << < 1 2 > >>

Object list collection views paging configuration

- Covers object list collection views which can be reached from the left side menu (e.g. All users list, All roles list, etc.)
- Default configuration is applied to all available object list collection views
- Each object list collection view can have its custom paging configuration

```
<objectCollectionViews>
  <defaultSettings>
    <paging>
      <maxSize>20</maxSize>
    </paging>
    <pagingOptions>
      <availablePageSize>10</availablePageSize>
      <availablePageSize>20</availablePageSize>
      <availablePageSize>50</availablePageSize>
      <availablePageSize>100</availablePageSize>
    </pagingOptions>
  </defaultSettings>
  .....
</objectCollectionViews>
```

```
<objectCollectionView id="80">
  <description>Persons</description>
  <documentation>This view displays all users with archetype "Person"</documentation>
  <identifier>person-view</identifier>
  <paging>
    <maxSize>50</maxSize>
  </paging>
  <pagingOptions>
    <availablePageSize>25</availablePageSize>
    <availablePageSize>50</availablePageSize>
    <availablePageSize>75</availablePageSize>
    <availablePageSize>100</availablePageSize>
    <availablePageSize>125</availablePageSize>
  </pagingOptions>
  .....
</objectCollectionView>
```

Details page's collection views paging configuration

- Covers collection views which are a part of the object details page (e.g. Applications panel table paging on the user details page)
- Default configuration is applied to all configurable collection views on the object details pages
- Each collection view can have its custom paging configuration

```
<objectDetails>
  <defaultSettings>
    <paging>
      <maxSize>20</maxSize>
    </paging>
    <pagingOptions>
      <availablePageSize>10</availablePageSize>
      <availablePageSize>20</availablePageSize>
      <availablePageSize>50</availablePageSize>
      <availablePageSize>100</availablePageSize>
    </pagingOptions>
  </defaultSettings>
  ....
</objectDetails>
```

```
<objectDetailsPage id="84">
  <type>c:UserType</type>
  <panel id="118">
    <identifier>applications</identifier>
    ....
    <listView>
      <identifier>applications</identifier>
      <type>c:ServiceType</type>
      <paging>
        <maxSize>25</maxSize>
      </paging>
      <pagingOptions>
        <availablePageSize>15</availablePageSize>
        <availablePageSize>25</availablePageSize>
        <availablePageSize>35</availablePageSize>
        <availablePageSize>45</availablePageSize>
      </pagingOptions>
      ....
    </listView>
  </panel>
</objectDetailsPage>
```

Demo

midPoint

Login to your account

Please enter account details to start the session

Username


administrator

Password

Sign in

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Limitations

- Paging configuration doesn't cover collection views situated in popups
- Paging configuration isn't implemented for Self Profile page collection views.
- Configuration merging mechanism responds to the common merging rules in midPoint

Questions and discussion

- What other settings would you like to see within collection views configuration?
- Which of the settings could be defined within default settings so that they are applied for all collection view?
- Which initial paging options would you prefer? For object list collection views? For details page's collection views?
- In your opinion, does the name “defaultSettings” suit? Would it be more clear/suitable to name the configuration “globalSettings”?



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Thank you for your attention



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