

MidPoint Community Meetup 2025

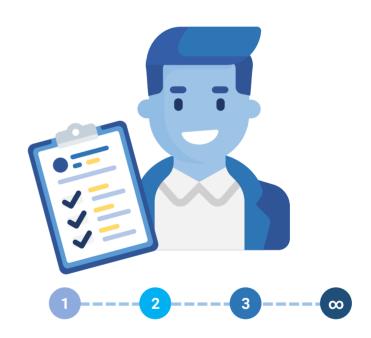
Configurable Paging for Collection Views



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Agenda

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

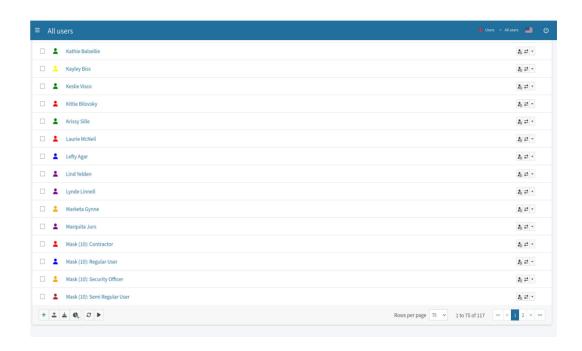






Configurable paging feature overview

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







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>
                                <paqing>
                                    <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

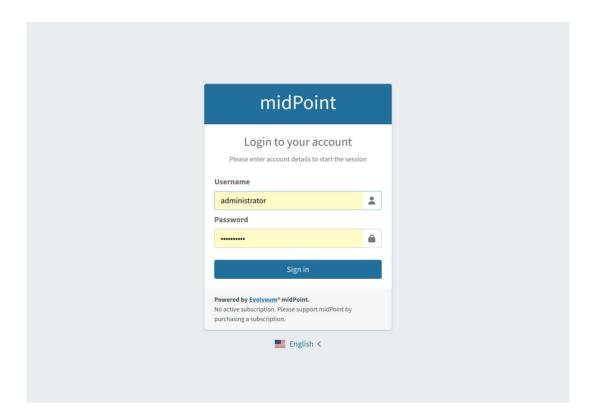
- Covers collection views which are a part of the object details page (e.g. Applications panel table paging on the user details page)
- Default configuration is applied to all configurable collection views on the object details pages
- Each collection view can have its custom paging configuration

```
<objectDetails>
    <defaultSettings>
        <paqing>
            <maxSize>20</maxSize>
        </paging>
        <pagingOptions>
            <availablePageSize>10</availablePageSize>
            <availablePageSize>20</availablePageSize>
            <availablePageSize>50</availablePageSize>
            <availablePageSize>100</availablePageSize>
        </paqingOptions>
    </defaultSettings>
</objectDetails>
<objectDetailsPage id="84">
   <type>c:UserType</type>
   <panel id="118">
       <identifier>applications</identifier>
       <identifier>applications</identifier>
           <type>c:ServiceType</type>
           <paqing>
               <maxSize>25</maxSize>
           </paging>
           <pagingOptions>
               <availablePageSize>15</availablePageSize>
               <availablePageSize>25</availablePageSize>
               <availablePageSize>35</availablePageSize>
               <availablePageSize>45</availablePageSize>
           </pagingOptions>
```





Demo







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"?





EvolveumThank you for your attention

