

Navigation portlet pleine page (navigation "canadienne")

Objectifs

La mise en page par défaut d'esup-portal v4 est un affichage de type dashboard. Ceci peut poser problème :

- lorsqu'un onglet comporte beaucoup de portlets
- lorsque certaines portlets nécessitent un affichage pleine page, une seule colonne est alors créée avec le risque de faire perdre énormément en visibilité aux portlets en bas de page

Pour y remédier, l'idée est d'utiliser une navigation n'affichant, pour un onglet donné, qu'un service à la fois. Lorsqu'une portlet de l'onglet est visualisée, un sous-menu apparaît permettant d'accéder aux autres portlets de l'onglet.

Olivier Franco (INSA Lyon) a développé un package de modifications permettant de rendre paramétrable ce comportement au niveau des onglets. Le nom de code utilisé par la suite est "navigation canadienne".
[canadian.mp4](#)

Your browser does not support the HTML5 video element

Implémentation

1. Télécharger les fichiers nécessaires : [canadian.zip](#)
2. copier uportal-war/src/main/java/org/jasig/portal/url/processing/TargetChannelIDParameterProcessor.java
3. Modifier uportal-war/src/main/resources/properties/contexts/requestParameterProcessingContext.xml
référencer le bean "targetChannelIDRequestParameterProcessor" dans le "requestParameterProcessorInterceptor"

uportal-war/src/main/resources/properties/contexts/requestParameterProcessingContext.xml

```
<bean id="requestParameterProcessorInterceptor" ...>
  <property name="dynamicRequestParameterProcessors">
    <list value-type="org.jasig.portal.url.processing.IRequestParameterProcessor">
      <ref bean="..." />
      <ref bean="..." />
      <ref bean="..." />
      <!-- targetChannelID -->
      <ref bean="targetChannelIDRequestParameterProcessor" />
    </list>
  </property>
</bean>
```

Ce processeur permet l'injection de l'identifiant du canal courant (celui dans lequel on agit) dans les feuilles de transformation :

- de structure
- de theme

4. Modifier les feuilles xsl suivantes

portal-war/src/main/resources/layout/structure/columns/columns.xsl

```
@@ -29,4 +29,6 @@
<xsl:param name="defaultTab">1</xsl:param>
<xsl:param name="detached">false</xsl:param>
```

```

<xsl:param name="userImpersonating">false</xsl:param>
+<!-- ofranco -->
+<xsl:param name="targetChannelID">none</xsl:param>
@@ -74,5 +74,6 @@
    <activeTabGroup><xsl:value-of select="$activeTabGroup"></xsl:value-of></activeTabGroup>
    <tabsInTabGroup><xsl:value-of
    select="count(/layout/folder/folder[@tabGroup=$activeTabGroup and
    @type='regular' and @hidden='false'])" /></tabsInTabGroup>
    <userImpersonation><xsl:value-of select="$userImpersonating" /></userImpersonation>
+    <targetChannelID><xsl:value-of select="$targetChannelID" /></targetChannelID>
    </debug>
  </xsl:template>
@@ -199,6 +192,18 @@
    <xsl:attribute name="activeTab">false</xsl:attribute>
    </xsl:otherwise>
  </xsl:choose>
+  <xsl:if test="@canadianModeEmulation='true'">
+    <xsl:choose>
+      <!-- more than one column; disable canadianModeEmulation -->
+      <xsl:when test="count(child::folder) > 1">
+        <xsl:attribute name="canadianModeEmulation"><xsl:value-of select="'false'"
+></xsl:attribute>
+      </xsl:when>
+      <!-- no targetChannelID the take first channel -->
+      <xsl:when test="count(child::folder/channel[@ID=$targetChannelID]) < 1">
+        <xsl:attribute name="targetChannelID"><xsl:value-of select="child::folder
+>channel[position()=1]/@ID" /></xsl:attribute>
+      </xsl:when>
+    </xsl:choose>
+  </xsl:if>
+  <xsl:for-each select="./descendant::channel">
+    <tabChannel name="{@name}" title="{@title}" ID="{@ID}" fname="{@fname}" description="
+>{@description}">
+    <xsl:choose>
@@ -249,9 +254,18 @@
  </navigation>
</xsl:template>

<xsl:template match="folder[@hidden='false']">
+  <!-- on ne prend que le tab courant -->
  <xsl:if test="$activeTabID = @ID">
    <xsl:if test="child::folder">
+    <xsl:variable name="columnCount" select="count(child::folder)" />
+    <!-- si mode canadien et plus de une colonne; on annule le mode canadien -->
+    <xsl:variable name="doCanadianModeEmulation">
+      <xsl:choose>
+        <xsl:when test="@canadianModeEmulation='true' and $columnCount < 2"><xsl:value-of
+select="@canadianModeEmulation" /></xsl:when>
+        <xsl:otherwise><xsl:value-of select="'false'" /></xsl:otherwise>
+      </xsl:choose>
+    </xsl:variable>
+    <xsl:for-each select="folder">
+      <column>
+        <xsl:attribute name="ID">
@@ -298,7 +294,23 @@
        <xsl:value-of select="@dlm:precedence" />
        </xsl:attribute>
      </xsl:if>
+      <xsl:choose>
+        <xsl:when test="$doCanadianModeEmulation='true'">
+          <xsl:attribute name="canadianModeEmulation"><xsl:value-of
+select="$doCanadianModeEmulation" /></xsl:attribute>
+        <xsl:choose>
+          <xsl:when test="$targetChannelID != 'none' and child::channel
+>[@ID=$targetChannelID]">
+            <xsl:apply-templates select="child::channel[@ID=$targetChannelID]" />
+          </xsl:when>
+          <xsl:otherwise>
+            <!-- first one -->
+            <xsl:apply-templates select="child::channel[position()=1]" />
+          </xsl:otherwise>

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+             </xsl:choose>
+             </xsl:when>
+             <xsl:otherwise>
+             <xsl:apply-templates/>
+             </xsl:otherwise>
+             </xsl:choose>
+         </column>
+     </xsl:for-each>
</xsl:if>

```

uportal-war/src/main/resources/layout/theme/universality/navigation.xml

```

@@ -121,14 +121,28 @@
        </xsl:apply-templates>
    </ul>

-    <xsl:if test="$USE_SUBNAVIGATION_ROW='true'">
+    <xsl:choose>
+    <xsl:when test="$USE_SUBNAVIGATION_ROW='true'">
        <div id="portalNavigationSubrow">
            <xsl:call-template name="subnavigation">
                <xsl:with-param name="CONTEXT" select="'subnav'" />
                <xsl:with-param name="TAB_POSITION" select="count(tab[@activeTab='true']/preceding-
sibling::tab) + 1"/>
            </xsl:call-template>
        </div>
    </xsl:if>
+    </xsl:when>
+    <!-- if canadianModeEmulation for the activeTab and more than one channel -->
+    <xsl:when test="count(tab[@activeTab='true' and @canadianModeEmulation='true']
/tabChannel) > 1">
+        <!-- ensure tab element selected before call to subnavigation -->
+        <xsl:for-each select="tab[@activeTab='true' and @canadianModeEmulation='true']">
+            <div id="portalNavigationSubrow">
+                <xsl:call-template name="subnavigation">
+                    <xsl:with-param name="CONTEXT" select="'subnav'" />
+                    <xsl:with-param name="TAB_POSITION" select="count(tab
[@activeTab='true']/preceding-sibling::tab) + 1"/>
+                </xsl:call-template>
+            </div>
+        </xsl:for-each>
+    </xsl:when>
+    </xsl:choose>
+    </div>
+</div>

@@ -413,7 +419,8 @@
    <ul class="portal-subnav-list"> <!-- List of the subnavigation menu items. -->
        <xsl:choose>
            <xsl:when test="$CONTEXT='flyout'">
-
+            <xsl:variable name="TAB_ID" select="@ID"/>
+            <xsl:variable name="TAB_CANADIAN_MODE" select="@canadianModeEmulation"/>
            <xsl:for-each select="tabChannel">
                <xsl:if test="not(@hideFromDesktop='true')">
                    <xsl:variable
name="SUBNAV_POSITION"> <!-- Determine the position of the
navigation option within the whole navigation list and add css hooks for
the first and last positions. -->
@@ -426,6 +433,33 @@
                    </xsl:variable>

                    <li id="portalSubnavLink_{@ID}" class="portal-subnav {SUBNAV_POSITION} {@fname}"> <!-- Each
subnavigation menu item.
The unique ID can be used in the CSS to give each menu item a unique

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icon, color, or presentation. -->
        <xsl:variable name="portletSubNavLink">
            <xsl:choose>
                <!-- if canadian tab the render normal link -->
                <xsl:when test="$TAB_CANADIAN_MODE='true'">
                    <xsl:call-template name="portalUrl">
                        <xsl:with-param name="url">
                            <url:portal-url>
                                <url:layoutId><xsl:value-of select="@ID"/></url:layoutId>
                                <url:portlet-url state="NORMAL"
copyCurrentRenderParameters="true"/>
                            </url:portal-url>
                        </xsl:with-param>
                    </xsl:call-template>
                </xsl:when>
                <!-- if global parameter -->
                <xsl:when test="$subNavigationLinkAsAnchor='true'">
                    <xsl:variable name="subNavLinkTmp">
                        <xsl:call-template name="portalUrl">
                            <xsl:with-param name="url">
                                <url:portal-url>
                                    <url:layoutId><xsl:value-of select="$TAB_ID"/></url:
layoutId>
                                </url:portal-url>
                            </xsl:with-param>
                        </xsl:call-template>
                    </xsl:variable>
                    <xsl:value-of select="concat($subNavLinkTmp,'#portlet_',@ID)"/>
                </xsl:when>
                <!-- render normal -->
                <xsl:otherwise>
                    <xsl:call-template name="portalUrl">
                        <xsl:with-param name="url">
                            <url:portal-url>
@@ -434,12 +468,12 @@
                                </url:portal-url>
                                </xsl:with-param>
                            </xsl:call-template>
                        </xsl:otherwise>
                    </xsl:choose>
                </xsl:variable>
            </div class="up-portlet-fname-subnav-wrapper {@fname}">

        <a href="{ $portletSubNavLink}" title="{@description}"
class="portal-subnav-link"> <!-- Navigation item link. -->
            <span class="portal-subnav-label"><xsl:value-of select="@title"/></span>
        </a>
    </div>
</li>
</xsl:if>
</xsl:for-each>
@@ -449,6 +483,8 @@

        <xsl:for-each select="//navigation/tab[@activeTab='true']/tabChannel">
            <xsl:if test="not(@hideFromDesktop='true')">
                <xsl:variable name="TAB_ID" select="parent::tab/@ID"/>
                <xsl:variable name="TAB_CANADIAN_MODE" select="parent::tab
/@canadianModeEmulation"/>
                <xsl:variable
name="SUBNAV_POSITION"> <!-- Determine the position of the
navigation option within the whole navigation list and add css hooks for
the first and last positions. -->
                    <xsl:choose>
                        <xsl:when test="position()=1 and position()=last()">single</xsl:when>
@@ -457,8 +493,53 @@
                        <xsl:otherwise></xsl:otherwise>
                    </xsl:choose>
                </xsl:variable>

                <li id="uPfname_{@fname}" class="portal-subnav { $SUBNAV_POSITION}"> <!-- Each subnavigation menu item.
The

```

unique ID can be used in the CSS to give each menu item a unique icon, color, or presentation. -->

```
+       <xsl:variable name="SUBNAV_SELECTED">
+           <xsl:choose>
+               <xsl:when test="$TAB_CANADIAN_MODE='true' and (@ID=$targetChannelID or
+ @ID=parent::tab/@targetChannelID)">active</xsl:when>
+               <xsl:otherwise></xsl:otherwise>
+           </xsl:choose>
+       </xsl:variable>
+
+       <li id="uPfname_{@fname}" class="portal-subnav { $SUBNAV_POSITION } { $SUBNAV_SELECTED }"> <!-- Each
+ subnavigation menu item. The
+ unique ID can be used in the CSS to give each menu item a unique icon,
+ color, or presentation. -->
+           <xsl:variable name="portletSubNavLink">
+               <xsl:choose>
+                   <!-- if canadian tab the render normal link -->
+                   <xsl:when test="$TAB_CANADIAN_MODE='true'">
+                       <xsl:call-template name="portalUrl">
+                           <xsl:with-param name="url">
+                               <url:portal-url>
+                                   <url:layoutId><xsl:value-of select="@ID"/></url:layoutId>
+                                   <url:portlet-url state="NORMAL" copyCurrentRenderParameters="
+ true"/>
+                               </url:portal-url>
+                           </xsl:with-param>
+                       </xsl:call-template>
+                   </xsl:when>
+                   <!-- if global parameter -->
+                   <xsl:when test="$subNavigationLinkAsAnchor='true'">
+                       <xsl:variable name="subNavLinkTmp">
+                           <xsl:call-template name="portalUrl">
+                               <xsl:with-param name="url">
+                                   <url:portal-url>
+                                       <url:layoutId><xsl:value-of select="$TAB_ID" /></url:
+ layoutId>
+                                   </url:portal-url>
+                               </xsl:with-param>
+                           </xsl:call-template>
+                       </xsl:variable>
+                       <xsl:value-of select="concat($subNavLinkTmp,'#portlet_',@ID)" />
+                   </xsl:when>
+                   <!-- render normal -->
+                   <xsl:otherwise>
+                       <xsl:call-template name="portalUrl">
+                           <xsl:with-param name="url">
+                               <url:portal-url>
+                                   <url:layoutId><xsl:value-of select="@ID" /></url:layoutId>
+                                   <url:portlet-url state="MAXIMIZED"
+                                       copyCurrentRenderParameters="true" />
+                               </url:portal-url>
+                           </xsl:with-param>
+                       </xsl:call-template>
+                   </xsl:otherwise>
+               </xsl:choose>
+
+               <!--
+               <xsl:call-template name="portalUrl">
+                   <xsl:with-param name="url">
+                       <url:portal-url>
+
+@@ -467,6 +548,7 @@
+                   </url:portal-url>
+               </xsl:with-param>
+           </xsl:call-template>
+       <-->
+   </xsl:variable>
+
+   <a href="{ $portletSubNavLink }" title="{ @description }"
+ class="portal-subnav-link"> <!-- Navigation item link. -->
+       <span class="portal-subnav-label"><xsl:value-of select="@title" /></span>
```

uportal-war/src/main/resources/layout/theme/universality/universality.xsl

```

@@ -131,6 +131,10 @@
<xsl:param name="userImpersonating">false</xsl:param>
<xsl:param name="skin">uportal3</xsl:param>
<xsl:param name="CONTEXT_PATH">/NOT_SET</xsl:param>
+ <!-- ofranco -->
+ <xsl:param name="subNavigationLinkAsAnchor">false</xsl:param>
+ <!-- ofranco -->
+ <xsl:param name="targetChannelID">none</xsl:param>
<xsl:variable name="SKIN" select="$skin"/>
<xsl:variable name="MEDIA_PATH">media/skins/universality</xsl:variable>
<xsl:variable name="ABSOLUTE_MEDIA_PATH" select="concat($CONTEXT_PATH, '/', $MEDIA_PATH)"/>
@@ -922,6 +904,32 @@
<ul>
  <xsl:for-each select="tabChannel">
    <xsl:variable name="portletLinkUrl">
      <xsl:choose>
        <xsl:when test="parent::tab[@canadianModeEmulation='true']">
          <!-- on canadianModeEmulation show normal portlet -->
          <xsl:call-template name="portalUrl">
            <xsl:with-param name="url">
              <url:portal-url>
                <url:layoutId><xsl:value-of select="@ID"/></url:
layoutId>
                <url:portlet-url state="NORMAL"/>
              </url:portal-url>
            </xsl:with-param>
          </xsl:call-template>
        </xsl:when>
        <xsl:when test="$subNavigationLinkAsAnchor='true'">
          <!-- otherwise show full layout -->
          <xsl:variable name="tmpPortletLinkUrl">
            <xsl:call-template name="portalUrl">
              <xsl:with-param name="url">
                <url:portal-url>
                  <url:layoutId><xsl:value-of select="parent::
tab/@ID"/></url:layoutId>
                  <url:portlet-url>
                    <url:portal-url>
                  </xsl:with-param>
                </xsl:call-template>
              </xsl:variable>
              <xsl:value-of select="concat($tmpPortletLinkUrl, '#portlet_',
@ID)"/>
            </xsl:when>
            <xsl:otherwise> <!-- normal behavior -->
            <xsl:call-template name="portalUrl">
              <xsl:with-param name="url">
                <url:portal-url>
                  <url:portal-url>
                </xsl:with-param>
              </xsl:call-template>
            </xsl:otherwise>
          </xsl:choose>
        </xsl:variable>
        <li><a href="{ $portletLinkUrl }"><xsl:value-of select="@name" /></a></li>
      </xsl:for-each>

```

5. modifier les descripteurs de theme et de structure et les réimporter

```
ant data-import -Dfile=...
```

Descripteur de structure :

uportal-war/src/main/data/required_entities/stylesheet-descriptor/DLMTabsColumns.stylesheet-descriptor.xml

```
<!-- injection du targetChannelID -->
<stylesheet-parameter>
  <name>targetChannelID</name>
  <default-value>none</default-value>
  <scope>REQUEST</scope>
  <description>current target channel ID</description>
</stylesheet-parameter>
<!--
  canadianModeEmulation / persistant par fragment-layout;
  bien penser à la mettre à "false" dans le descripteur de structure
  car systématiquement injecté dans les attributs.
  On surchargera l'activation du mode canadian dans les fragment-layouts
-->
<layout-attribute>
  <name>canadianModeEmulation</name>
  <default-value>>false</default-value>
  <scope>PERSISTENT</scope>
  <description>enable/disable canadian mode per fragment layout</description>
  <targetElement>folder</targetElement>
</layout-attribute>
```

Descripteur de thèmes :

uportal-war/src/main/data/required_entities/stylesheet-descriptor/DLMXHTML.stylesheet-descriptor.xml

```
<stylesheet-parameter>
  <name>subNavigationLinkAsAnchor</name>
  <default-value>>false</default-value>
  <scope>PERSISTENT</scope>
  <description>render subnavigation link as Anchor</description>
</stylesheet-parameter>

<!-- injection du targetChannelID -->
<stylesheet-parameter>
  <name>targetChannelID</name>
  <default-value>none</default-value>
  <scope>REQUEST</scope>
  <description>inform theme of the current targeted channel</description>
</stylesheet-parameter>
```

6. Ajout de style pour prise en compte de la navigation

```
/* canadian mode subnavigation */
.up #portalNavigation #portalNavigationSubrow {
  .portal-subnav-list {
    margin: 0 2em;
    .active {
      background: none !important;
    }
  }
  a.portal-subnav-link {
    text-decoration: none;
    .portal-subnav-label {
      color: white;
      font-weight: bold;
    }
    .portal-subnav-label:hover {
      border-bottom: 2px solid $navTabActiveHoverLink;
    }
  }
  .active .portal-subnav-link .portal-subnav-label {
    border-bottom: 2px solid $navTabActiveHoverLink;
  }
}
```

7. Appliquer le mode "canadien" sur un onglet en ajoutant l'attribut "canadianModeEmulation"

L'attribut s'applique sur le folder correspondant à l'onglet et non à celui de la colonne. De plus, l'onglet ne doit contenir qu'une seule colonne sinon l'attribut ne sera pas pris en compte.

Exemple d'ajout de l'attribut

```
<folder ID="s5" dlm:addChildAllowed="false" dlm:deleteAllowed="false" dlm:editAllowed="false"
dlm:moveAllowed="false" hidden="false"
  immutable="false" name="Test canadien" type="regular" unremovable="true">

  <!-- activation du mode canadien : au niveau du folder "onglet" -->
  <structure-attribute>
    <name>canadianModeEmulation</name>
    <value>true</value>
  </structure-attribute>

  <!-- la colonne : seulement une; si plusieurs; annule le mode canadien -->
  <folder ID="s6" dlm:addChildAllowed="false" dlm:deleteAllowed="false" dlm:editAllowed="
false" dlm:moveAllowed="false" hidden="false"
    immutable="false" name="Column" type="regular" unremovable="false">
    <structure-attribute>
      <name>width</name>
      <value>100%</value>
    </structure-attribute>
    <!-- canal 1 -->
    <channel fname="channel1-portlet" unremovable="false" hidden="false"
      immutable="false" ID="n13" dlm:moveAllowed="false"
dlm:deleteAllowed="false" />
    <!-- canal 2 -->
    <channel fname="channel2-portlet" unremovable="false" hidden="false"
      immutable="false" ID="n14" dlm:moveAllowed="false"
dlm:deleteAllowed="false" />
    <!-- canal 3 -->
    <channel fname="channel3-portlet" unremovable="false" hidden="false"
      immutable="false" ID="n15" dlm:moveAllowed="false"
dlm:deleteAllowed="false" />
    <!-- etc -->
  </folder>
</folder>
```