**Potential solutions**

1. In the same way, a DESCRIPTION attribute is present every time in the Mailing Address cluster of a modal (see screenshot below in the Mailing Address cluster),

A screenshot of a cell phone

Description automatically generated

adding this same attribute to the Private Address cluster populates the desired message on the .vim files as a <p> element.

<CLUSTER  
    **DESCRIPTION="Cluster.Description.PrimaryAddress"**  
    LABEL\_WIDTH="40"  
    NUM\_COLS="2"  
    TAB\_ORDER="ROW"  
    TITLE="Cluster.Title.PrimaryAddress"  
  >

The DESCRIPTION attribute value being defined in the corresponding .properties files.

Results (text for illustrative purposes only) for the Private Address cluster after adding the DESCRIPTION attribute below:

A screenshot of a cell phone

Description automatically generated

Results in a page **with nested clusters**:

A screenshot of a cell phone

Description automatically generated

Make sure that the text is backed-up with ARIA so that it can be read by screen-readers. Updating template in TI for Description atttribute (@DESCRIPTION) in gen-jsp.xsl:

<xsl:if test="@DESCRIPTION and not (@DESCRIPTION = '' )" >  
             <xsl:attribute name="title"><xsl:value-of select="@DESCRIPTION"/></xsl:attribute>  
**<xsl:attribute name="tabIndex">0</xsl:attribute>**  
</xsl:if>

**Problems with this solution is:**

* Not flexible (changes across many pages of the application)
* Forcing all the <p>s created from DESCRIPTION attribute in a .uim to have aria feature

**2.** Adding a STYLE attribute as a marker to the uim files along with a DESCRIPTION to figure out if the descriptive text should be displayed on the page it refers to.

**Problems with this solution is:**

* The STYLE tag should not be used for that purpose
* if this solution would address the situation where the descriptive text should be display or not on a page, the change in all uim pages would still be required.

**3.** Using any other available attributes for a uim page (SUMMARY, CAPTION, DETAILS)

The SUMMARY attribute **is deprecated in html5**. It used to be used for accessibility purposes. The current behaviour is the following when used in table container: it wraps up the n-number of fields defined in a table as one block together. The summary text is defined in the .properties it relates to. The summary text is not being read by a screen-reader even if a tabIndex attribute is present within the html container but the full content of the block is being read in one go (focus is on the the block of fields).

With no tabIndex defined - the focus goes on each individual fields - the summary title is not read:

A screenshot of a computer

Description automatically generated

With a tabIndex defined (focus is on all the address fields and screen-reader reads it as a block) - the summary title is not read:

A screenshot of a computer

Description automatically generated

The CAPTION tag is visible on the page and being read ONLY while using the down-arrow key. The DETAILS tag when it encapsulates a SUMMARY tag creates an interactive widget which displays a toggle-down button which takes as a title the content of the SUMMARY tag. The SUMMARY tag used by itself (not encapsulated) displays a text. In both scenarios this piece of text is being read out **while using the down-arrow key** **only**.

Francesco Marianni reports that using the down arrow key to navigate within the table instead of the tab key should result of the summary attribute content to be read out. **Note:** According to Francesco Marianni, the down arrow key should only be used to navigate on pages whereas the tab key should be used for navigating in modals. **Using down arrow key to navigate through the table**, the result is that the summary content is read out **ONLY when the presentation role** is removed from the table. **Further issue here it that when the presentation role** is removed, the table structure is read-out.

Using the tab key to navigate through the table does not make the summary being read-out even if the presentation role is removed.

**These attributes/elements are not potential solutions.**