Introduction

Web add-ons are standard war files. The files included in the war file will be copied onto Soffid console war file.

In order to keep compatibility between add-ons, it's forbidden to overwrite existing file. Instead, the war file can contain xslt files to modify existing xml ones.

As an example, the following menu.zul.xsl allows the identity federation add-on to create a menu entry on menu.zul file:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="1.0"
   xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
   xmlns:zul="http://www.zkoss.org/2005/zul">
   <xsl:template match="zul:tree/zul:treechildren/zul:treeitem[3]" priority="3">
      <xsl:copy>
         <xsl:apply-templates select="node()|@*" />
      </xsl:copy>

         <zul:treeitem open="false" >
            <zul:treerow >
               <zul:treecell label="Federation menu"
onClick="self.parent.parent.open=!self.parent.parent.open"/>
            </zul:treerow>
            <zul:treechildren>
               <zul:treeitem>
                  <zul:treerow>
                     <zul:apptreecell label="Federation management"
                        pagina="addon/federation/federacio.zul" />
                  </zul:treerow>
               </zul:treeitem>
            </zul:treechildren>
         </zul:treeitem>
   </xsl:template>

   <xsl:template match="node()|@*" priority="2">
      <xsl:copy>
```

```
            <xsl:apply-templates select="node()|@*" />
        </xsl:copy>
    </xsl:template>
</xsl:stylesheet>
```

There is an special file named iam-label.properties. It contains the console localized labels, accessible via ${c:l EL expression or Labels class. This file, and all its localized versions will be merged automatically with existing iam-label.properties to create a new one.

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