Using Smart Tables in the Rich Text Editor

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What is a Smart Table?

A Smart Table is a table that holds its formatting as the user adds rows and columns.

Configuration

In the repository edit the following file /cstudio/config/sites/SITE/form-controls/rte-setup.xml

Turn on table controls

in tag toolbarItems1 add

,predefinedTable,tablecontrols,

add the following to rteModules

<module>insert-predefined-table</module>

and inside the tag rteTables the following if the tag doesn't exist, create it

```
<table>
   <name>Table Name</name>
   <description>Table Description</description>
   <thumbnail>Thumbnail path</thumbnail>
   <stylesheet>Stylesheet</stylesheet>
   <prototype>
       <![CDATA[
       <table class="cstudioTableLayout" data-smart-table="true" data-smart-table-style="altrowstable">
         <tr bgcolor="#d7deee">
            <th>Heading</th>
            <th>Heading</th>
            <th>Heading</th>
         </tr>
         <tr>
            <td >content</td>
            <td >content</td>
            <td >content</td>
         </tr>
         <tr>
            <td class="eddrowcolor">content</td>
            <td class="eddrowcolor">content</td>
            <td class="eddrowcolor">content</td>
```

```
          </tr>

          <tr>

             <td >content</td>

             <td >content</td>

             <td >content</td>

          </tr>

       </table>

       ]]>

   </prototype>

</table>
```

data-smart-table: Define if the table need to be consider as smart table

data-smart-table-style: Define the style script associated to the table

go to /rte-setup.xml file and inside of the tag rteTablestyles add the following, if the tag doesn't exist, create it

```
<style-name>

        <![CDATA[

            /* some script */

        ]]>

</style-name>
```

The following objets are available:

currentTable: The working table

dom: Has some utility methods to manipulate dom elements

event: String to represent the action that was executed:

  `mceTableSplitCells`

  mceTableMergeCells

  mceTableInsertRowBefore

  mceTableInsertRowAfter

  mceTableInsertColBefore

  mceTableInsertColAfter

  mceTableDeleteCol

  mceTableDeleteRow

  mceTableCutRow

  mceTableCopyRow

  mceTablePasteRowBefore

  mceTablePasteRowAfter

  mceTableDelete

Example of config

```
<rteTables>

<table>

    <name>Sample Table</name>

    <description>Sample Table</description>

    <thumbnail>sample-table.jpg</thumbnail>

    <stylesheet>/sample-table.css</stylesheet>

    <prototype>

            <![CDATA[

            <table class="cstudioTableLayout" data-smart-table="true"
data-smart-table-style="altrowstable">

                <tr bgcolor="#d7deee">

                    <th>Heading</th>

                    <th>Heading</th>

                    <th>Heading</th>

                </tr>

                <tr class="odd">

                    <td >content</td>

                    <td >content</td>

                    <td >content</td>

                </tr>

                <tr class="even">

                    <td class="eddrowcolor">content</td>

                    <td class="eddrowcolor">content</td>

                    <td class="eddrowcolor">content</td>

                </tr>

                <tr class="odd">

                    <td >content</td>

                    <td >content</td>

                    <td >content</td>

                </tr>

            </table>

            ]]>

    </prototype>

</table>

</rteTables>
```

```
<rteTablestyles>

    <altrowstable><![CDATA[

        /* Simple script to set the corresponding class to each row */

         var rows = currentTable.rows;

         var row = null;

         for (i = 0; i < rows.length; i++) {

            row = rows[i];

            if(i % 2 != 0){

                dom.removeClass(row,"even");

                dom.addClass(row,"odd");

            }else{

                dom.removeClass(row,"odd");

                dom.addClass(row,"even");

            }

        }]]>

    </altrowstable>

</rteTablestyles>
```

Make sure your style sheet has the classes you are using in your script

```
        .odd{

            background-color:#d4e3e5;

        }

        .even{

            background-color:#c3dde0;

        }
```
```
Make sure you are calling the style sheet to your RTE

    <rteStylesheets>

        <link>

            <loadFromPreview>true</loadFromPreview>

            <url>/static-assets/css/main.css</url>

        </link>

....


    </rteStylesheets>
```

Or declaring the styles as override

```
<rteStyleOverride>

        .odd{

            background-color:#d4e3e5;

        }
        .even{

            background-color:#c3dde0;

        }
...

</rteStyleOverride>
```

NOTE: The script can't contain comment of one line(// some comment), need to be a valid script