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Report Scriptlet Example 2

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Report Scriptlet Example

The following example shows the code for a simple scriptlet that accumulates names encountered in the report and provides them in a single comma separated string. It also displays a static image. It is assumed that the report in which the scriptlet executes has the following elements:

1. Tag element with the name "FirstName"
2. Tag element with the name "Last Name"
3. Text element with the name "NamesList" (the scriptlet is attached to this element)
4. Image element with the name "Image" (the scriptlet is also attached to this element)

```
public class TestScriptlet implements IReportScriptlet
{
    private boolean m_firstTime= true ;
    public TestScriptlet()
    {

    }
    /*
    * @see
    com.bas.basserver.documents.IReportScriptlet#beforeReportInit(com.bas.basserver.documents.IReportEnvironment)
    */
    public void beforeReportInit(IReportEnvironmentenvironment)
    throws Exception
    {

    }
    /*
    * @see
    com.bas.basserver.documents.IReportScriptlet#afterReportInit(com.bas.basserver.documents.IReportEnvironment)
    */
    public void afterReportInit(IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /*
    * @see
    com.bas.basserver.documents.IReportScriptlet#beforePageInit(com.bas.basserver.documents.IReportEnvironment)
    */
    public void beforePageInit(IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /* (non-Javadoc)
    * @see
```

```
com.bas.basserver.documents.IReportScriptlet#afterPageInit(com.bas.basserver
.documents.IReportEnvironment)
    */
    public void afterPageInit(IReportEnvironmentenvironment)
    throws Exception
    {

    }
    /*
    * @see
com.bas.basserver.documents.IReportScriptlet#beforeColumnInit(com.bas.basser
ver.documents.IReportEnvironment)
    */
    public void beforeColumnInit(IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /*
    * @see
com.bas.basserver.documents.IReportScriptlet#afterColumnInit(com.bas.basserv
er.documents.IReportEnvironment)
    */
    public void afterColumnInit(IReportEnvironmentenvironment)
    throws Exception
    {

    }
    /*
    * @see
com.bas.basserver.documents.IReportScriptlet#beforeGroupInit(java.lang.Strin
g, com.bas.basserver.documents.IReportEnvironment)
    */
    public void beforeGroupInit(
        StringgroupName,
        IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /*
    * @see
com.bas.basserver.documents.IReportScriptlet#afterGroupInit(java.lang.String
, com.bas.basserver.documents.IReportEnvironment)
    */
    public void afterGroupInit(
        StringgroupName,
        IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /*
    * @see
```

```
com.bas.basserver.documents.IReportScriptlet#beforeDetailEval(com.bas.basserver.documents.IReportEnvironment)
    */
    public void beforeDetailEval(IReportEnvironmentenvironment)
    throws Exception
    {
    }
    /*
    * @see
    com.bas.basserver.documents.IReportScriptlet#afterDetailEval(com.bas.basserver.documents.IReportEnvironment)
    */
    public void afterDetailEval(IReportEnvironmentenvironment)
    throws Exception
    {
        // here all report elements have been calculated already
        StringfirstName=(String)environment.getElementValue ("FirstName");
        StringlastName =(String)environment.getElementValue ("LastName");
        StringcurList =(String)environment.getElementValue ("NamesList");
        if (curList== null )
            curList="";
            // create the string with names
        if (m_firstTime)
            m_firstTime= false ;
        else
            curList=curList+", ";
            // set the value for our element
        environment.setElementValue("NamesList",curList+firstName+"
"+lastName);
        // set the value for another element
        ImageIconimage= new
ImageIcon(getClass().getResource("/com/bas/uiconfiguration/images/arrowLeft.gif"));
        environment.setElementValue("Image",image.getImage());
    }
}
```

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