



openSAP *Developing JAVA Based Apps with SAP HANA Cloud Platform*

week4_unit4 - Exercice

Snippet 1

File – web.xml, Path- Deployed Resources>webapp>WEB-INF>web.xml, Project - espm-cloud-web

```
<resource-ref>
    <res-ref-name>EcmService</res-ref-name>
    <res-type>com.sap.ecm.api.EcmService</res-type>
</resource-ref>
```

Snippet 2

File - CmisRead.java, Path-Java Resources> src/main/java>com.sap.espm.model.pdf.generator>

CmisRead.java, Project - espm-cloud-web

```
try {
    ctx = new InitialContext();
    String lookupName = "java:comp/env/" + "EcmService";
    ecmSvc = (EcmService) ctx.lookup(lookupName);
    repositoryUniqueName =
ReadProperties.getInstance().getValue("uniqueName");

    repositorySecretKey=ReadProperties.getInstance().getValue("secretKey");
    openCmisSession= ecmSvc.connect(repositoryUniqueName,
repositorySecretKey);

} catch (NamingException e1) {
    e1.printStackTrace();
}
```

Snippet 3

File - CmisRead.java, Path-Java Resources> src/main/java>com.sap.espm.model.pdf.generator>

CmisRead.java, Project - espm-cloud-web

```
try {
    Document doc = (Document) openCmisSession.getObject(objectId);
    ContentStream content = doc.getContentStream();
    String type = content.getMimeType();
    String name = content.getFileName();
    int length = (int) content.getLength();
    InputStream stream = content.getInputStream();
    response.setContentType(type);
    response.setHeader("Content-Disposition", "attachment;
filename*=UTF-8'" + name);
    response.setContentLength(length);
    ioCopy(stream, response.getOutputStream());
} catch (Exception exception) {
    exception.printStackTrace();
}
catch (Throwable throwable) {
    throwable.printStackTrace();
}
```

Coding Samples

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