

Merchant API for Java

Implementation Guide to the JSP Examples for Apache Tomcat

Java, jsp
Version 1.1

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1 Introduction

This is a guideline how to install the paysafecard JSP samples. It might vary depending on your Apache Tomcat configuration.

2 Requirements for using the examples

- Apache Tomcat
- JAVA
- Internet Connection (the Merchant Api has to be able to communicate with the paysafecard server via HTTPS (port 443))

3 Manually installing the samples

Please copy the folder “examples” to any directory on your computer, e.g. into the protected directory “psc” outside of public access. Then copy the file paysafecard.xml to %TOMCAT_HOME%\webapps, where %TOMCAT_HOME% is the directory of your Tomcat installation.

Open the file %TOMCAT_HOME%\conf\server.xml and insert the line

```
<Context path="/paysafecard" reloadable="true" docBase="C:\psc\examples\jsp" />
```

from the paysafecard.xml file before the closing </Host>-tag in the file server.xml and (if necessary) adjust the value for docBase to fit your folder structure.

```
%TOMCAT_HOME%\conf\server.xml
```

```
<Context path="/paysafecard" reloadable="true" docBase="C:\psc\examples\jsp" />

    </Host>
  </Engine>
</Service>
</Server>
```

Restart Tomcat.

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4 Configuring the samples

4.1 File copying

The configuration file and your certificates have to be stored outside of public access! This is very important as the configuration file contains the keyring password for the private certificate.

Therefore please use a folder outside of public access (in our example this folder is called "c:/psc/") and copy the merchant_direct.properties and the paysafecard-CA.jks to this folder. You can find these files in your paysafecard Merchant API directory in the etc folder.

Next copy the key (it is named "CMS_<YOUR MID>_001_<name>.p12" for Testsystem or "CPS_<YOUR MID>_001_<name>.p12" for connections to the productive system, that you have received from paysafecard into the same folder.

4.2 Certificate settings

Next locate the following section in your merchant_direct.properties file, and change the settings for keyringfile and the cakeyringfile to their absolute path, for example if your folder outside of public access is c:/psc this path should look like: c:/psc/yourcertificatename.p12

The data for "keyringPW" can be found in the file "testdata.txt".

Your merchant_direct.properties stored in your path outside public access

```
keyringfile=c:/psc/XXX_<YOUR MERCHANT ID>_YYY_ZZZZZZZ.p12
keyringpw=<YOUR PASSWORD>
keyringtype=PKCS12

cakeyringfile=c:/psc/paysafecard-CA.jks
cakeyringpw=paysafecard-CA
cakeyringtype=JKS
```

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4.3 Merchant parameter settings

Go to your JSP examples directory and modify the Config.jsp file with a text editor (for example notepad).

Change the following settings to the one you got from paysafecard:

Your Config.jsp file stored in your JSP examples directory

```
String mid = "<YOUR MERCHANT ID>";  
String currency = "EUR";  
String businessType = "0";  
String reportingCriteria= "";
```

4.4 URL settings

As the next step you have to locate the following settings and change them so that they point to the public location of your examples.

For example if your website is www.example.com these URLs should look like:

```
okurl = http://www.example.com/paysafecard/OKUrl.jsp  
nokurl = http://www.example.com/paysafecard/NOKUrl.jsp
```

Your Config.jsp file stored in your JSP examples directory

```
String okurl = "http://www.example.com/paysafecard/OKUrl.jsp"  
String nokurl = "http://www.example.com/paysafecard/NOKUrl.jsp"
```

4.5 Changing the path to the merchant_direct.properties

Please verify the path to the merchant_direct.properties in your config.jsp:

Your Config.jsp file stored in your JSP examples directory

```
String configfile = "c:/psc/merchant_direct.properties"
```

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5 Using the samples

Each sample consists of 3 pages:

Start.jsp

Creates the disposition and forwards the customer to the payment panel on the paysafecard server upon click on the form button.

OKUrl.jsp

The customer will be forwarded to this page from the paysafecard server after correctly having entered the pin. This page will check the current state of the disposition and execute the debit.

NOKUrl.jsp

The customer will be forwarded to this page from the paysafecard server if anything has gone wrong, or if the customer cancelled.

6 Executing the samples

To execute the samples you have to open a browser and enter the URL of the samples.

For example if your website is www.example.com these URLs should look like:

`http://www.example.com/paysafecard/Start.jsp`

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