



Documentation for Remote signature

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Remote signature

The Remote Signature is a web application that allows sending via mail, sign, and storing in OpenKM PDF documents to users. It's compliant with desktop devices as mobile ones.

Invoice Capture is a web application to manage invoices (PDF documents) in OpenKM. It helps to sent and received invoices related to a company and, eventually, catalog automatically.

License



Invoice capture is licensed under the terms of the [EULA - OpenKM End User License Agreement](#) as published by OpenKM Knowledge Management System S.L.

This program is distributed WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the [EULA - OpenKM End User License Agreement](#) for more details.

Invoice Capture compatibility

Application version	OpenKM Compatibility		Status
	Professional	Community	
Remote signature 2	Version 8.1.5 and upper	Not compatible	Active
Remote signature 1	Version 7.1.32 and upper	Not compatible	Deprecated

Remote signature 2

Compatibility table

Remote Signature	OpenKM	Status
v2.0	v8.1.5 and upper	Active.

Requirements 2.x



Invoice Capture is distributed as a war file.

- Java version 11
- Tomcat version 9.0.x
- Standalone Tomcat or standard OpenKM within Tomcat
- OpenKM administration access to:
 - Automation
 - Database query
 - Languages
 - Metadata
 - Be able to create folders (Import node)
- Configure the **remote-signature.properties** file to get working with your OpenKM.

Installation 2.x

Steps to install and configure the Remote Signature application in OpenKM v8.1:

- Stop Tomcat
- Download the application from the OpenKM download center
- This application needs to share the database with OpenKM, so you don't need to create a new one
- Copy the **remote-signature.properties** file in the tomcat and modify the configuration parameters



You must have a [mail account](#) configured

```
# Logging config
logging.file=${catalina.home}/logs/remote-signature.log
logging.level.org.springframework.security=INFO
logging.level.org.hibernate.sql = INFO
logging.level.com.openkm=INFO
#logging.level.web=DEBUG

# Enable to debug SpringBoot autoconfiguration
#debug=true

# OpenKM Hibernate configuration values
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
spring.datasource.url=jdbc:mariadb://localhost:3306/remote-signature?useUnicode=true&
spring.datasource.username=openkm
spring.datasource.password=openkm

# JPA
spring.jpa.show-sql=false
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MariaDB103Dialect
spring.jpa.hibernate.naming.physical-strategy=org.hibernate.boot.model.naming.PhysicalNamingStrategy
spring.jpa.properties.hibernate.jdbc.batch_size=50
spring.jpa.properties.hibernate.order_inserts=true
spring.jpa.properties.hibernate.order_updates=true
spring.jpa.properties.hibernate.batch_versioned_data=true

#Base URL
base.url=http://localhost:8080/remote-signature

# OpenKM
openkm.url.preview=http://localhost:8080/openkm
openkm.url=http://localhost:8080/openkm

# OpenKM anonymous user
openkm.anonymous.user=okmAdmin
openkm.anonymous.password=admin

# OpenKM admin user
openkm.admin.user=okmAdmin
openkm.admin.password=admin

# Language
languages=es-ES#Español, en-GB#English
default.language=en-GB

# Default cron trigger ( by default each 15 minutes )
```

```
cron.expression=0 0/15 * * * *
mail.from=
```



During the initial setup, it's important to set the parameter `spring.jpa.hibernate.ddl-auto` to 'create-only' the first time, and then switch it to 'update' for subsequent operations.

- Start Tomcat
- Log into OpenKM
- Go to **Administration > Utilities > Database query** and execute these SQL sentences to create some needed configuration properties:

```
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject.es-ES', 'st
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject.en-GB', 'st
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body.en-GB', 'html'
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body.es-ES', 'html'
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.es-E
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.en-G
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.en-GB',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.es-E
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.en-G
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.en-GB',
```

- Set the configuration properties according to its usage:
 - **rs.subject.es-ES**: The subject mail message.
 - **rs.subject.en-GB**: The subject mail message.
 - **rs.body.es-ES**: The body mail message.
 - **rs.body.es-ES**: The body mail message.
 - **rs.subject-signed.es-ES**: The subject mail message.
 - **rs.subject-signed.en-GB**: The subject mail message.
 - **rs.body-signed.es-ES**: The body mail message.
 - **rs.body-signed.en-GB**: The body mail message.
 - **rs.subject-verify.es-ES**: The subject mail message.
 - **rs.subject-verify.en-GB**: The subject mail message.
 - **rs.body-verify.es-ES**: The body mail message.
 - **rs.body-verify.en-GB**: The body mail message.
- Once the application is configured, you can log in to <http://server.ip:8080/remote-signature> with the default administrator or with a user with the role **ROLE_REMOTE_SIGNATURE**

Configuration parameters

Parameter	Description
rs.subject.es-ES	Mail Subject message sended to sign in Spanish
rs.subject.en-GB	Mail Subject message sended to sign in English
rs.body.es-ES	Mail Body message sended to sign in Spanish
rs.body.en-GB	Mail Body message sended to sign in English
rs.subject-signed.es-ES	Mail Subject message sent when a document has been signed in Spanish
rs.subject-signed.en-GB	Mail Subject message sent when a document has been signed in English
rs.body-signed.es-ES	Mail Body message sent when a document has been signed in Spanish
rs.body-signed.en-GB	Mail Body message sent when a document has been signed in English
rs.subject-verify.es-ES	Mail Subject message sent when pin verification is needed in Spanish
rs.body-verify.es-ES	Mail Body message sent when pin verification is needed in Spanish
rs.subject-verify.en-GB	Mail Subject message sent when pin verification is needed in English
rs.body-verify.en-GB	Mail Body message sent when pin verification is needed in English
rs.subject-error.es-ES	Mail Subject message sent when error is raised in Spanish
rs.subject-error.en-GB	Mail Subject message sent when error is raised in English
rs.body-error.es-ES	Mail Body message sent when error is raised in Spanish
rs.body-error.en-GB	Mail Body message sent when error is raised in English


```

INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-error.en-GB
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-error.en-GB',

```

```

DELETE FROM OKM_TRANSLATION WHERE TR_LANGUAGE='es-ES' and TR_MODULE='rs';
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', '
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-error.es-ES
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-error.es-ES',

```

Translations by tenant

If you have several remote signature modules configured to work with your OpenKM may be interested in having different translations by the tenant.

Set in the `openkm.properties` a new translations module name

```
translation.module=rs2
```

Register translations renaming the module is shown in the sample below:

```

-- Take the original translations and update the module from rs to rsX
DELETE FROM OKM_TRANSLATION WHERE TR_LANGUAGE='en-GB' and TR_MODULE='rs2';
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs2', '
...

```

From mail parameter by the tenant

If you want to set up the from parameter of the emails to be sent, in your `openkm.properties` modify the mail from configuration

parameters to an existing mail account.

```
mail.from=sample@example.com
```

Enable stamp extension

Ensure you have the extension of the stamp enabled; otherwise, enable it. To enable extensions, take a look at [Enable extensions](#)

- Create the image stamps, which will be used to stamp the signature in the document. The id of these stamps will be the value for the options in **okp:remotesignature.location** parameter. Use the [dummy.png](#) as an image:
- These are some examples to configure-stamp locations:
 - **NorthEast Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_WIDTH
 - **Expr. Y:** PAGE_HEIGHT
 - **North Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** PAGE_HEIGHT
 - **NorthWest Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** PAGE_HEIGHT
 - **East Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_WIDTH
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **Center Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **West Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **SouthEast Location**

- **Image:** dummy.png
- **Expr. X:** PAGE_WIDTH
- **Expr. Y:** 0
- **South Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** 0
- **SouthWest Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** 0

Add extra metadata fields

Input-type metadata fields can be added to collect data from the user when a document needs to be signed. Adding the input fields at the end of the metadata group is necessary, and this is an example of two text metadata fields.

```
<input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true">
</input>
<input label="Name" type="text" name="okp:remotesignature.name" readonly="true">
</input>
```

Also may have to add one option in the extra select for each input created, with the input name followed by the order desired to be displayed as value. Example:

```
<select label="Extra" name="okp:remotesignature.extra" type="multiple">
  <option label="DNI" value="okp:remotesignature.dni.1"/>
  <option label="Name" value="okp:remotesignature.name.2"/>
</select>
```

Configuration

Create this property group

Please create a new metadata group and assign it to the PDF documents that need to be signed.



After the property group has been created should enable in the profiles.



Before creating, you must change the option select values from okp:remotesignature.location to the stamp ids.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE property-groups PUBLIC "-//OpenKM//DTD Property Groups 3.10//EN"
"http://www.openkm.com/dtd/property-groups-3.10.dtd">
<property-groups>
  <property-group label="Remote Signature" name="okp:remotesignature">
    <select label="Status" name="okp:remotesignature.status" type="simple" readonly="true">
      <option label="Pending to send" value="pendingToSend" selected="true"/>
      <option label="Pending to sign" value="pendingToSign"/>
      <option label="Signed" value="signed" />
      <option label="Error" value="error" />
    </select>
    <input label="Mail to notify" type="text" name="okp:remotesignature.mail">
    <validator type="req"/>
    </input>
    <checkbox label="Request Pin" name="okp:remotesignature.pin" />
    <select label="Sign Location" name="okp:remotesignature.location" type="simple">
      <option label="NorthWest" value="1"/>
      <option label="North" value="2"/>
      <option label="NorthEast" value="3" />
      <option label="West" value="4"/>
      <option label="Center" value="5"/>
      <option label="East" value="6" />
      <option label="SouthWest" value="7"/>
      <option label="South" value="8"/>
      <option label="SouthEast" value="9" />
      <validator type="req"/>
    </select>
    <select label="Language" name="okp:remotesignature.lang" type="simple">
      <option label="English" value="en-GB"/>
      <option label="Español" value="es-ES"/>
      <validator type="req"/>
    </select>
    <select label="Extra" name="okp:remotesignature.extra" type="multiple">
      <option label="DNI" value="okp:remotesignature.dni.1"/>
      <option label="Name" value="okp:remotesignature.name.2"/>
      <option label="Checkbox" value="okp:remotesignature.checkbox.3"/>
      <option label="Select" value="okp:remotesignature.select.4"/>
      <option label="Select Multiple" value="okp:remotesignature.selectmultiple.2"/>
    </select>
    <input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true">
    </input>
    <input label="Name" type="text" name="okp:remotesignature.name" readonly="true">
    </input>
    <input label="Page" type="text" name="okp:remotesignature.page">
    </input>
    <input label="Send Date" type="date" name="okp:remotesignature.sendDate" timeFormat="
    <input label="Sign Date" type="date" name="okp:remotesignature.signDate" timeFormat="
    <input label="Signature Device IP" type="text" name="okp:remotesignature.ip" readonly="
    <textarea label="Error Message" name="okp:remotesignature.errorMessage" width="200px
    </property-group>
  </property-groups>
```

Dabatase 2.x

Configure Tomcat data sources

Edit the file `$TOMCAT_HOME/remote-signature.properties`:

MySQL:

```
spring.datasource.driver-class-name=com.mysql.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/remote-signature?useUnicode=true&ch
spring.datasource.username=openkm
spring.datasource.password=*secret*
```

MariaDB:

```
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
spring.datasource.url=jdbc:mariadb://localhost:3306/remote-signature?autoReconnect=tr
spring.datasource.username=openkm
spring.datasource.password=*secret*
```

PostgreSQL:

```
spring.datasource.driver-class-name=org.postgresql.Driver
spring.datasource.url=jdbc:postgresql://localhost:5432/remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
spring.datasource.validationQuery=SELECT 1
```

SQL Server:

```
spring.datasource.driver-class-name=com.microsoft.sqlserver.jdbc.SQLServerDriver
spring.datasource.url=jdbc:sqlserver://localhost:1433;databaseName=remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
spring.datasource.validationQuery=SELECT 1
```

H2:

```
spring.datasource.driver-class-name=org.h2.Driver
spring.datasource.url=jdbc:h2:./remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
```



With the MariaDB can use the following `driverClassName` values:

- `org.mariadb.JDBC.Driver` (suggested)
- `com.MySQL.jdbc.Driver`

In recent MySQL versions, you need to add **useSSL=false** to the connection URL.



Configures the values of the attributes named:

- Username.
- Password.
- URL (change to your hosts and port).

It can only use a resource called JDBC/OpenKMDS.

User guide 2.x

Remote Signature is an application to start a process to sign a PDF document. When the Remote Signature metadata described below is added to a pdf document, the Remote Signature application will allow, manually or periodically, you to send an email notification with an URL to sign a document.

During this process the data will be saved into the document notes.

Migration guide 2.x

- [Migration from 1.12 to 2.0](#)

Changelog 2.x

Remove signature v2

v2.0

- Release: 2023-10-04
 - Java 11 required
 - Tomcat 9.x required
-

Migration from 1.12 to 2.0

- Update **Java version 1.8 to version 11**
- Update **tomcat 8.x to tomcat 9.x** (keep the **remote-signature.properties** configuration file in the %TOMCAT_HOME)
- Stop Tomcat
- Replace the **remote-signature.war** archive.
- Start Tomcat

Remote signature 1

Compatibility table

Remote Signature	OpenKM	Status
v1.12	v7.1.40 and upper	Deprecated.
v1.11	v7.1.40	Deprecated.
v1.10	v7.1.38 to v7.1.39	Deprecated.
v1.9	v7.1.37	Deprecated.
v1.8	v7.1.37	Deprecated.
v1.7	v7.1.35	Deprecated.
v1.6	v7.1.35	Deprecated.
v1.5	v7.1.35	Deprecated.
v1.4	v7.1.34	Deprecated.
v1.3	v7.1.34	Deprecated.
v1.2	v7.1.33	Deprecated.
v1.1	v7.1.33	Deprecated.
v1.0	v7.1.32	Deprecated.

Requirements 1.x



Invoice Capture is distributed as a war file.

- Java version 1.8
- Standalone Tomcat or standard OpenKM within Tomcat
- OpenKM administration access to:
 - Automation
 - Database query
 - Languages
 - Metadata
 - Be able to create folders (Import node)
- Configure the **remote-signature.properties** file to get working with your OpenKM.

Installation 1.x

Steps to install and configure the Remote Signature application in OpenKM v7.1:

- Stop Tomcat
- Download the application from the OpenKM download center
- This application needs to share the database with OpenKM, so you don't need to create a new one
- Copy the **remote-signature.properties** file in the tomcat and modify the configuration parameters



You must have a [mail account](#) configured

```
# Logging config
logging.file=${catalina.home}/logs/remote-signature.log
logging.level.org.springframework.security=INFO
logging.level.org.hibernate.sql = INFO
logging.level.com.openkm=INFO
#logging.level.web=DEBUG

# Enable to debug SpringBoot autoconfiguration
#debug=true

# OpenKM Hibernate configuration values
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
spring.datasource.url=jdbc:mariadb://localhost:3306/remote-signature?useUnicode=true&
spring.datasource.username=openkm
spring.datasource.password=openkm

# JPA
spring.jpa.show-sql=false
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MariaDB103Dialect
spring.jpa.hibernate.naming.physical-strategy=org.hibernate.boot.model.naming.PhysicalNamingStrategy
spring.jpa.properties.hibernate.jdbc.batch_size=50
spring.jpa.properties.hibernate.order_inserts=true
spring.jpa.properties.hibernate.order_updates=true
spring.jpa.properties.hibernate.batch_versioned_data=true

#Base URL
base.url=http://localhost:8080/remote-signature

# OpenKM
openkm.url.preview=http://localhost:8080/openkm
openkm.url=http://localhost:8080/openkm

# OpenKM anonymous user
openkm.anonymous.user=okmAdmin
openkm.anonymous.password=admin

# OpenKM admin user
openkm.admin.user=okmAdmin
openkm.admin.password=admin

# Language
languages=es-ES#Español, en-GB#English
default.language=en-GB

# Default cron trigger ( by default each 15 minutes )
```

```
cron.expression=0 0/15 * * * *
mail.from=
```



During the initial setup, it's important to set the parameter `spring.jpa.hibernate.ddl-auto` to 'create-only' the first time, and then switch it to 'update' for subsequent operations.

- Start Tomcat
- Log into OpenKM
- Go to **Administration > Utilities > Database query** and execute these SQL sentences to create some needed configuration properties:

```
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject.es-ES', 'st
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject.en-GB', 'st
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body.en-GB', 'html'
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body.es-ES', 'html'
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.es-E
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.en-G
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.en-GB',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.es-E
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.en-G
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.en-GB',
```

- Set the configuration properties according to its usage:
 - **rs.subject.es-ES**: The subject mail message.
 - **rs.subject.en-GB**: The subject mail message.
 - **rs.body.es-ES**: The body mail message.
 - **rs.body.es-ES**: The body mail message.
 - **rs.subject-signed.es-ES**: The subject mail message.
 - **rs.subject-signed.en-GB**: The subject mail message.
 - **rs.body-signed.es-ES**: The body mail message.
 - **rs.body-signed.en-GB**: The body mail message.
 - **rs.subject-verify.es-ES**: The subject mail message.
 - **rs.subject-verify.en-GB**: The subject mail message.
 - **rs.body-verify.es-ES**: The body mail message.
 - **rs.body-verify.en-GB**: The body mail message.
- Once the application is configured, you can log in to <http://server.ip:8080/remote-signature> with the default administrator or with a user with the role **ROLE_REMOTE_SIGNATURE**

Configuration parameters

Parameter	Description
rs.subject.es-ES	Mail Subject message sended to sign in Spanish
rs.subject.en-GB	Mail Subject message sended to sign in English
rs.body.es-ES	Mail Body message sended to sign in Spanish
rs.body.en-GB	Mail Body message sended to sign in English
rs.subject-signed.es-ES	Mail Subject message sent when a document has been signed in Spanish
rs.subject-signed.en-GB	Mail Subject message sent when a document has been signed in English
rs.body-signed.es-ES	Mail Body message sent when a document has been signed in Spanish
rs.body-signed.en-GB	Mail Body message sent when a document has been signed in English
rs.subject-verify.es-ES	Mail Subject message sent when pin verification is needed in Spanish
rs.body-verify.es-ES	Mail Body message sent when pin verification is needed in Spanish
rs.subject-verify.en-GB	Mail Subject message sent when pin verification is needed in English
rs.body-verify.en-GB	Mail Body message sent when pin verification is needed in English
rs.subject-error.es-ES	Mail Subject message sent when error is raised in Spanish
rs.subject-error.en-GB	Mail Subject message sent when error is raised in English
rs.body-error.es-ES	Mail Body message sent when error is raised in Spanish
rs.body-error.en-GB	Mail Body message sent when error is raised in English

parameters to an existing mail account.

```
mail.from=sample@example.com
```

Enable stamp extension

Ensure you have the extension of the stamp enabled; otherwise, enable it. To enable extensions, take a look at [Enable extensions](#)

- Create the image stamps, which will be used to stamp the signature in the document. The id of these stamps will be the value for the options in **okp:remotesignature.location** parameter. Use the [dummy.png](#) as an image:
- These are some examples to configure-stamp locations:
 - **NorthEast Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_WIDTH
 - **Expr. Y:** PAGE_HEIGHT
 - **North Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** PAGE_HEIGHT
 - **NorthWest Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** PAGE_HEIGHT
 - **East Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_WIDTH
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **Center Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **West Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** PAGE_MIDDLE - IMAGE_HEIGHT / 2
 - **SouthEast Location**

- **Image:** dummy.png
- **Expr. X:** PAGE_WIDTH
- **Expr. Y:** 0
- **South Location**
 - **Image:** dummy.png
 - **Expr. X:** PAGE_CENTER - IMAGE_WIDTH / 2
 - **Expr. Y:** 0
- **SouthWest Location**
 - **Image:** dummy.png
 - **Expr. X:** 0
 - **Expr. Y:** 0

Add extra metadata fields

Input-type metadata fields can be added to collect data from the user when a document needs to be signed. Adding the input fields at the end of the metadata group is necessary, and this is an example of two text metadata fields.

```
<input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true">
</input>
<input label="Name" type="text" name="okp:remotesignature.name" readonly="true">
</input>
```

Also may have to add one option in the extra select for each input created, with the input name followed by the order desired to be displayed as value. Example:

```
<select label="Extra" name="okp:remotesignature.extra" type="multiple">
  <option label="DNI" value="okp:remotesignature.dni.1"/>
  <option label="Name" value="okp:remotesignature.name.2"/>
</select>
```

Configuration

Create this property group

Please create a new metadata group and assign it to the PDF documents that need to be signed.



After the property group has been created should enable in the profiles.



Before creating, you must change the option select values from okp:remotesignature.location to the stamp ids.



Fields of type checkbox and select are available from version 1.9

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE property-groups PUBLIC "-//OpenKM//DTD Property Groups 3.10//EN"
"http://www.openkm.com/dtd/property-groups-3.10.dtd">
<property-groups>
  <property-group label="Remote Signature" name="okp:remotesignature">
    <select label="Status" name="okp:remotesignature.status" type="simple" readonly="true">
      <option label="Pending to send" value="pendingToSend" selected="true"/>
      <option label="Pending to sign" value="pendingToSign"/>
      <option label="Signed" value="signed" />
      <option label="Error" value="error" />
    </select>
    <input label="Mail to notify" type="text" name="okp:remotesignature.mail">
    <validator type="req"/>
    </input>
    <checkbox label="Request Pin" name="okp:remotesignature.pin" />
    <select label="Sign Location" name="okp:remotesignature.location" type="simple">
      <option label="NorthWest" value="1"/>
      <option label="North" value="2"/>
      <option label="NorthEast" value="3" />
      <option label="West" value="4"/>
      <option label="Center" value="5"/>
      <option label="East" value="6" />
      <option label="SouthWest" value="7"/>
      <option label="South" value="8"/>
      <option label="SouthEast" value="9" />
      <validator type="req"/>
    </select>
    <select label="Language" name="okp:remotesignature.lang" type="simple">
      <option label="English" value="en-GB"/>
      <option label="Español" value="es-ES"/>
      <validator type="req"/>
    </select>
    <select label="Extra" name="okp:remotesignature.extra" type="multiple">
      <option label="DNI" value="okp:remotesignature.dni.1"/>
      <option label="Name" value="okp:remotesignature.name.2"/>
      <option label="Checkbox" value="okp:remotesignature.checkbox.3"/>
      <option label="Select" value="okp:remotesignature.select.4"/>
      <option label="Select Multiple" value="okp:remotesignature.selectmultiple.2"/>
    </select>
    <input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true">
    </input>
    <input label="Name" type="text" name="okp:remotesignature.name" readonly="true">
    </input>
    <input label="Page" type="text" name="okp:remotesignature.page">
    </input>
    <input label="Send Date" type="date" name="okp:remotesignature.sendDate" timeFormat="
    <input label="Sign Date" type="date" name="okp:remotesignature.signDate" timeFormat="
    <input label="Signature Device IP" type="text" name="okp:remotesignature.ip" readonly="
    <textarea label="Error Message" name="okp:remotesignature.errorMessage" width="200px
    </property-group>
  </property-groups>
```

Database 1.x

Configure Tomcat data sources

Edit the file `$TOMCAT_HOME/remote-signature.properties`:

MySQL:

```
spring.datasource.driver-class-name=com.mysql.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/remote-signature?useUnicode=true&ch
spring.datasource.username=openkm
spring.datasource.password=*secret*
```

MariaDB:

```
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
spring.datasource.url=jdbc:mariadb://localhost:3306/remote-signature?autoReconnect=tr
spring.datasource.username=openkm
spring.datasource.password=*secret*
```

PostgreSQL:

```
spring.datasource.driver-class-name=org.postgresql.Driver
spring.datasource.url=jdbc:postgresql://localhost:5432/remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
spring.datasource.validationQuery=SELECT 1
```

SQL Server:

```
spring.datasource.driver-class-name=com.microsoft.sqlserver.jdbc.SQLServerDriver
spring.datasource.url=jdbc:sqlserver://localhost:1433;databaseName=remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
spring.datasource.validationQuery=SELECT 1
```

H2:

```
spring.datasource.driver-class-name=org.h2.Driver
spring.datasource.url=jdbc:h2:./remote-signature
spring.datasource.username=openkm
spring.datasource.password=*secret*
```



With the MariaDB can use the following `driverClassName` values:

- `org.mariadb.JDBC.Driver` (suggested)
- `com.MySQL.jdbc.Driver`

In recent MySQL versions, you need to add **useSSL=false** to the connection URL.



Configures the values of the attributes named:

- Username.
- Password.
- URL (change to your hosts and port).

It can only use a resource called JDBC/OpenKMDS.

User guide 1.x

Remote Signature is an application to start a process to sign a PDF document. When the Remote Signature metadata described below is added to a pdf document, the Remote Signature application will allow, manually or periodically, you to send an email notification with an URL to sign a document.

During this process the data will be saved into the document notes.

Migration guide 1.x

- [Migration from 1.10 to 1.11](#)
- [Migration from 1.9 to 1.10](#)
- [Migration from 1.8 to 1.9](#)
- [Migration from 1.7 to 1.8](#)
- [Migration from 1.6 to 1.7](#)
- [Migration from 1.5 to 1.6](#)
- [Migration from 1.4 to 1.5](#)
- [Migration from 1.3 to 1.4](#)
- [Migration from 1.2 to 1.3](#)
- [Migration from 1.1 to 1.2](#)
- [Migration from 1.0 to 1.1](#)

Changelog 1.x

v1.12

- Released 2023-08-03
- Added support for the H2 database
- Added improvement, now when an error is raised processing a document in the cron process is sent a warning email to the author of the document
- Bugs:
 - Fixed the issue of loading a document in the mobile view.

v1.11

- Released 2023-07-12
- New metadata: Error state and description when a document failed to send the mail.
- New metadata: Request Pin, to show a verification pin panel before the sign document process
- Bugs:
 - If one document failed into the send mail queue, would cause a block in all the queue.

v1.10

- Released 2023-03-31
- Bugs:
 - The select multiple didn't work properly
 - The select multiple and checkbox type did not save the data on the notes

v1.9

- Released 2023-03-17
- New metadata types implemented: checkbox, simple selector and multiple selector
- Bugs:
 - If one of the possible extra form elements where not selected, any of the extra metadata where shown

v1.8

- Released 2023-02-02
- From mail configuration parameter added

v1.7

- Released 2022-12-01
- Selector of pages to be stamped implemented

v1.6

- Released 2022-11-18
- Bugs:
 - During the stamp process the document's uuid was missing

v1.5

- Released 2022-10-19
- Improvement in the quality of the signature image

v1.4

- Released 2022-09-21
- Bugs:
 - Sign button was disabled in mobile interface

v1.3

- Released 2022-09-13
- Extra metadata fields implemented.

v1.2

- Released 2022-08-23
- Document Url to OpenKM has been added to the document signed mail notification
- PDF.js is now set the default previewer.

v1.1

- Released 2022-08-09
- Information notes are added to the document during the signature process
- Bugs:
 - Rescaled signature image to a max value

v1.0

- Released 2022-07-27
- Initial public release

Migration from 1.11 to 1.12

- Go to the Administration > Database query and execute the next query to add new translations:

```
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-error.en-GB',  
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-error.en-GB',  
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-error.es-ES',  
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-error.es-ES',
```

- Stop Tomcat
- Replace the **remote-signature.war** archive.
- Start Tomcat

Migration from 1.10 to 1.11



The database sample below is set for MariaDB, to use in another database connection please take a look at the [Installation 1.x](#) section.

- Update the metadata definition because have been added new values and fields:
 - Added a new value **"error"** in the status field to help in the resolution of errors.
 - Added a new check box field named **"okp:remotesignature.pin"** to request pin in the UI.
 - Added a new textarea field named **"okp:remotesignature.errorMessage"** to save the message of the error.



The metadata field **"okp:remotesignature.extra"** is empty in the next sample. Should use your own fields in case you need them. Take a look at the [Installation 1.x](#) section for more information about the options you can set in this field.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE property-groups PUBLIC "-//OpenKM//DTD Property Groups 3.10//EN"
"http://www.openkm.com/dtd/property-groups-3.10.dtd">
<property-groups>
  <property-group label="Remote Signature" name="okg:remotesignature">
    <select label="Status" name="okp:remotesignature.status" type="simple" readonly="true">
      <option label="Pending to send" value="pendingToSend" selected="true" />
      <option label="Pending to sign" value="pendingToSign" />
      <option label="Signed" value="signed" />
      <option label="Error" value="error" />
    </select>
    <input label="Mail to notify" type="text" name="okp:remotesignature.mail" />
    <checkbox label="Request Pin" name="okp:remotesignature.pin" />
    <select label="Sign Location" name="okp:remotesignature.location" type="simple">
      <option label="NorthWest" value="1" />
      <option label="North" value="2" />
      <option label="NorthEast" value="3" />
      <option label="West" value="4" />
      <option label="Center" value="5" />
      <option label="East" value="6" />
      <option label="SouthWest" value="7" />
      <option label="South" value="8" />
      <option label="SouthEast" value="9" />
    </select>
    <select label="Language" name="okp:remotesignature.lang" type="simple">
      <option label="English" value="en-GB" />
      <option label="Español" value="es-ES" />
    </select>
    <select label="Extra" name="okp:remotesignature.extra" type="multiple">
    </select>
    <input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true" />
    <input label="Name" type="text" name="okp:remotesignature.name" readonly="true" />
    <input label="Page" type="text" name="okp:remotesignature.page" />
    <input label="Send Date" type="date" name="okp:remotesignature.sendDate" time="true" />
    <input label="Sign Date" type="date" name="okp:remotesignature.signDate" time="true" />
  </property-group>
</property-groups>
```

```

    <input label="Signature Device IP" type="text" name="okp:remotesignature.ip"
    <textarea label="Error Message" name="okp:remotesignature.errorMessage" width=
  </property-group>
</property-groups>

```

- Go to the Administration > Database query and execute the next query to add new translations:



In the case of have another language you should insert your own translations based in the scripts below.

```

-- English
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E

-- Spanish
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E
INSERT INTO OKM_TRANSLATION (TR_MODULE, TR_KEY, TR_TEXT, TR_LANGUAGE) VALUES ('rs', 'E

```

- Go to the Administration > Database query and execute the next query to add configuration parameters:

```

INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.es-ES',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-verify.en-GB',
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-verify.en-GB',

```

- Create a database named **remote-signature**
- Update the remote-signature.properties file with the database connection

```

# OpenKM Hibernate configuration values
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
spring.datasource.url=jdbc:mariadb://localhost:3306/remote-signature?useUnicode=true&
spring.datasource.username=openkm
spring.datasource.password=openkm

# JPA
spring.jpa.show-sql=false
spring.jpa.hibernate.ddl-auto=create-only
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MariaDB103Dialect
spring.jpa.hibernate.naming.physical-strategy=org.hibernate.boot.model.naming.Physical
spring.jpa.properties.hibernate.jdbc.batch_size=50
spring.jpa.properties.hibernate.order_inserts=true
spring.jpa.properties.hibernate.order_updates=true
spring.jpa.properties.hibernate.batch_versioned_data=true

```

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.9 to 1.10

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.8 to 1.9

- Stop Tomcat and replace the **remote-signature.war** archive
- New metadata groups samples:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE property-groups PUBLIC "-//OpenKM//DTD Property Groups 3.10//EN"
    "http://www.openkm.com/dtd/property-groups-3.10.dtd">
<property-groups>
  <property-group label="Remote Signature" name="okp:remotesignature">
    <select label="Status" name="okp:remotesignature.status" type="simple" readonly="true">
      <option label="Pending to send" value="pendingToSend" selected="true"/>
      <option label="Pending to sign" value="pendingToSign"/>
      <option label="Signed" value="signed" />
    </select>
    <input label="Mail to notify" type="text" name="okp:remotesignature.mail">
      <validator type="req"/>
    </input>
    <select label="Sign Location" name="okp:remotesignature.location" type="simple">
      <option label="NorthWest" value="1"/>
      <option label="North" value="2"/>
      <option label="NorthEast" value="3" />
      <option label="West" value="4"/>
      <option label="Center" value="5"/>
      <option label="East" value="6" />
      <option label="SouthWest" value="7"/>
      <option label="South" value="8"/>
      <option label="SouthEast" value="9" />
      <validator type="req"/>
    </select>
    <select label="Language" name="okp:remotesignature.lang" type="simple">
      <option label="English" value="en-GB"/>
      <option label="Español" value="es-ES"/>
      <validator type="req"/>
    </select>
    <select label="Extra" name="okp:remotesignature.extra" type="multiple">
      <option label="DNI" value="okp:remotesignature.dni.1"/>
      <option label="Name" value="okp:remotesignature.name.2"/>
      <option label="Checkbox" value="okp:remotesignature.checkbox.3"/>
      <option label="Select" value="okp:remotesignature.select.4"/>
      <option label="Select Multiple" value="okp:remotesignature.selectmultiple.5"/>
    </select>
    <input label="DNI" type="text" name="okp:remotesignature.dni" readonly="true">
    </input>
    <input label="Name" type="text" name="okp:remotesignature.name" readonly="true">
    </input>
    <input label="Page" type="text" name="okp:remotesignature.page">
    </input>
    <checkbox label="Checkbox label" name="okp:remotesignature.checkbox" />
    <select label="select label" name="okp:remotesignature.select" type="simple">
      <option label="one" value="001" />
      <option label="three" value="003" />
    </select>
    <select label="select label" name="okp:consulting.selectmultiple" type="multiple">
      <option label="one" value="001" />
      <option label="two" value="002" />
      <option label="three" value="003" />
    </select>
    <input label="Send Date" type="date" name="okp:remotesignature.sendDate" time="00:00:00">
    <input label="Sign Date" type="date" name="okp:remotesignature.signDate" time="00:00:00">
    <input label="Signature Device IP" type="text" name="okp:remotesignature.ip">
  </property-group>
```

```
</property-groups>
```

Migration from 1.7 to 1.8

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.6 to 1.7

- Stop Tomcat and replace the **remote-signature.war** archive
- Add new metadata group:

```
<input label="Page" type="text" name="okp:remotesignature.page">
</input>
```

Migration from 1.5 to 1.6

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.4 to 1.5

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.3 to 1.4

- Stop Tomcat and replace the **remote-signature.war** archive

Migration from 1.2 to 1.3

- Edit the metadata group and add the new extra select metadata field:

```
<select label="Extra" name="okp:remotesignature.extra" type="multiple">
</select>
```

- Stop Tomcat and replace the **remote-signature.war** archive
- Start the application

Migration from 1.1 to 1.2

- Update the following configurations to get the document url to the sDocument signed mail notification:

```
UPDATE OKM_CONFIG SET CFG_VALUE = '<p>El documento <a href="${docURL}">${docName}</a>  
UPDATE OKM_CONFIG SET CFG_VALUE = '<p>The document <a href="${docURL}">${docName}</a>
```

- Stop Tomcat and replace the **remote-signature.war** archive
- Start the application

Migration from 1.0 to 1.1

- Add new translations (execute the scripts below in the OpenK Administration from Administration > Tools > Database

Query):

- English:

```
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.en-GB', 'subject-signed', 'en-GB'),
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.en-GB', 'body-signed', 'en-GB'),
```

- Spanish

```
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.subject-signed.es-ES', 'subject-signed', 'es-ES'),
INSERT INTO OKM_CONFIG (CFG_KEY, CFG_TYPE, CFG_VALUE) VALUES ('rs.body-signed.es-ES', 'body-signed', 'es-ES'),
```

- Stop Tomcat and replace the **remote-signature.war** archive
- Start the application