Aspire :: OSGi Bundles :: ACR122u Reader
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This section describes the bundle for ACR122u reader (ie HALAdaptor)

Context

The ACR122u reader is an ISO 14443 RFID reader. This reader deals also with Mifare, Innovision, … tags. The ACR122u reader is sold as OEM by Touchatag and others.

The ACR122u Reader bundle packages a HALAdaptor for Tagsys Medio L100 & L200 reader attached to the host (RS232).

Building process

1. You must firstly build the tikitag clien project. This project is a open source Java library to access the acr122u reader.

   The sources of this project are in *trunk/bundles/readers/tikitag-client.* Use maven to build this project, the instruction is mvn clean install

1. You must also build the abstract-reader project. This project contains base classes used by all HAL adaptors.

   The sources of this project are in *trunk/bundles/readers/abstract-reader*. Use maven to build this project, the instruction is mvn clean install

1. Finally you must build the acr122u reader project. The sources are in *trunk/bundles/readers/acr122u-reader*

   Use maven to build this project, the instruction is mvn clean install

Deployment

The artifacts to deploy are

- org.ow2.aspirerfid:abstract-reader (Artifact that has the base reader classes)
- com.tikitag:com.tikitag.client-bundle (The open source java library)
- org.ow2.aspirerfid:tagsys-reader (The acr122u reader driver)

LRSpec

Configurable properties

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <ns3:LRSpec
xmlns:ns2="urn:epcglobal:ale:wsdl:1" xmlns:ns3="urn:epcglobal:ale:xsd:1">
```

```
</isComposite> <readers /> <properties> <property> <name>ReaderType</name>
<value>org.ow2.aspirerfid.ale.server.readers.rp.acr122u.ACR122UAdaptor</value> </property>
<property> <name>Description</name> <value>This ACR122u Logical Reader </value> </property>
<property> <name>PhysicalReaderName</name> <value>ACR122u</value> </property> <property>
<name>ReadTimeInterval</name> <value>1500</value> </property> </properties> </ns3:LRSpec>
```

Link

- ACR122u reader

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Creator: xwiki:XWiki.donsez Date: 2010/06/21 06:49
Last Author: xwiki:XWiki.gabo_pedraza Date: 2010/06/25 12:42
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