Funambol

Sync4j Domino Connector 1.2 Quick Start Guide

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1. Introduction

The purpose of this document is to describe how to manage and administer the Domino SyncSource component using the SyncAdmin console.

This document is intended to be read by the administration users.

1.1. Related Documents

The following documents are related to this design document:

[1] Sync4j Interchange Format
[2] Internet Calendaring and Scheduling Core Object Specification - [RFC 2445]
[3] Sync4j Modules Development Guide
[4] Sync4j SyncServer 4.0.x Administration Guide

2. Setting Domino Connector

2.1. Sync4j Domino Connector Installation Procedure

The Sync4j Domino Connector is distributed as a standard Sync4j module [3]. The distribution contains the following files:

– sync4j-domino-connector-<major>.<minor>.<buildnumber>.s4j (the module)
– the release notes
– the readme.txt
– this guide

To install the module you have to follow this steps:

1) put the s4j file in the directory

    <installation dir>\syncserver-<version>\modules

2) modify "install.properties" file adding "sync4j-domino-connector-1.2.0" to the modules list:

    modules-to-install=foundation-1.5,pdi-1.3,pimweb-1.1,**sync4j-domino-connector-1.2.0**

3) start installation modules command.

For more details about the Sync4j module installation see [4].

During the installation the following steps are performed automatically:
1. the database is initialized creating the connector specific tables and registering the connector into the server.
2. the DominoOfficer.xml file is copied in the directory:

    <installation dir>\<syncserver-version>\config\sync4j\server\security

3. the Sync4j.properties configuration file is updated to configure the Sync4j Server to use the DominoOfficer.

In order to complete the Domino Connector installation you have to set Domino server host name (or ip address) and port parameters in the file:

    <installation dir>\<syncserver-version>\config\sync4j\server\security\DominoOfficer.xml

This is an example of the DominoOfficer.xml file:

```
<?xml version="1.0" encoding="UTF-8"?>
<java version="1.4.0" class="java.beans.XMLDecoder">
    <object class="com.sainstudio.connector.domino.security.DominoOfficer">
        <void property="host">
```

```
            <string>192.168.0.1</string>
        </void>
        <void property="port">
            <!-- default port is 63148 -->
            <string>63148</string>
        </void>
    </object>
</java>
```

2.2. Configuring SyncSource

Wheh installation is completed, you can open the Sync4j Administrator Console and check the following tree structure

All SyncSources have the following properties:

Property	Description
Source URI	The sync source URI [i.e. "./contacts"].
Name	The SyncSource name. [i.e. "contacts"]
Host	The Domino server hostname/ip address.
Port	The Domino DIIOP server port. (default: 63148)
Type	Should the Data content be SIF-XML format or vcard/ical format? (see next table)

The tables below show the configuration to use the Domino SyncSource with mobile phone or with Sync4j clients that use SIF-XML format.

Domino SyncSources configuration to use Mobile Phone

SyncSource	Property	Value
Domino Calendar SyncSource		
	Type	i-carl
Domino Contact SyncSource		
	Type	vcard

Domino SyncSources configuration to use Sync4j Clients that use SIF-XML format

SyncSource	Property	Value
Domino Calendar SyncSource		

SyncSource	Property	Value
	Type	SIF-E
Domino Contact SyncSource		
	Type	SIF-C

2.3. Enabling Log

In order to configure the logging level for the Domino Connector, you have to modify the file:

<installation dir>\syncserver-<version>\config\sync4j\server\logging\Logging.xml

adding this rows:

```
<void method="add">
 <object class="sync4j.framework.config.LoggerConfiguration">
  <void property="append">
   <boolean>true</boolean>
  </void>
  <void property="count">
   <int>1</int>
  </void>
  <void property="inherit">
   <boolean>false</boolean>
  </void>
  <void property="level">
   <string>INFO</string>
  </void>
  <void property="limit">
   <int>100</int>
  </void>
  <void property="name">
   <string>sync4j.dominoConnector</string>
  </void>
  <void property="pattern">
   <string>logs/syncserver.dominoconnector.log</string>
  </void>
 </object>
</void>
```

This file is re-written during server installation (or module installation) so, if you don't want lost the changes, you may insert the same rows in the file:

<installation dir>\syncserver-x.x.x\default\config\common\beans\sync4j\server\logging\Logging.xml

2.4. Sync4j Domino Connector Licensing

Sync4j Domino Connector is a closed source connector provided by Funambol. In order to run the Sync4j Domino Connector you have to obtain the license key.

You'll receive the license file "sync4j-domino-connector-license.jar" in your email account.

To activate the domino connector trial license, copy "sync4j-domino-connector-license.jar" file in the following directory:

– if you're using the Tomcat bundle environment:
  – <installation_directory>\tools\tomcat\common\lib

- – if you're using jboss environment
  - – *<installation_directory>*\server\default\lib
  - – *<installation_directory>*\server\sync4j\lib

Then restart the server.

For information about the product license please contact sales@funambol.com.