

# Email reader connector demo project

## Table of Contents

Demo setup.....	1
Maven settings .....	1
Server log configuration.....	1
Local mail server and web UI .....	2
Run the demo.....	4
Resources .....	4
Licence .....	4

This project demonstrate how to start a process with an incoming email, or just execute a pending task based on single "reply"

## Demo setup

### Maven settings

Add a Maven repository <https://maven.pkg.github.com/bonitasoft-presales/>\* server credential is password based, using your github account name et a personnal access token (PAT) that includes read package access

### Server log configuration



Local Studio runtime can be configured to display connector logs:

```
<?xml version="1.0" encoding="UTF-8"?><Configuration monitorInterval="10" status="info">
  <Loggers>
    <Logger level="INFO" name="org.bonitasoft"/>
    <Logger level="INFO" name="com.arjuna"/>
    <Logger level="INFO" name="org.jboss.narayana.tomcat.jta"/>
    <Logger level="INFO" name="org.bonitasoft.platform"/>
    <Logger level="INFO" name="org.bonitasoft.engine.EngineInitializer"/>
    <Logger level="INFO" name="BONITA_WORK_AUDIT.EXECUTION"/>
    <Logger level="WARN" name="org.hibernate"/>
    <Logger level="ERROR" name="org.hibernate.orm.cache"/>
    <Logger level="WARN" name="org.hibernate.SQL_SLOW"/>
    <Logger level="WARN" name="net.sf.ehcache"/>
    <Logger level="ERROR" name="org.hibernate.type.TypeFactory"/>
    <Logger level="WARN" name="org.springframework"/>
    <Logger level="WARN" name="org.bonitasoft.engine.service.impl.BonitaSpringContext
"/>
    <Logger level="WARN" name="org.tuckey"/>
    <Logger level="INFO" name="com.bonitasoft"/>
    <Logger level="INFO" name="com.bonitasoft.engine.monitoring.LoggingMeterRegistry
"/>

    <Logger level="DEBUG" name="com.bonitasoft.connectors"/> ①
  </Loggers>
</Configuration>
```

① add dedicated log level for connector package

## Local mail server and web UI



We use Docker compose to setup the mail server

### GreenMail and RoundCube

Email sand box. Check their [website](#). Round cube is a webmail client.

#### Run

Run both Round cube and green mail using docker compose

## *docker-compose.yml*

```
version: "3.2"

services:
  greenmail:
    image: greenmail/standalone:1.6.8
    ports:
      - 2525:3025
      - 3110:3110
      - 3143:3143
      - 3465:3465
      - 3993:3993
      - 3995:3995
    restart: always

  roundcube:
    image: roundcube/roundcubemail:latest
    environment:
      - ROUNDCEBEMAIL_SMTP_SERVER=greenmail
      - ROUNDCEBEMAIL_SMTP_PORT=3025
      - ROUNDCEBEMAIL_DEFAULT_HOST=greenmail
      - ROUNDCEBEMAIL_DEFAULT_PORT=3143
    ports:
      - 8088:80
    depends_on:
      - greenmail
    restart: always
```

## *start.sh*

```
#!/usr/bin/env sh
./stop.sh
docker-compose -p GreenMail pull
docker-compose -p GreenMail build
docker-compose -p GreenMail up -d
```

## *stop.sh*

```
#!/usr/bin/env sh
docker-compose -p GreenMail down -v
```

UI available on <http://localhost:8088> use any valid email as username to login

## Port used

Port	Description
2525	SMTP

Port	Description
3110	POP3
3143	IMAP
3465	SMTPS
3993	IMAPS
3995	POP3S

## Run the demo

1. Open a webmail UI connected as "Walter Bates" ([walter.bates@amce.com](mailto:walter.bates@amce.com)), and send an HTML email with attachments
2. Open Bonita user portal, and start process All unread e-mails
3. Wait a review task, don't check Case information is completed and add a comment
4. In the web mail, wait for a new mail, and just reply, and add a new attachment
5. Wait around 1 minute until mail is read, and check task has been executed, with new attachment from the email

## Resources

Resource	Repository
Connector repository	<a href="#">connector-email-reader</a>
This project	<a href="#">demo-email-reader-connector</a>

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