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Desenvolvimento de Aplicações Empresariais – 2017-18-1S

Engenharia Informática – 3.º ano – Ramo SI

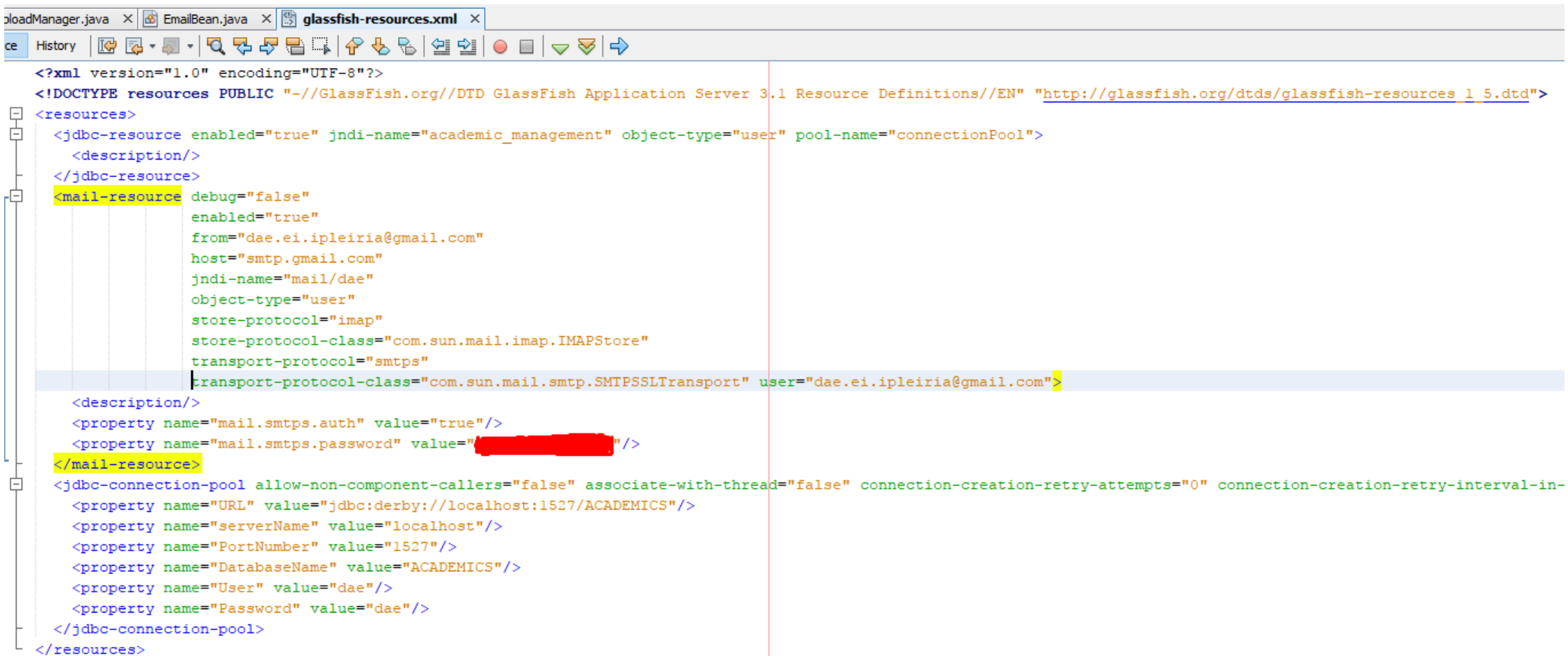
**Configuração de uma JavaMail Session no Glassfish**

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**Alternativa 1: Editar o glassfish-resources.xml e adicionar o seguinte pedaço de código dentro das <resources>**

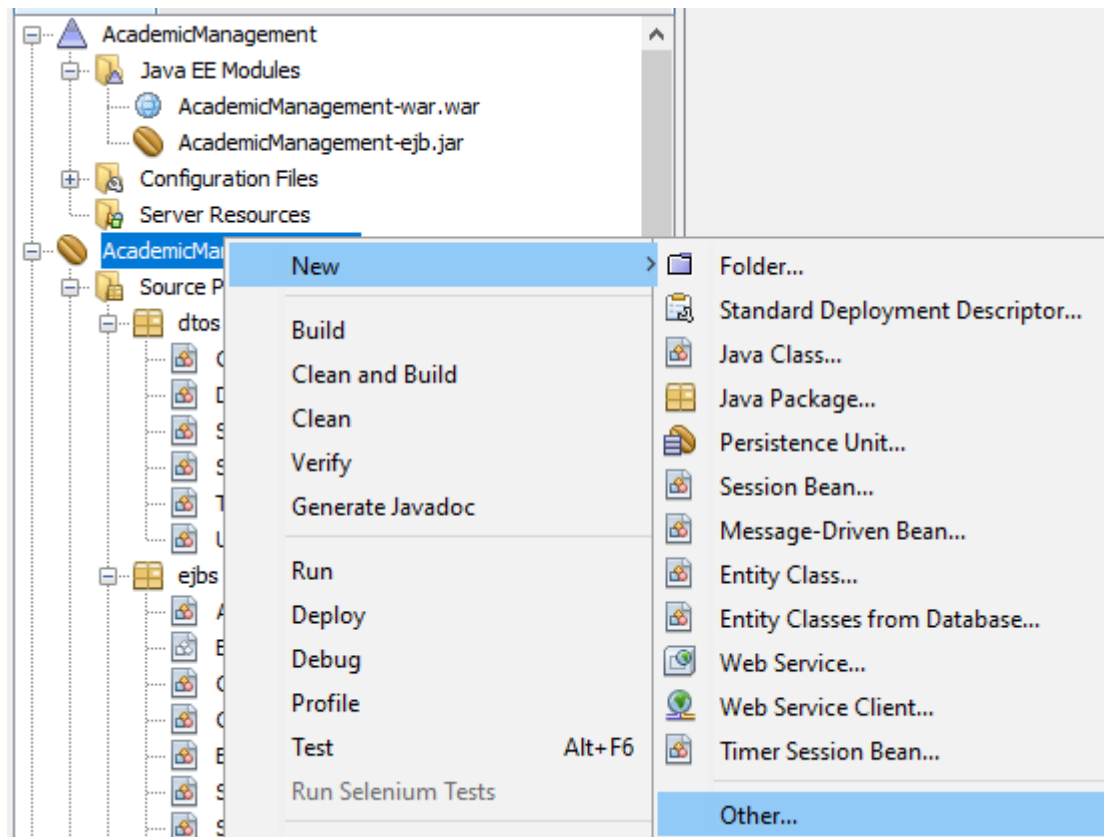
```
<mail-resource jndi-name="mail/dae"
  object-type="user" store-protocol="imap" store-protocol-class="com.sun.mail.imap.IMAPStore"
  enabled="true" debug="false"
  from="<your email>" host="<smtp host>" user="<your username or email (again)>"
  transport-protocol="smtps" transport-protocol-class="com.sun.mail.smtp.SMTPSSLTransport">
  <description/>
  <property name="mail.smtps.auth" value="true"/>
  <property name="mail.smtps.password" value="<your password>"/>
</mail-resource>
```

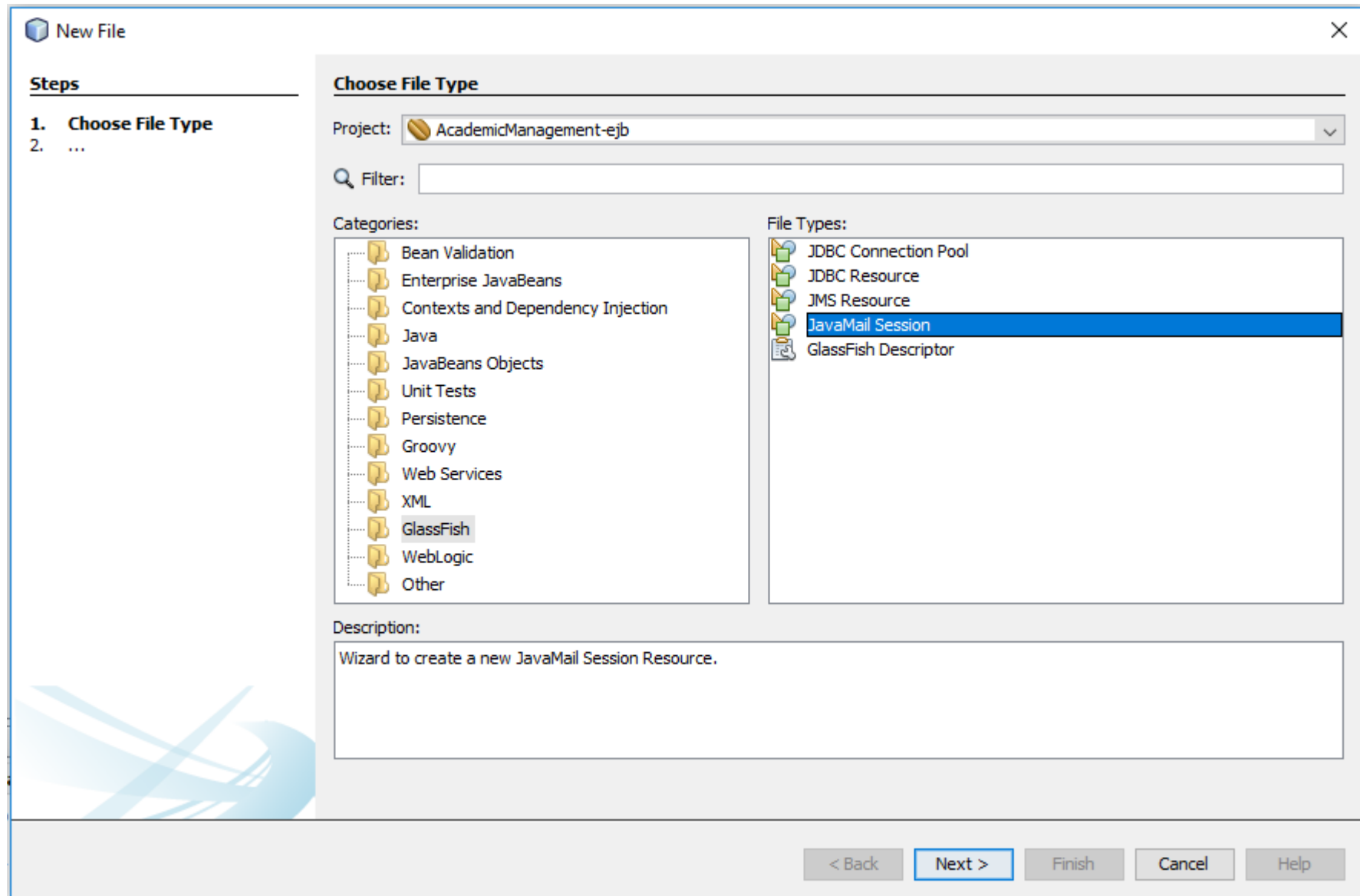
### Exemplo:

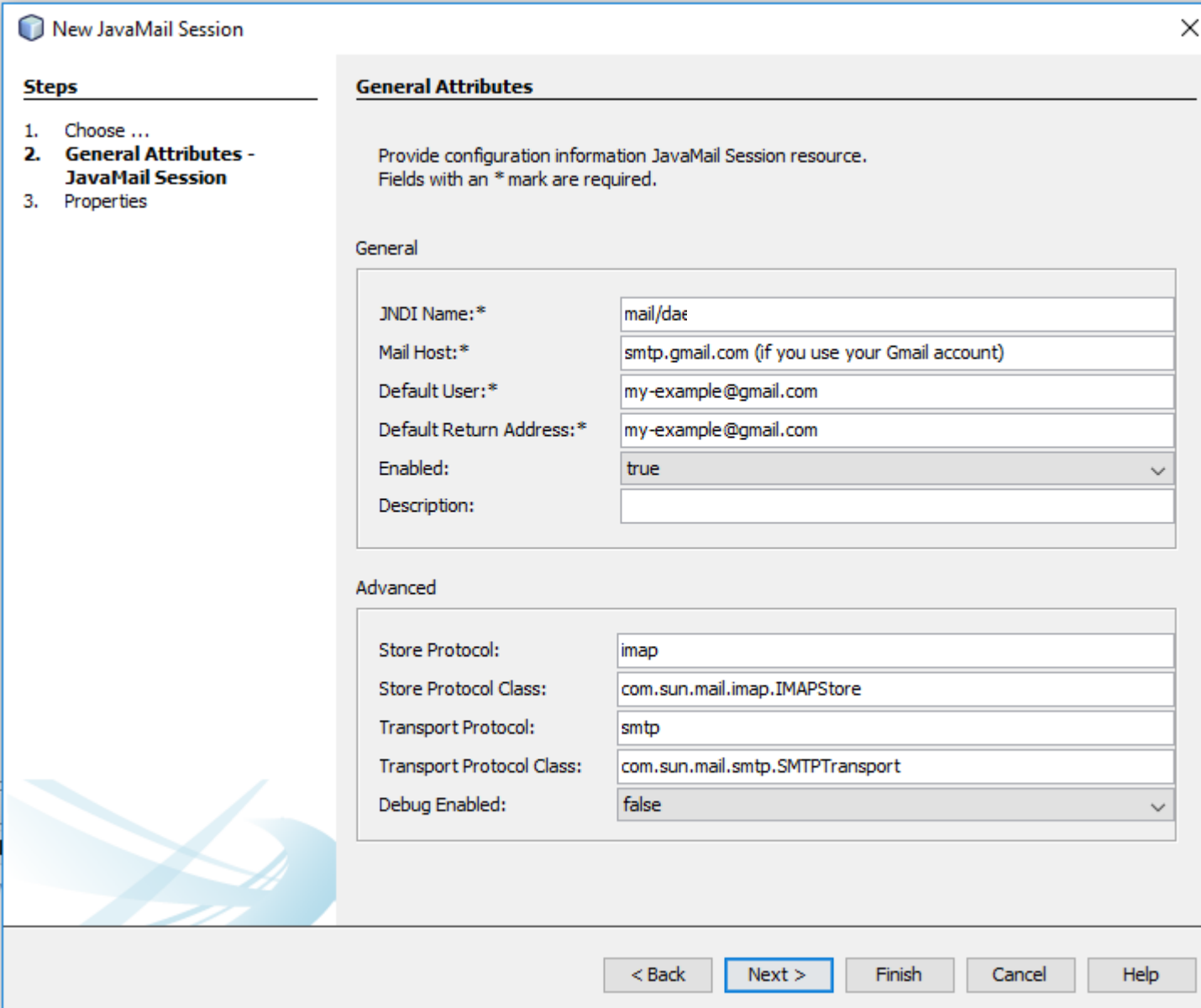


```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE resources PUBLIC "-//GlassFish.org//DTD GlassFish Application Server 3.1 Resource Definitions//EN" "http://glassfish.org/dtds/glassfish-resources_1_5.dtd">
<resources>
  <jdbc-resource enabled="true" jndi-name="academic_management" object-type="user" pool-name="connectionPool">
    <description/>
  </jdbc-resource>
  <mail-resource debug="false"
    enabled="true"
    from="dae.ei.ipleiria@gmail.com"
    host="smtp.gmail.com"
    jndi-name="mail/dae"
    object-type="user"
    store-protocol="imap"
    store-protocol-class="com.sun.mail.imap.IMAPStore"
    transport-protocol="smtps"
    transport-protocol-class="com.sun.mail.smtp.SMTPSSLTransport" user="dae.ei.ipleiria@gmail.com">
    <description/>
    <property name="mail.smtps.auth" value="true"/>
    <property name="mail.smtps.password" value="<REDACTED>"/>
  </mail-resource>
  <jdbc-connection-pool allow-non-component-callers="false" associate-with-thread="false" connection-creation-retry-attempts="0" connection-creation-retry-interval-in-
    <property name="URL" value="jdbc:derby://localhost:1527/ACADEMICS"/>
    <property name="serverName" value="localhost"/>
    <property name="PortNumber" value="1527"/>
    <property name="DatabaseName" value="ACADEMICS"/>
    <property name="User" value="dae"/>
    <property name="Password" value="dae"/>
  </jdbc-connection-pool>
</resources>
```

### Alternativa 2: Adicionar a entrada no glassfish-resources.xml em modo gráfico:







The image shows a 'New JavaMail Session' dialog box with a 'Steps' sidebar on the left and a 'General Attributes' main area. The 'Steps' sidebar lists three steps: '1. Choose ...', '2. General Attributes - JavaMail Session' (which is highlighted), and '3. Properties'. The 'General Attributes' section contains two sub-sections: 'General' and 'Advanced'. The 'General' section has fields for 'JNDI Name: \*' (mail/dae), 'Mail Host: \*' (smtp.gmail.com (if you use your Gmail account)), 'Default User: \*' (my-example@gmail.com), 'Default Return Address: \*' (my-example@gmail.com), 'Enabled:' (true), and 'Description:'. The 'Advanced' section has fields for 'Store Protocol:' (imap), 'Store Protocol Class:' (com.sun.mail.imap.IMAPStore), 'Transport Protocol:' (smtp), 'Transport Protocol Class:' (com.sun.mail.smtp.SMTPTransport), and 'Debug Enabled:' (false). At the bottom of the dialog are buttons for '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'. The 'Next >' button is highlighted with a blue border.

**New JavaMail Session**

**Steps**

1. Choose ...
- 2. General Attributes - JavaMail Session**
3. Properties

**General Attributes**

Provide configuration information JavaMail Session resource.  
Fields with an \* mark are required.

**General**

JNDI Name: *	mail/dae
Mail Host: *	smtp.gmail.com (if you use your Gmail account)
Default User: *	my-example@gmail.com
Default Return Address: *	my-example@gmail.com
Enabled:	true
Description:	

**Advanced**

Store Protocol:	imap
Store Protocol Class:	com.sun.mail.imap.IMAPStore
Transport Protocol:	smtp
Transport Protocol Class:	com.sun.mail.smtp.SMTPTransport
Debug Enabled:	false

< Back   **Next >**   Finish   Cancel   Help

**New JavaMail Session**

**Steps**

1. Choose ...
2. General Attributes - JavaMail Session
3. **Properties**

**Mail Session Properties**

Add additional configuration for JavaMail Session mail/dae\_1.  
Hit the Enter key to save values in the Properties table.

Properties:

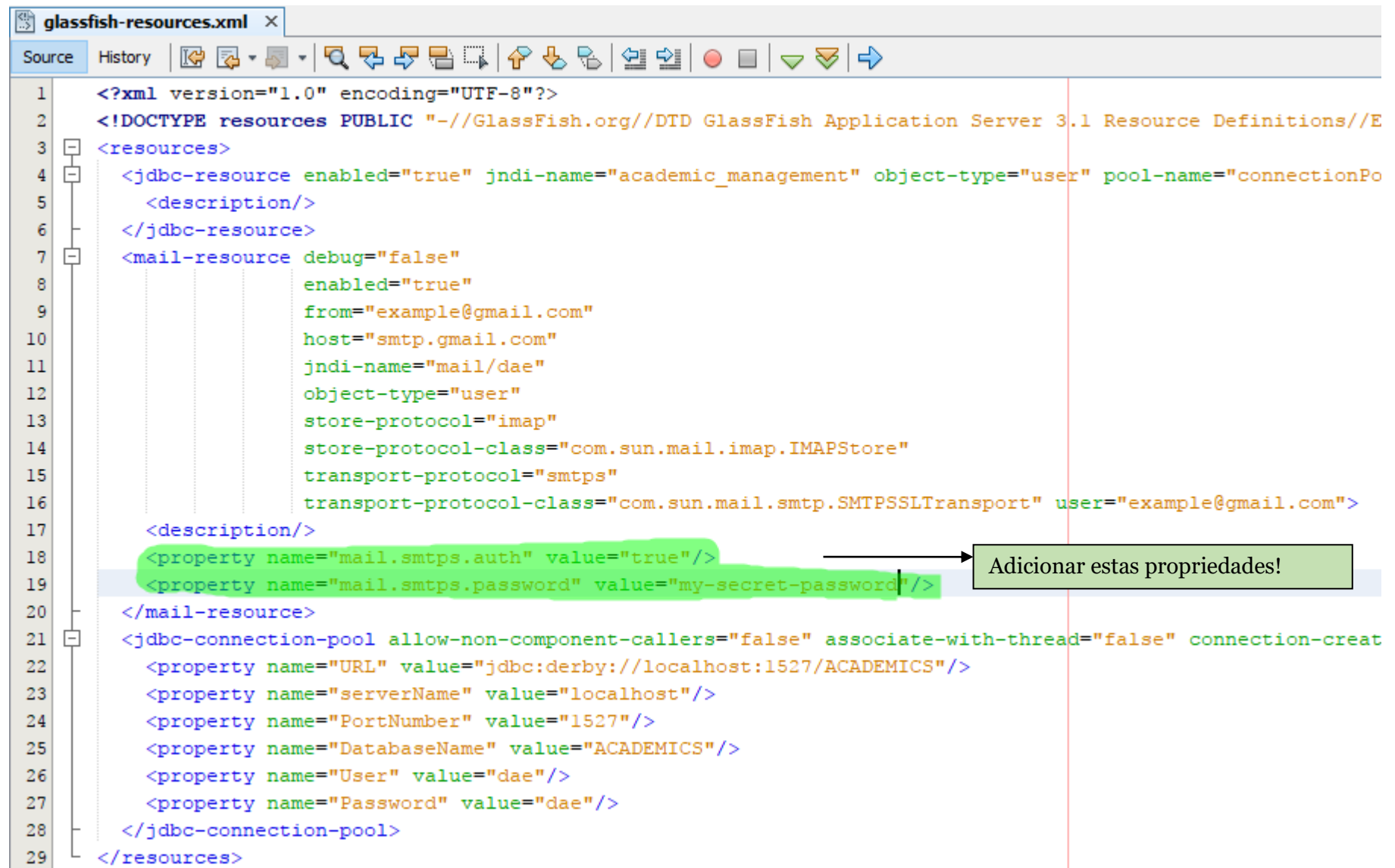
Name	Value
------	-------

**Add**

**Remove**

**< Back** **Next >** **Finish** **Cancel** **Help**

Aqui não é possível adicionar as properties que queremos, dá um erro... por isso adicionamos mais tarde no xml (ver página seguinte); fazamos apenas FINISH.



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE resources PUBLIC "-//GlassFish.org//DTD GlassFish Application Server 3.1 Resource Definitions//E
3 <resources>
4   <jdbc-resource enabled="true" jndi-name="academic_management" object-type="user" pool-name="connectionPo
5     <description/>
6   </jdbc-resource>
7   <mail-resource debug="false"
8     enabled="true"
9     from="example@gmail.com"
10    host="smtp.gmail.com"
11    jndi-name="mail/dae"
12    object-type="user"
13    store-protocol="imap"
14    store-protocol-class="com.sun.mail.imap.IMAPStore"
15    transport-protocol="smtps"
16    transport-protocol-class="com.sun.mail.smtp.SMTPSSLTransport" user="example@gmail.com">
17     <description/>
18     <property name="mail.smtps.auth" value="true"/>
19     <property name="mail.smtps.password" value="my-secret-password"/>
20   </mail-resource>
21   <jdbc-connection-pool allow-non-component-callers="false" associate-with-thread="false" connection-creat
22     <property name="URL" value="jdbc:derby://localhost:1527/ACADEMICS"/>
23     <property name="serverName" value="localhost"/>
24     <property name="PortNumber" value="1527"/>
25     <property name="DatabaseName" value="ACADEMICS"/>
26     <property name="User" value="dae"/>
27     <property name="Password" value="dae"/>
28   </jdbc-connection-pool>
29 </resources>
```

Adicionar estas propriedades!