1. **Synopsis-**

This library contains screens and code needed to send mail using Panther and Java.

This is special in its own way that unlike other apps such as Outlook, its superlight and compact, requires no extra installations, works with Panther itself. All you need to do is pass the arguments, use correct authentication and you’re good to go.

1. **Algorithm -**

Start by creating a screen.

Add 4 grids.

Create input options by adding text fields and label them properly so that they can have a sync with the code.

Adjust the text fields’ geometry.

Add JPL text to the required field.

Apply host id and port carefully. Double check with the network settings.

You can turn off entry function clearing of the text-fields off for fields such as Mail From.

Add a button on the screen and to that button add a Java Tag which is the same as specified in the Button Handler event of the java code that is written for the data transfer.

Open eclipse to write Java code in Panther Perspective.

Import Panther Libraries and other libraries required for email generation.

Create a class and add C functions, protocol and properties.

Add authentication code.

Add code for email creation and attachment addition.

Add alert for mail sent or not.

Add exception handling.

1. **Motivation-**

How to send mail from Panther is a frequently asked question; thus making a sample and source available to the customer.

1. **Installation-**

Importing the library into Panther Client via Eclipse Plugin. Make sure the JDK is the same bit version as Panther.

It will be better if you use this library via a Panther batch file so that the system settings need not be changed for this.

Batch file settings –

set SMBASE = /\*Panther Installation directory\*/

set SMVARS = %SMBASE%\config\smvars.bin

set SMPATH=%SMBASE%\util;%SMBASE%\config

set LM\_LICENSE\_FILE=%SMBASE%\licenses\license.dat

set CLASSPATH= /\*Add the path of mailtest.jar, mail.jar & pro5.jar\*/

set PATH=%SMBASE%\util;%PATH%;Add path till jdk bin (Use java 8)

%SMBASE%\util\prodev32.exe -ini /\* Add the ini file path to your working directory Panther\*/

1. **API Reference-**

http://docs.prolifics.com/panther/html/dev\_html/mail.htm#983694

1. **Tests-**

To:  [example@host.com](mailto:example@host.com)

From: [example@host.com](mailto:example@host.com)

Host: /\*See info below\*/

Security: /\*See info below\*/

Port: /\*See info below\*/

{Host/Security and Port Number needs to be confirmed from the WebUI of the mail host that the senderis using}

Subject & Message: User Dependent

User: The username given by the host

Password: The same password that I use to login for your mail

Attachment: Browse for your attachment file one by one and click Add button every time.

1. **License-**

Panther Cloud License, contact [support@prolifics.com](mailto:support@prolifics.com)