

Option C - MarvelClient PostOpen Script

The form for creating a [Mailbased Install](#) also allows to create a "PostOpen" Script for inclusion in e.g., the mailfile template or an application that users use on at least a daily basis:

Title:

HCL Notes - Client Installation POSTOPEN

MarvelClient Installation configuration

Install Type?	<input type="radio"/> Mailbased Install <input checked="" type="radio"/> Mailbox Postopen Script
Restrict readers?	<input type="text" value=" (=unrestricted)"/>
Text before button:	<input type="text" value=" For more enhanced mail design, please use the RichText fields at the end of this document (they are at the end of this document because, in general, RichText fields should not be inside a table)."/> NOTE: The button is sent along with stored forms, too, but only displayed to end users for which stored forms are disabled.
Target platform?	<input checked="" type="checkbox"/> Windows/32 <input checked="" type="checkbox"/> Windows/64 <input type="checkbox"/> Linux <input type="checkbox"/> Mac (OS X) <input checked="" type="checkbox"/> Mac64 (OS X)
Citrix?	<input type="radio"/> Run full install on Citrix (not recommended) <input checked="" type="radio"/> Run on Citrix but do not deploy any files <input type="radio"/> Do not run install on Citrix
Message on success:	<input type="text" value=" panagenda MarvelClient was installed successfully - please restart HCL Notes"/>

On the form, simply select the "Mailbox PostOpen Script" option. When you are finished with completing the form, select the overhead menu item "Generate PostOpen Script" and follow instructions in the remarks at the top of the generated code. You can use the button 'Copy to Clipboard & follow the instructions in green' to copy the code into your clipboard.

Mailbox PostOpen Script Code

Copy to Clipboard & follow the instructions in green

OR

Deploy code to a standard mail template

Paste Close

Please copy the entire following code (EXCEPT for these first remark lines) to the clipboard.

FOR MAILBOX TEMPLATES >= RELEASE 8

Paste the code into a blank line of the Options section of ALL of the following Page design elements:
[Notesmail Picker], [Notesmail Picker \$1], and [Notesmail Picker\$]
For Notes 11 and newer, similarly add it to [Notesmail PickerV11]
Then, insert [Call MC_Install] without the square brackets in the PostOpen Event of ALL the above stated page design elements where you see it best fit.

FOR MAILBOX TEMPLATES < RELEASE 8

Paste the code into a blank line of the Options section of the database script.
Then, insert [MC_Install] without the square brackets in the PostOpen Event where you see it best fit.

Option Declare

```
Declare Sub WIN_OSGetExecutableDirectory Lib "notes.dll" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )
Declare Sub LINUX_OSGetExecutableDirectory Lib "libnotes.so" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )
Declare Sub MAC_OSGetExecutableDirectory Lib "libnotes.dylib" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )

Declare Function GetSystemMetrics Lib "user32.dll" ( Byval nIndex As Long ) As Long
Const SM_REMOTESESSION = $H1000

Dim s_separator As String

%REM
```

Should you want to embed the code into a different database (e.g., the phone book application or similar that all end users access on ideally a daily basis or even more often), then you can simply paste the code into CodeDatabase Script of that application and insert MC_Install into the PostOpen section.

You can also add the code to the Database Script and PostOpen event of bookmark.ntf on client deployments, if you do not have a central database that all your end users access frequently. In this case, you would have to deploy the code to all bookmark.ntf files across your clients (for multiuser setup, don't forget the MUI subfolders) and trigger a design update by deleting TemplateSetup from notes.ini.

After closing the document, you can return to it and re-use it any time to update the configuration and code if needed.

NOTE that when you update the configuration, you must also update the code in the corresponding database/template.

Second option to automatically deploy the “PostOpen” script code into your environment.

There is a second option available to automatically deploy the "PostOpen" script code into your environment. This method can be used if you are using a standard HCL Notes mail template or if your modified HCL Notes mail template still has the following standard unchanged design elements (pages): "[Notesmail Picker]", "[Notesmail Picker 6.1]", "[Notesmail PickerH]", and "[Notesmail PickerHV11]".

To use this option, click the "Deploy code to a standard mail template" button and a dialog will appear prompting you to enter the following details:

1. The 'Source template path' of your existing HCL Notes mail template.
2. The 'Target template path' to create the new mail template.
3. The 'Target master template name' of the newly created mail template.

Deploy code to install MarvelClient on clients

Source template path: mail.server1!!Mail12.ntf

Target template path: mail.server1!!Mail12-panagenda.ntf

Target master template name: StdR12Mail-panagenda

Your Mail template should not have changes on following design elements. Pages: [NotesMail Picker], [NotesMail Picker 6.1], [NotesMail PickerH], [NotesMail PickerHV11]!
It is recommended not to use such a template or to remove all changes to these design elements and add your code back later.

Deploy following code to target template Close

Option Declare

```
Declare Sub WIN_OSGetExecutableDirectory Lib "nnotes.dll" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )
Declare Sub LINUX_OSGetExecutableDirectory Lib "lnnotes.so" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )
Declare Sub MAC_OSGetExecutableDirectory Lib "lnnotes.dylib" Alias "OSGetExecutableDirectory" ( Byval DirName As Lmbcs String )

Declare Function GetSystemMetrics Lib "user32.dll" ( Byval nIndex As Long ) As Long
Const SM_REMOTESESSION = &H1000

Dim s_separator As String

%REM
Function MC_Install
Created by Florian vogler/panagenda
Modified Nov 21, 2022 by ralf frieauff/panagenda
%END REM
Function MC_Install()
Dim t_server As String, t_filepath As String, t_duid As String, t_k_nab_field As String, t_nab_field As String
```

This method also works locally if the HCL Notes mail template is in your local Notes data directory. Simply omit the server name when entering the source and target paths.

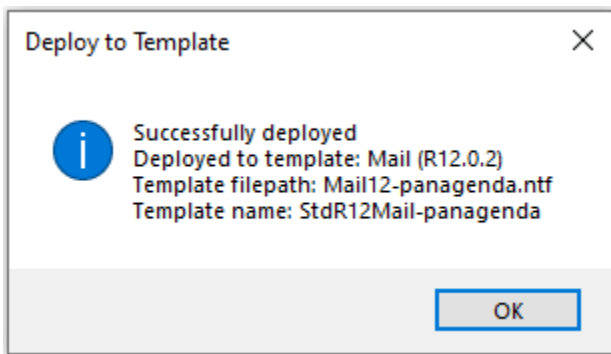
Once you have correctly filled in the three fields, click the "Deploy following code to target template" button. If you are confident with the details you entered, click "Yes" to confirm the process.

Deploy MarvelClient installation code

Should the template mail.server1!!Mail12.ntf be copied to mail.server1!!Mail12-panagenda.ntf and the MarvelClient installation code be deployed into the copy?

Yes No

The source HCL Notes template will then be copied which will be indicated in a process bar, and the script code will be implemented in the named pages of the new template. On success, you will receive a dialog indicating that a new HCL Notes mail template has been created and can be found at the named location.



HINT: you may want to sign the new template or just the changed pages with your server or special signer ID.

The template is now ready to use, but to make it available for all users, you must replicate the template to all your Mail servers. If you have created the new template in your local Notes data directory, you will need to replicate the template to your mail servers as well.

Now you have created a new template and replicated it to the mail servers. Next, you want the users' mail databases to get the new template:

HINT: Before you deploy the new template to all mail databases you should carefully test the template on one or a few mail databases: You can either initiate Replace Design per mail database and test the new template or change the 'Template name' per mail database. In the example from 'StdR12Mail' to 'StdR12Mail-panagenda'.

But the best way to deploy the created Mail template is the use MarvelClient as described in the following article '[Automate replace design of your user's mail databases](#)'

NOTE: As always, test thoroughly before implementing. Your users will thank you!