



CTX-IMAP-Extensions User Guide

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Versions

Document Revisions

The following revisions have been made to this document

Date	Revision	Notes
10/10/2019	1.0	First Release

Module Versions

The following revisions have been made to this document

Date	Revision	Notes
10/10/2019	1.0	First Release

Preface

About this Manual

This document is a user guide for the CTX-IMAP-Extensions module.

Audience

The audience for this document is those wanting to understand how to use CTX-IMAP-Extensions module.

Related Material

Document
CTX-IMAP-Extensions - Deployment Plan
CTX-IMAP-Extensions.studiopkg

Abbreviations used in this Document

IMAP Internet Message Access Protocol

1 Requirements

The CTX-IMAP-Extensions module requires the following:

- Minimum Cortex v6.5 installed on the Cortex Application Server
- Windows PowerShell v5 or newer

2 Overview

This module offers an extension to the current IMAP blocks found in Gateway. Whilst this module is not officially supported it works using the same underlying library as the blocks, this gives the ability to target emails using the same message IDs returned by the 'Get Messages' block. This module provides the following operations:

- Save an attachment on an email to a specified directory
- Move an email from one folder to another

The subtasks in the module work by using the PowerShell block to run executables.

3 Configuration

This module requires a valid nSoftware IPWorks license, Cortex customers and partners will be able to obtain a license from Cortex. A license can also be obtained directly through nSoftware.

To add the license, navigate to the following files:

- \IMAP Provider\IMAP_Move_Email\bin\Debug\IMAP_Move_Email.exe.config
- \IMAP Provider\IMAP_Save_Attachments\bin\Debug\IMAP_Save_Attachments_FrameWork46.exe.config

Inside each folder you will find the following:

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.6" />
  </startup>
  <appSettings>
    <add key="License" value="Please provide license here" />
  </appSettings>
</configuration>
```

Replace the highlighted text with the license key in both files

4 Subtasks

4.1 IMAP-Save-Attachments

4.1.1 Overview

Save attachments on an email to a directory

4.1.2 Input variables

Name	Type	Comments
ISA_i_Mail-Server	Text	Name of the mail server
ISA_i_Port	Text	Port that you wish to connect to the mail server through
ISA_i_Username	Text	Name of the email account
ISA_i_Password	Text	Password of the email account
ISA_i_Mailbox-Name	Text	Name of the mailbox on the mail server
ISA_i_Message-ID	Text	ID on the message, this can be captured using the existing IMAP blocks
ISA_i_Save-To-Directory	Text	The directory that the attachments will be saved to
ISA_i_IMAP-Provider-Folder	Text	The path to the IMAP provider folder
ISA_i_SSL-Start-Mode	Text	The SSL start mode to connect on, this can take the following values: <ul style="list-style-type: none"> • sslAutomatic: If the remote port is set to the standard plaintext port of the protocol (where applicable), the component will behave the same as if SSLStartMode is set to sslExplicit. In all other cases, SSL negotiation will be implicit (sslImplicit) • sslImplicit: The SSL negotiation will start immediately after the connection is established • sslExplicit: The component will first connect in plaintext, and then explicitly start SSL negotiation through a protocol command such as STARTTLS. • sslNone: No SSL negotiation, no SSL security. All communication will be in plaintext mode.

4.1.3 Output variables

Name	Type	Comments
ISA_o_PS-Output	Structure	Output from the PowerShell script

4.1.4 Example

C:\IMAP	...	→	ISA_i_IMAP-Provider-Folder	Remove
tomrobiquetest@gmail.com	...	→	ISA_i_Email	Remove
password	...	→	ISA_i_Password	Remove
imap.gmail.com	...	→	ISA_i_Mail-Server	Remove
993	...	→	ISA_i_Port	Remove
Inbox	...	→	ISA_i_Mailbox-Name	Remove
sslAutomatic	...	→	ISA_i_SSL-Start-Mode	Remove
C:\Attachments	...	→	ISA_i_Save-To-Directory	Remove
78	...	→	ISA_i_Message-ID	Remove

4.2 IMAP-Move-Email

4.2.1 Overview

Move email from one mailbox folder to another

4.2.2 Input variables

Name	Type	Comments
IME_i_Mail-Server	Text	Name of the mail server
IME_i_Port	Text	Port that you wish to connect to the mail server through
IME_i_Username	Text	Name of the email account
IME_i_Password	Text	Password of the email account
IME_i_Mailbox-Name	Text	Name of the mailbox on the mail server
IME_i_Message-ID	Text	ID on the message, this can be captured using the existing IMAP blocks
IME_i_Move-To-Directory	Text	The mail box folder that the email will be moved to
IME_i_IMAP-Provider-Folder	Text	The path to the IMAP provider folder
IME_i_SSL-Start-Mode	Text	The SSL start mode on the connect, this can take the following values: <ul style="list-style-type: none"> sslAutomatic: If the remote port is set to the standard plaintext port of the protocol (where applicable), the component will behave the same as if SSLStartMode is set to sslExplicit. In all other cases, SSL negotiation will be implicit (sslImplicit) sslImplicit: The SSL negotiation will start immediately after the connection is established

		<ul style="list-style-type: none"> • sslExplicit: The component will first connect in plaintext, and then explicitly start SSL negotiation through a protocol command such as STARTTLS. • sslNone: No SSL negotiation, no SSL security. All communication will be in plaintext mode.
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4.2.3 Output variables

Name	Type	Comments
IME_o_PS-Output	Structure	Output from the PowerShell script

4.2.4 Example

993	...	→	IME_i-Port	Remove
C:\IMAP	...	→	IME_i_IMAP-Provider-Folder	Remove
imap.gmail.com	...	→	IME_i_Mail-Server	Remove
tomrobiquetest@gmail.com	...	→	IME_i_Email	Remove
password	...	→	IME_i_Password	Remove
Inbox	...	→	IME_i_Mailbox-Name	Remove
TestBox	...	→	IME_i_Move-To-Mailbox	Remove
sslAutomatic	...	→	IME_i_SSL-Start-Mode	Remove
82	...	→	IME_i_Message-ID	Remove