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# IAG Mirth Extension Deployment Guide

VERSION 1.0

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## Revision History

Document Version #	Revision Date	Prepared By	Approved By	Approval Date	Summary of Changes
1.0	01-07-2020	Akshaya Subramanian	Gaurav Chonkar	26-08-2020	First Version



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# 1 Purpose

This document provides guidelines to import the GIT Plugin for Mirth Connect.



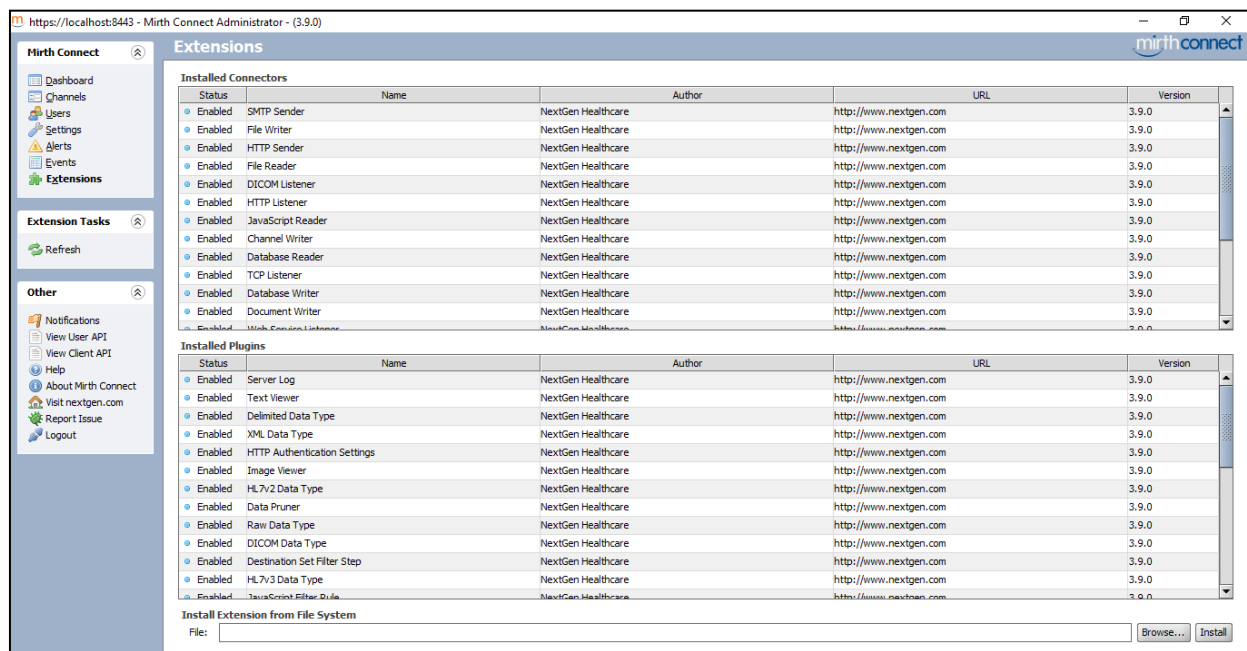
## 2 Deployment Requirements

The following sections enlists the pre-requisites for the deployment:

### 2.1 Server Requirements

The GIT Mirth Extension is primarily a zip file that will get imported using the Mirth UI for Extensions.

The process to install the extension is similar to the other commercial extensions made available by Mirth Connect. Mirth User Guide can be referred for installation/uninstallation of the extension.



### 2.2 Installation Pre-requisites

This section refers to the pre-requisites that would be required for the installation of the extension:

- Ensure GIT repository is available to connect to
- Ensure users have commit and push permissions to the GIT repository
- Ensure user has Mirth administration rights to be able to restart Mirth service, post import of the ZIP file
- The trusted certificate needs to be installed in the system's trust store

### 2.3 Client Environment Requirements

There is no specific requirements as this would reside in the Mirth Connect set up.

### 2.4 Deployment User Requirements

- The user needs to be a Mirth system administrator for installation and import of the ZIP file
- The user needs to import the certificate shared along with the ZIP file







## 3 Deployment Steps

Download the Mirth Extension zip from

<https://github.com/SalmanCitiustech/Mirth-Connect-Extension---GIT/tree/GitPluginZip>

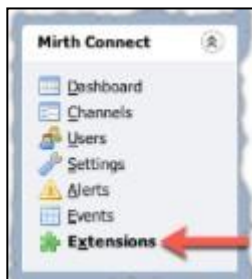
### 3.1 Verifying the Contents of the ZIP File

The GIT plugin ZIP file would consist of the following:

Name	Type
 gitplugin-client	Executable Jar File
 gitplugin-server	Executable Jar File
 gitplugin-shared	Executable Jar File
 plugin	XML Document

### 3.2 Installing the Extension

1. Launch the Mirth Connect administrator and login to the Mirth UI.
2. Click **Extensions** on the task pane at the upper left:



Extensions section is separated into the following categories:

- Installed Connectors
- Installed Plugins
- Installing Extensions from file system



## ➤ Extension Tasks

The screenshot shows the Mirth Connect Administrator interface at the URL `https://localhost:8443 - Mirth Connect Administrator - (3.9.0)`. The left sidebar contains navigation links: Dashboard, Channels, Users, Settings, Alerts, Events, Extensions, Extension Tasks (with a Refresh button), and Other (with links for Notifications, View User API, View Client API, Help, About Mirth Connect, Visit nextgen.com, Report Issue, and Logout). The main content area is titled 'Extensions' and is divided into two sections: 'Installed Connectors' and 'Installed Plugins'. Both sections contain a table with columns for Status, Name, Author, URL, and Version. The 'Installed Connectors' table lists 15 connectors, all with a status of 'Enabled' and a version of '3.9.0'. The 'Installed Plugins' table lists 15 plugins, all with a status of 'Enabled' and a version of '3.9.0'. At the bottom of the page, there is a section titled 'Install Extension from File System' with a 'File:' input field and 'Browse...' and 'Install' buttons.

3. Navigate to the **Install Extension from File System** at the bottom of the screen:

This image is a close-up of the 'Install Extension from File System' section. It shows a text input field labeled 'File:' which is currently empty. To the right of the input field are two buttons: 'Browse...' and 'Install'.

4. Click **Browse** and select the **GITPlugin.zip** file from the respective folder:

This image is a close-up of the 'Install Extension from File System' section. The 'File:' input field now contains the path `C:\Content\gitplugin.zip`. The 'Browse...' and 'Install' buttons remain to the right of the input field.

5. Click **Install**. The user gets a notification to restart the server:

The Mirth Connect Server and Administrator must be restarted before your changes will take effect.

Install Extension from File System

File:

- Restart the NextGen Connect Integration Engine server and launch the Mirth Connect Administrator. The user will be able to see the new extension listed in the Installed Plugins table.





## Appendix

### Licenses

The Software may contain third party software which requires notices and/or additional terms, conditions and licenses. Such required third party software notices and/or additional terms, conditions and licenses can be located [here](#).



### 3.3 Annexure

#### Deployment Checklist:

This section provides the template for maintaining the details for each environment mentioned in section [2.1](#) (Separate row to be created for each environment).

Sr No	Client Name	Environment	Machine Name (IP Address)	Processor	# of Cores	Operating System	RAM	Total Hard Disk Space	Third Party Software Deployed	Solution Component Deployed