Mule File, FTP, SFTP

Fila zilla is used to connect to SFTP server by using Host, port, username, pwd.
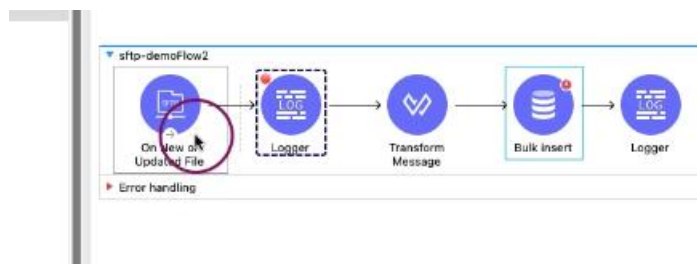
FILE: it is used for local

FTP: FTP (File Transfer Protocol) server is software that allows clients to send and receive files from a server using the File Transfer Protocol.

SFTP: SFTP server is a system that facilitates secure file transfers using the Secure File Transfer Protocol (SFTP). It acts as an endpoint for storing and managing files, and handles authentication, downloading, and uploading files between a client and the server.

* FTP has no security and SFTP has security, encrypt.

how it use:

1. SFTP server clinet(File Zilla), has connect to SFTP Server and local computer.
2. we can drag and drop files directly through File Zilla software.
3. in SFTP we create folder like: new, processed, upload
4. we drag file from local to new folder in SFTP server, this file is called through flow and covert from csv to Json and we can put in DB.
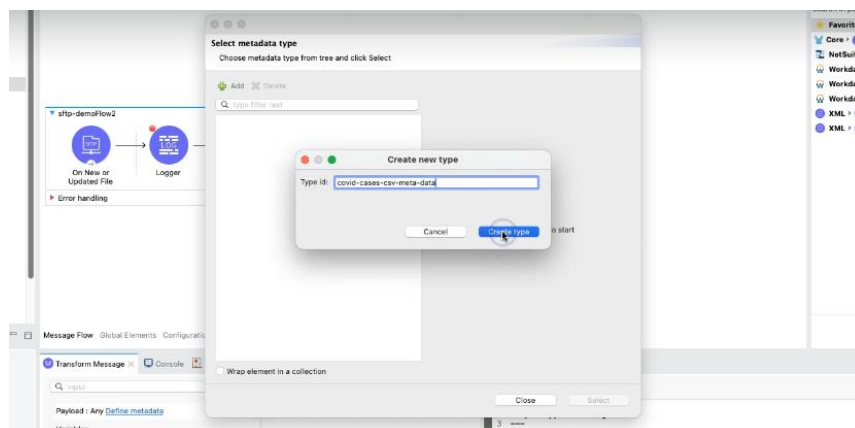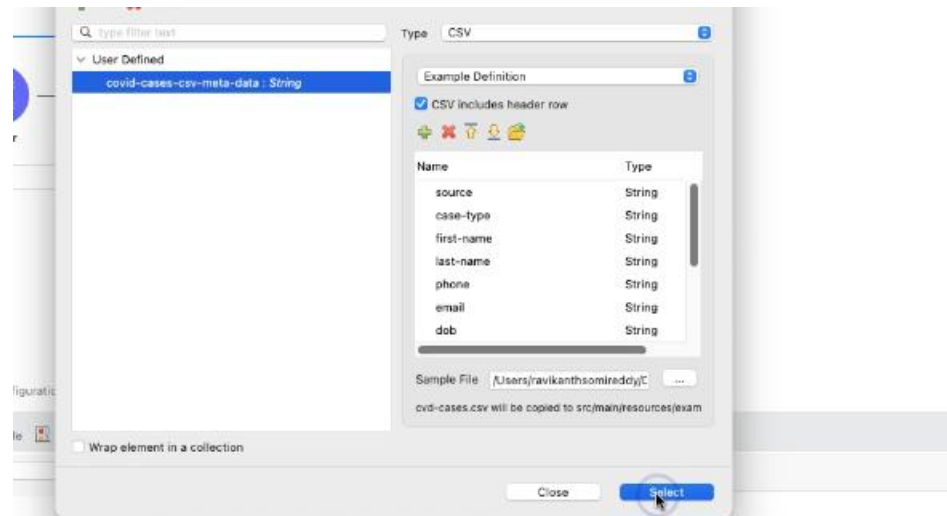

>> Need to configure
>>>> Here once the file is goes through flow, we can move the file from New folder to Proccessed Folder (optional).

Transform csv data to Json object:

1. get transform message connector
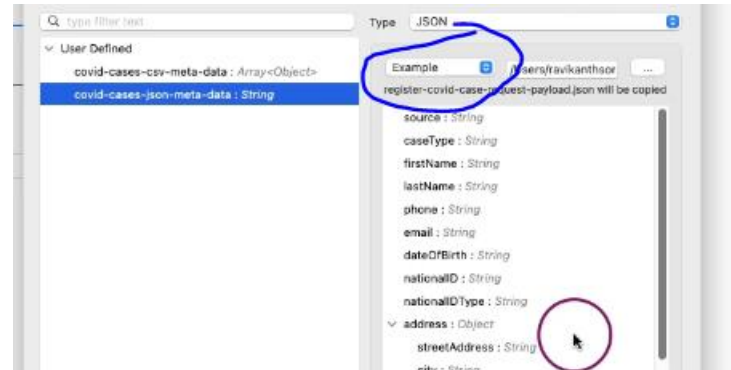2. click on Define metadata > add >

3. Choose Type -- csv
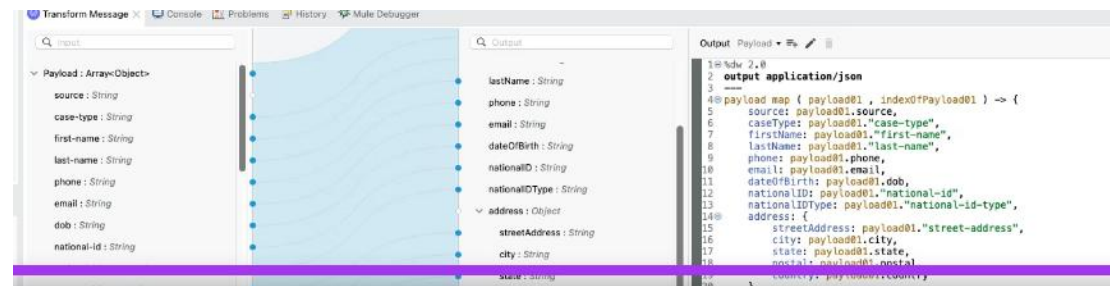4. Simple file -- browse the file

>> This is inbound metadata, now we need to set outbound metadata.

1. click on rightside Define metadata > add >
2. Choose Type -- Json
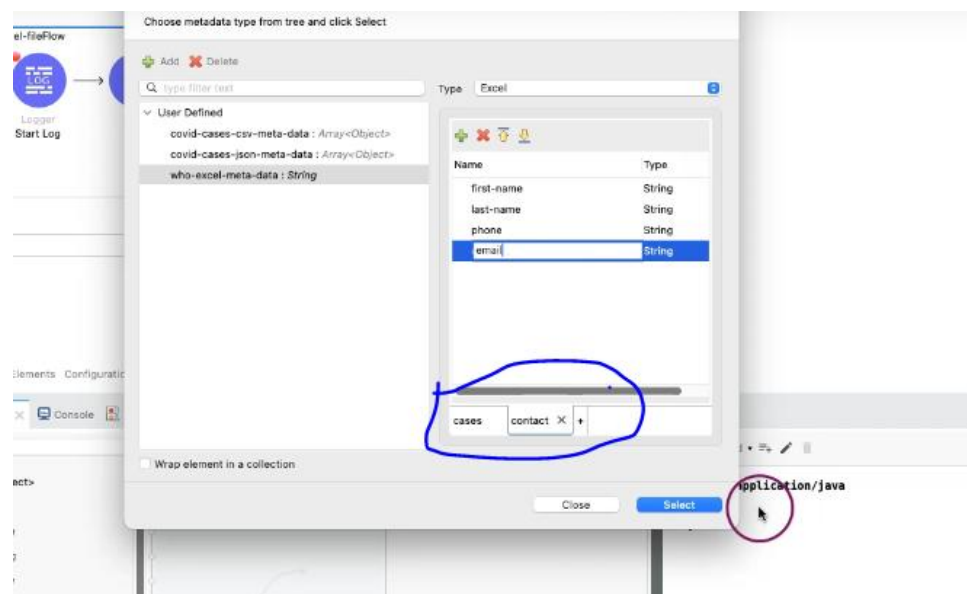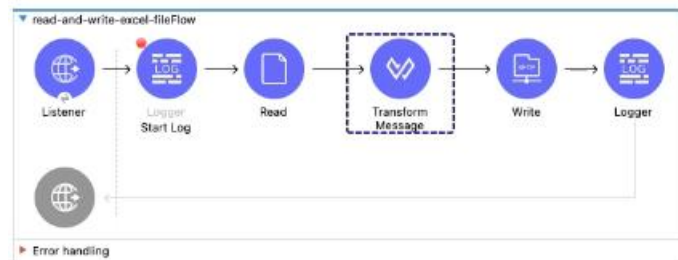3. Example --- Give a sample Json file
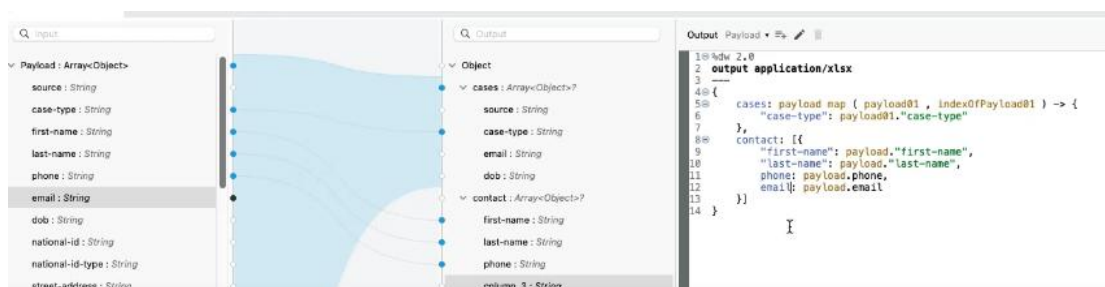

>>> then do the mapping

Use-Case:

Extract csv(comma seperated file) data from local and transform it to excel and upload into SFTP server.

Here we have 2 sheets because, we want to separate the details into 2 sheets. One is cases and other is contact details of patients
>> then map them.

>> write (save) the file in SFTP Server upload folder.