M.A.C. SOLUTIONS

PROCESSVUE

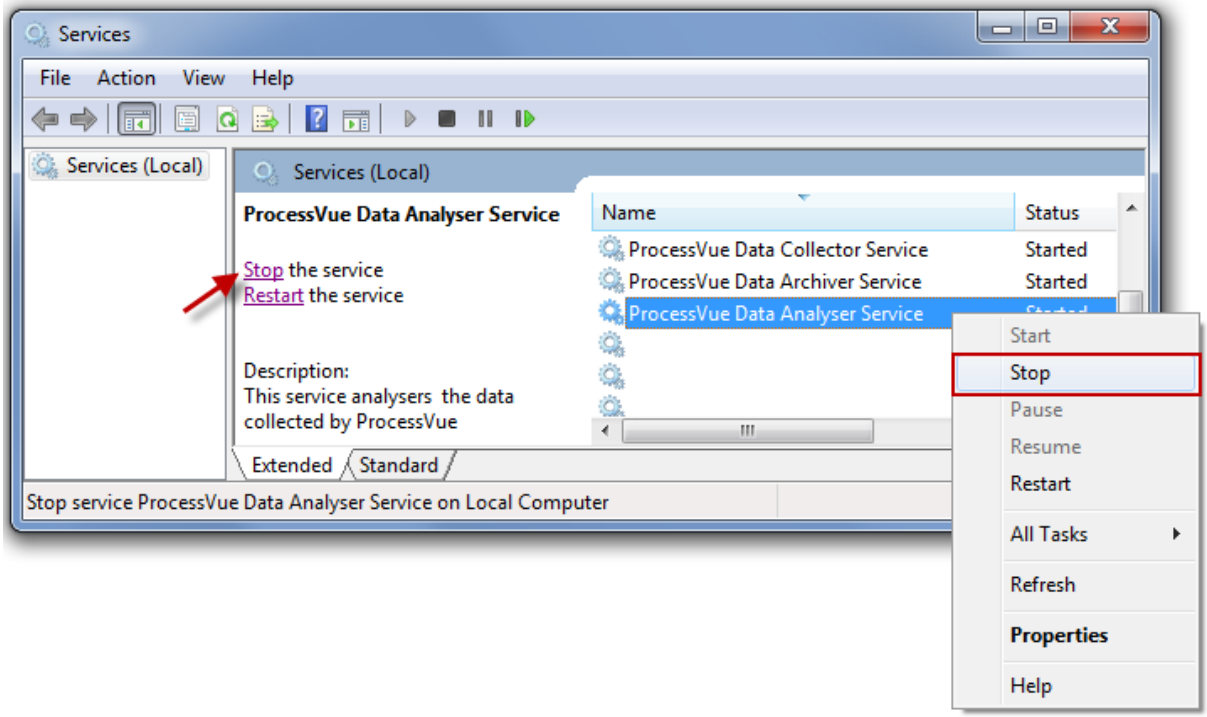
How to build Master Event Tables

Abstract

Building Master Event tables from RAW

This document is designed to show how to configure Data Archiver .ini files to rebuild the Master Event Tables from the RAW tables. For example, this document will show how to configure Collector 1/ Connector 1 input to rebuild from RAW as follows:

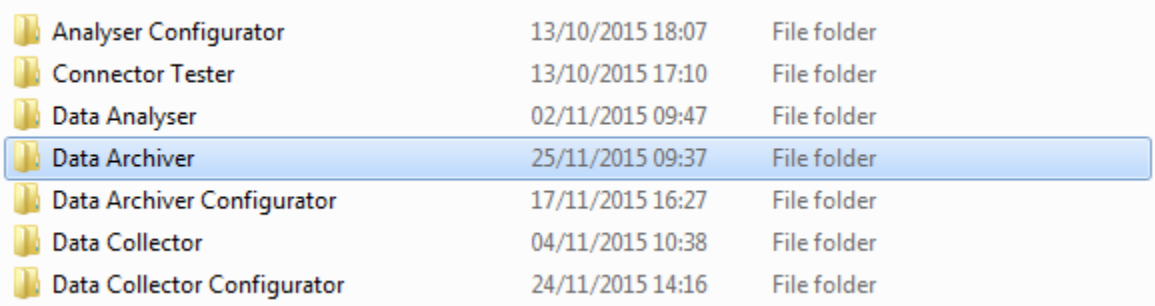
1. Stop The ProcessVue Data Archiver Service and the ProcessVue Analyser Service if available.
   a. Go to the system's services:
      Start Menu -> Control Panel -> System and Security -> Administrative Tools -> Services
   b. Start by stopping the ProcessVue Data Analyser Service, find the service in the list and right click on and select '**Stop**' or select it and use the '**Stop**' link to the left



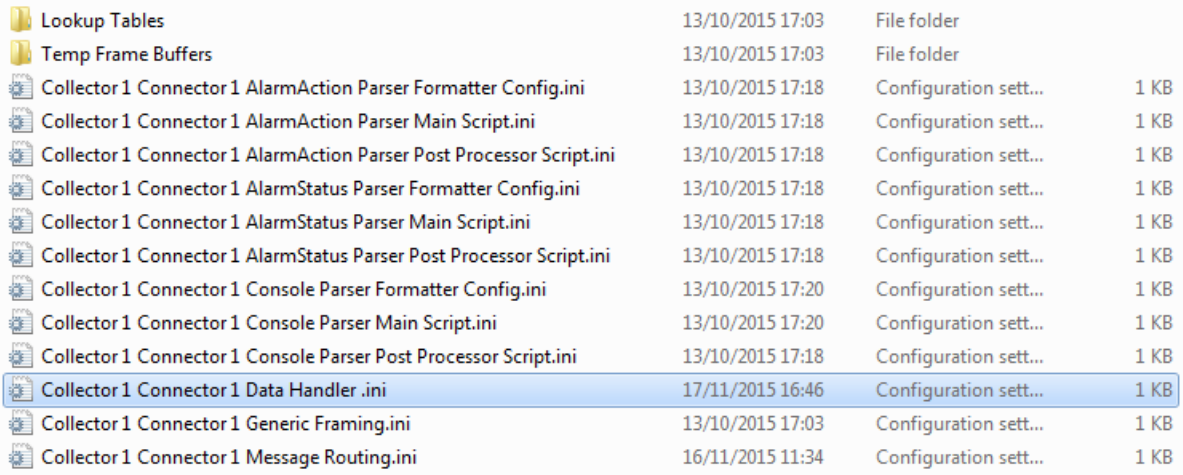
   c. Repeat Step 1.b to stop the ProcessVue Data Archiver Service as well.

2. Go to the ProcessVue folder within the ProcessVue User's AppCode folder:
   C:\Users\[ProcessVue Windows User]\AppData\Local\MAC Solutions UK\ProcessVue

3. Open the Data Archiver Folder

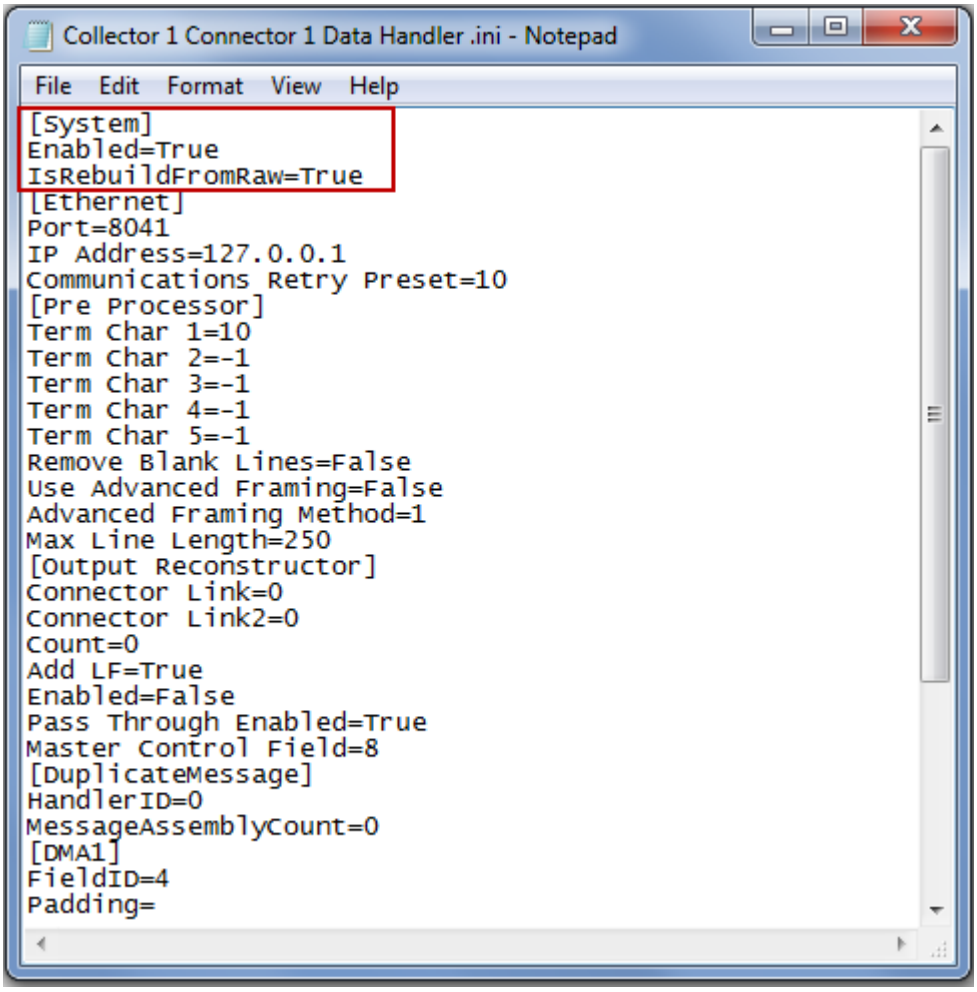


4. Within the Data Archiver folder, find the '**Collector 1 Connector 1 Data Handler .ini**' file and open it using Notepad or Notepad++



Lookup Tables	13/10/2015 17:03	File folder	
Temp Frame Buffers	13/10/2015 17:03	File folder	
Collector 1 Connector 1 AlarmAction Parser Formatter Config.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 AlarmAction Parser Main Script.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 AlarmAction Parser Post Processor Script.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 AlarmStatus Parser Formatter Config.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 AlarmStatus Parser Main Script.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 AlarmStatus Parser Post Processor Script.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 Console Parser Formatter Config.ini	13/10/2015 17:20	Configuration sett...	1 KB
Collector 1 Connector 1 Console Parser Main Script.ini	13/10/2015 17:20	Configuration sett...	1 KB
Collector 1 Connector 1 Console Parser Post Processor Script.ini	13/10/2015 17:18	Configuration sett...	1 KB
Collector 1 Connector 1 Data Handler .ini	17/11/2015 16:46	Configuration sett...	1 KB
Collector 1 Connector 1 Generic Framing.ini	13/10/2015 17:03	Configuration sett...	1 KB
Collector 1 Connector 1 Message Routing.ini	16/11/2015 11:34	Configuration sett...	1 KB

5. Add '**IsRebuildFromRaw=True**' line underneath the [System] section:



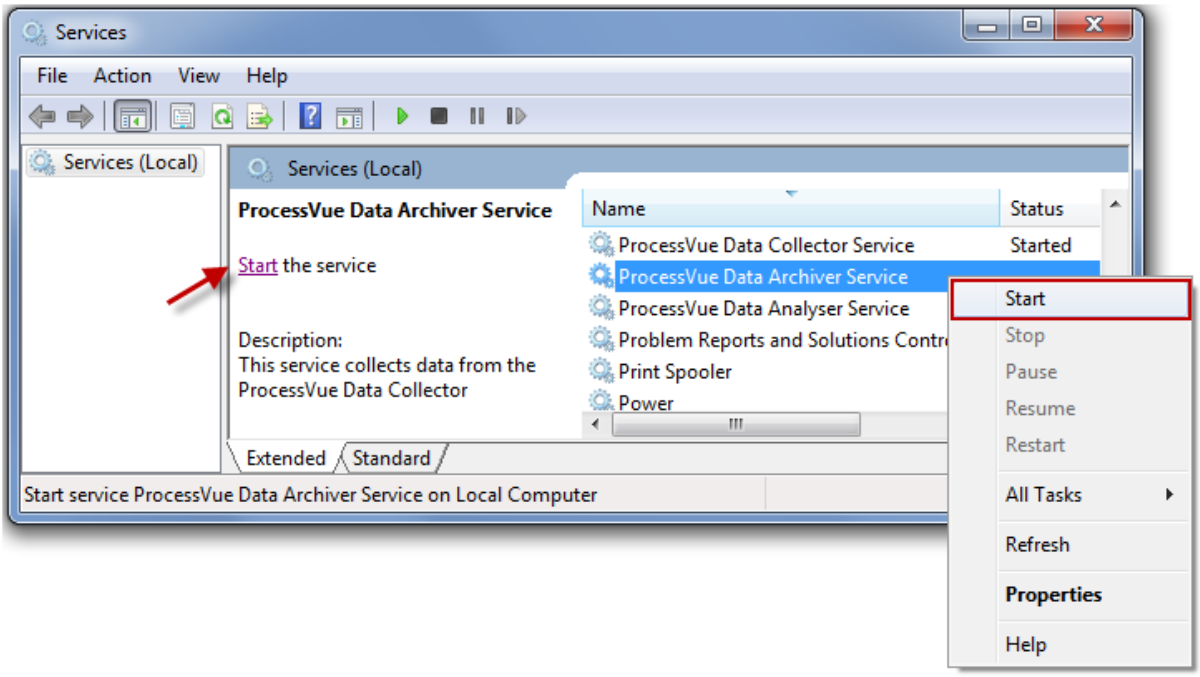
```
[System]
Enabled=True
IsRebuildFromRaw=True
[Ethernet]
Port=8041
IP Address=127.0.0.1
Communications Retry Preset=10
[Pre Processor]
Term Char 1=10
Term Char 2=-1
Term Char 3=-1
Term Char 4=-1
Term Char 5=-1
Remove Blank Lines=False
Use Advanced Framing=False
Advanced Framing Method=1
Max Line Length=250
[Output Reconstructor]
Connector Link=0
Connector Link2=0
Count=0
Add LF=True
Enabled=False
Pass Through Enabled=True
Master Control Field=8
[DuplicateMessage]
HandlerID=0
MessageAssemblyCount=0
[DMA1]
FieldID=4
Padding=
```

6. Save the document and close it.
7. Repeat Step 4-6 for any other Connectors by finding the connector's file, e.g. '**Collector 1 Connector 2 Data Handler .ini**', '**Collector 1 Connector 3 Data Handler .ini**', etc. Make sure you are selected the right files especially if more than one collector is used.

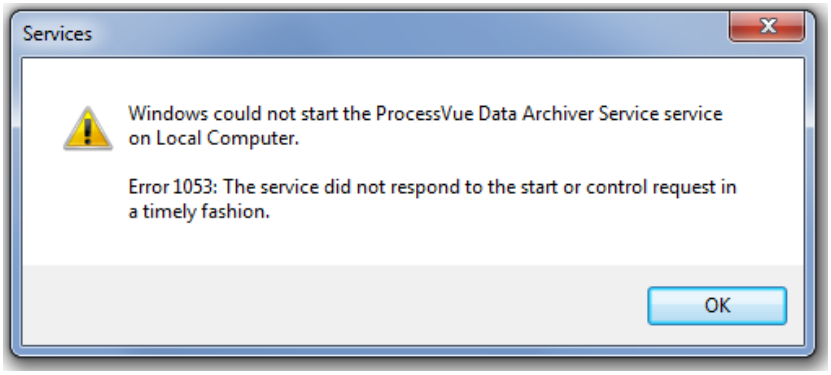
8. Finally, Start the ProcessVue Data Archiver and Data Analyser Services, go to the system's services:

Start Menu -> Control Panel -> System and Security -> Administrative Tools -> Services

a. Start by starting the ProcessVue Data Archiver Service, find the service in the list and right click on and select '**Start**' or select it and use the '**Start**' link to the left



Note: Windows will give the service some time to start and if the service is taking longer than the allotted time, which might when Data Archiver is rebuilding the tables from RAW and the following dialog will appear:



This is normal and the service should eventually start after completing the rebuild. You can close the dialog which will not affect the start-up of the service.

b. Once the Data Archiver Service's states change to '**Started**' follow step 9.a to start the ProcessVue Data Analyser.