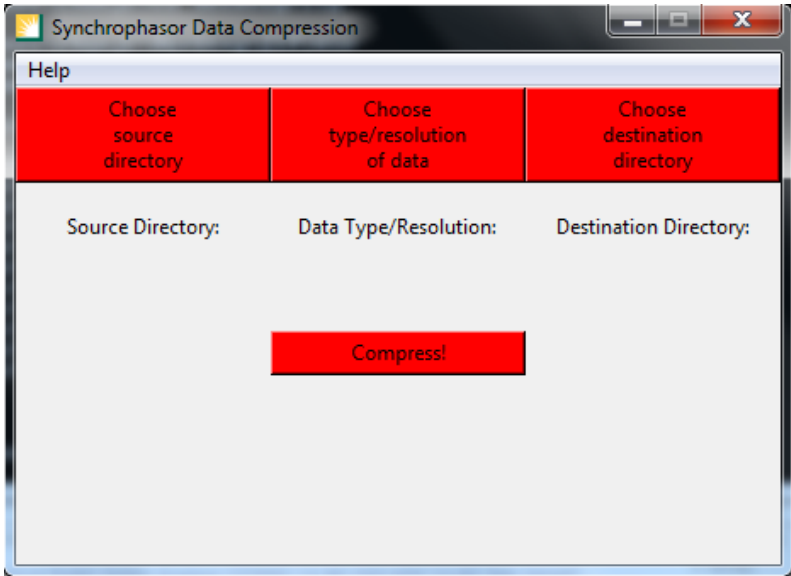


File Compression GUI: Manual

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Updated: August 8, 2017 1:58 PM

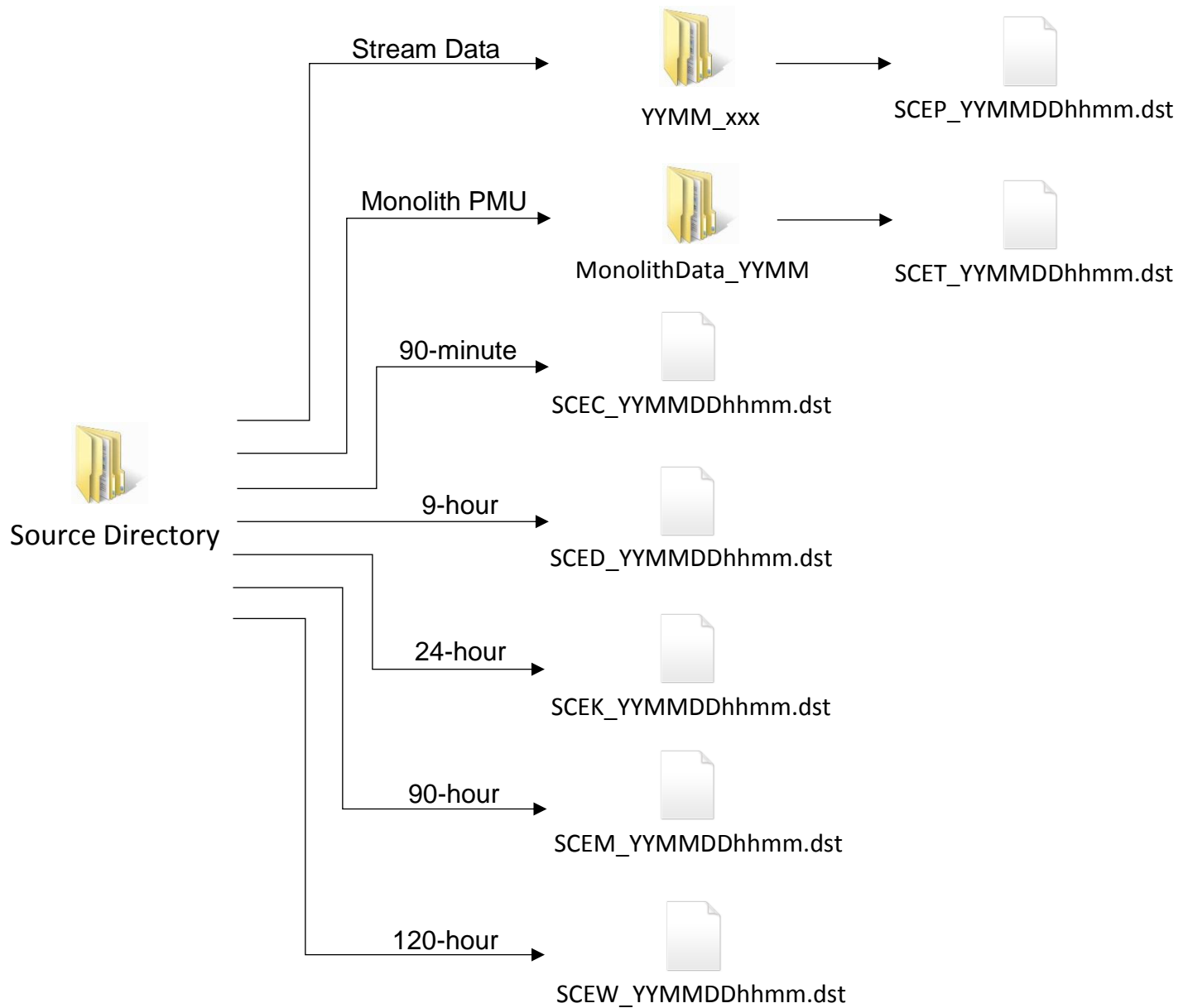
Program Overview



This program was written for compressing Synchrophasor Data (.dst files). This program supports compression of the following types of files:

- 90-minute files (SCEC)
- 9-hour files (SCED)
- 24-hour files (SCEK)
- 90-hour files (SCEM)
- 120-hour files (SCEW)
- Stream Data files (SCEP)
- Monolith PMU files (SCET)

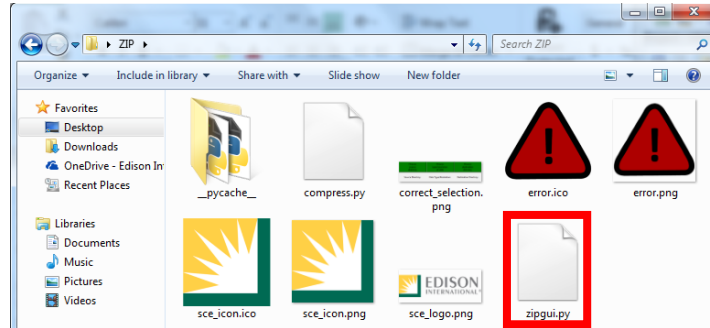
Please see below for assumptions made by this program regarding file structure (xxx = 3 letter abbreviation of the month):



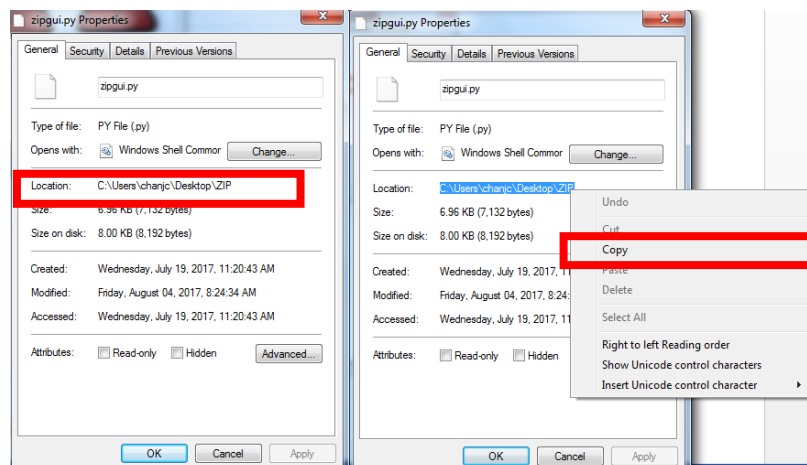
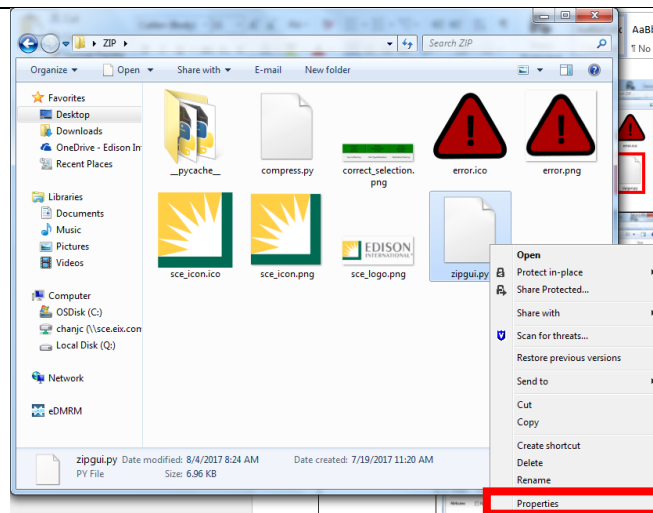
How to Run the Program

(IMPORTANT: User must have Python 3.6 installed and added to the system PATH environment variable. If Python installed using the Anaconda distribution, everything should work smoothly.)

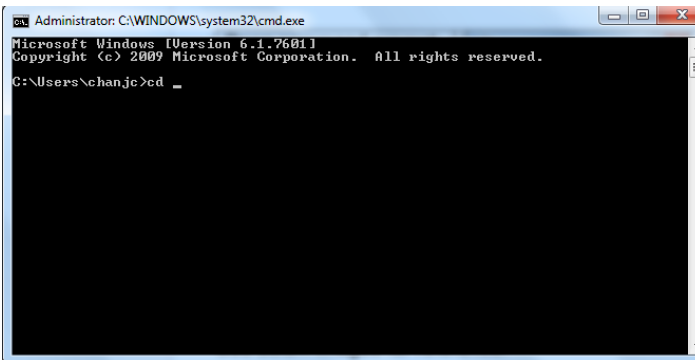
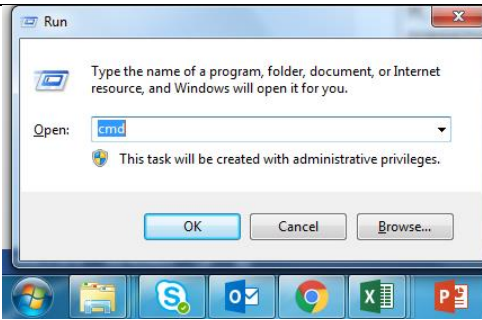
Locate the file called
zipgui.py



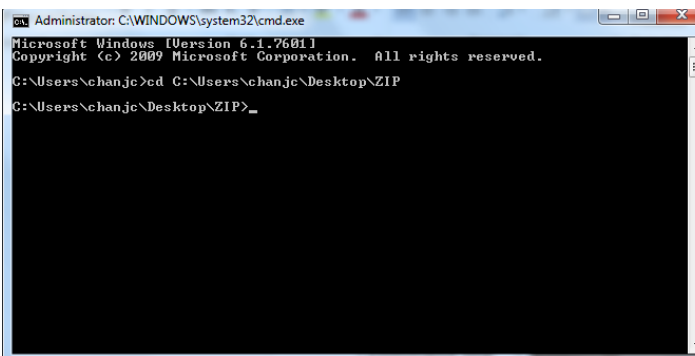
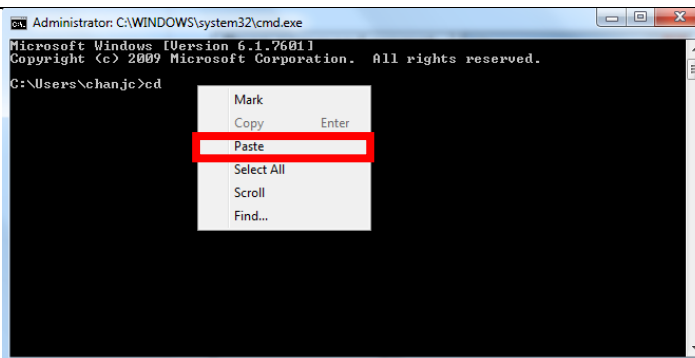
Right-click the file →
Properties → General →
Location → Copy the
entire path



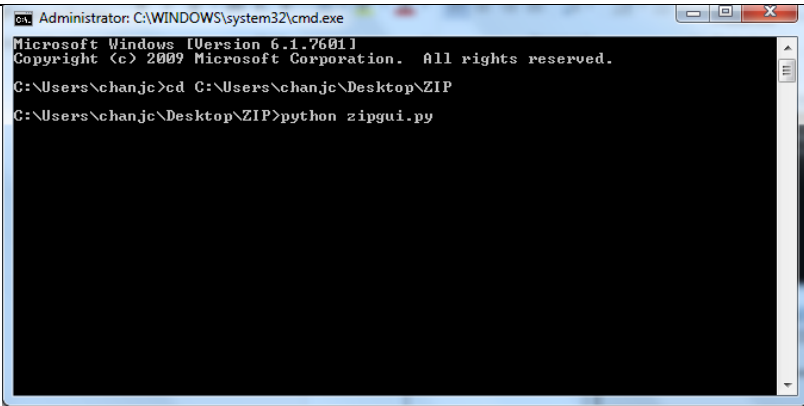
Open command prompt by pressing Windows + R, typing “cmd”, and pressing Enter



On the command line, type “cd “ and then Right-click → Paste to paste the entire path of the *zipgui.py* file



On the command line,
type “python zipgui.py”
and the GUI will start up



```
Administrator: C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\chanjc>cd C:\Users\chanjc\Desktop\ZIP
C:\Users\chanjc\Desktop\ZIP>python zipgui.py
```

