PingMonitor Feb 2021. By Tim Watkins

PingMonitor as its described is exactly that, designed in a spreadsheet style with as yet completed Email notification function for out of hours email notification if an address is unreachable after a predetermined number of pings are missed.

It includes an adjustable Timer for Ping intervals in seconds.
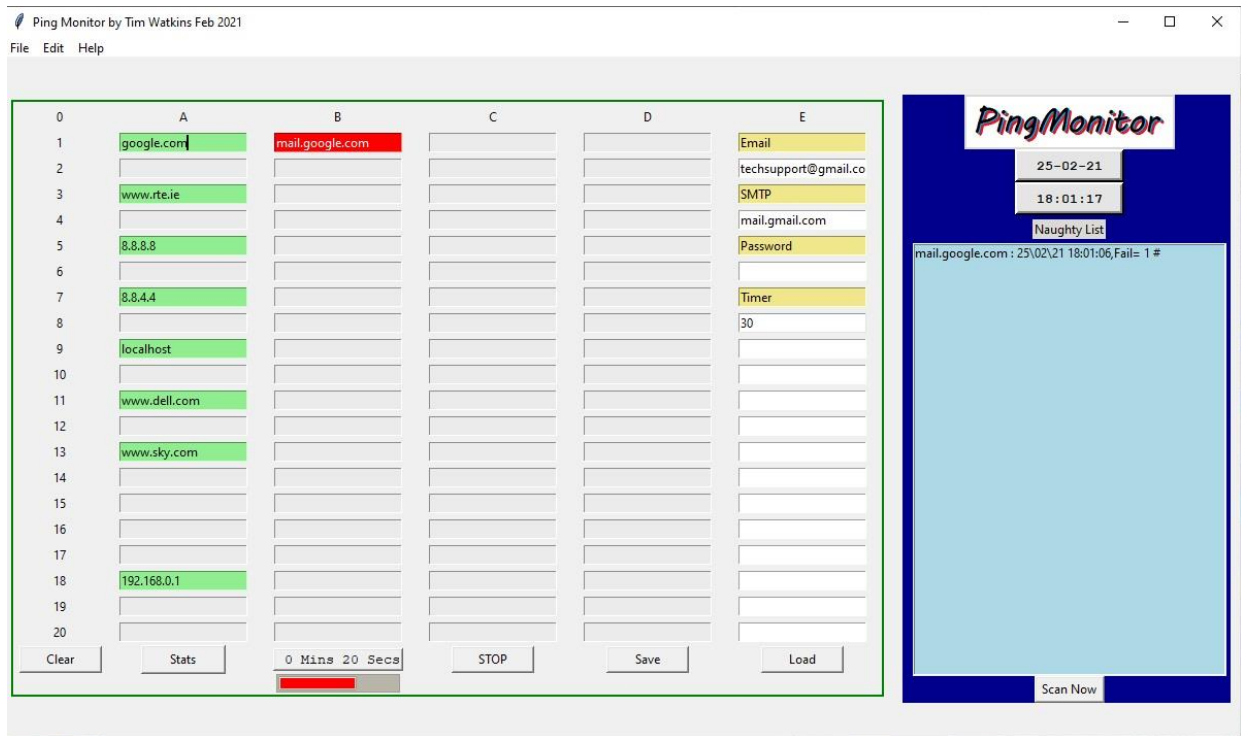

Monitor contains 80 cells for entering IP addresses or Pingable Devices or Domains.

Save command button to store all IP or Domain Names and Email Address, Ping Timer period.

	0	A	B	C	D	E
1		google.com	mail.google.com			Email
2						techsupport@gmail.co
3		www.rte.ie				SMTP
4						mail.gmail.com
5		8.8.8.8				Password
6						
7		8.8.4.4				Timer
8						30
9		localhost				
10						
11		www.dell.com				
12						
13		www.sky.com				
14						
15						
16						
17						
18		192.168.0.1				
19						
20						

Clear   Stats   0 Mins 20 Secs   STOP   Save   Load

PingMonitor
25-02-21
18:01:17
Naughty List

mail.google.com : 25\02\21 18:01:06,Fail= 1 #

Scan Now

Load button to enable reloading of Addresses and Set Timer interval etc. if program crashes or day to day program use.

Ping Monitor by Tim Watkins Feb 2021

File   Edit   Help

	0	A	B	C	D	E
1		google.com	mail.google.com			Email
2						techsupport@gmail.co
3		www.rte.ie				SMTP
4						mail.gmail.com
5		8.8.8.8				Password
6						
7		8.8.4.4				Timer
8						30
9		localhost				
10						
11		www.dell.com				
12						
13		www.sky.com				
14						
15						
16						
17						
18		192.168.0.1				
19						
20						

Clear   Stats   30 Secs   START   Save   Load
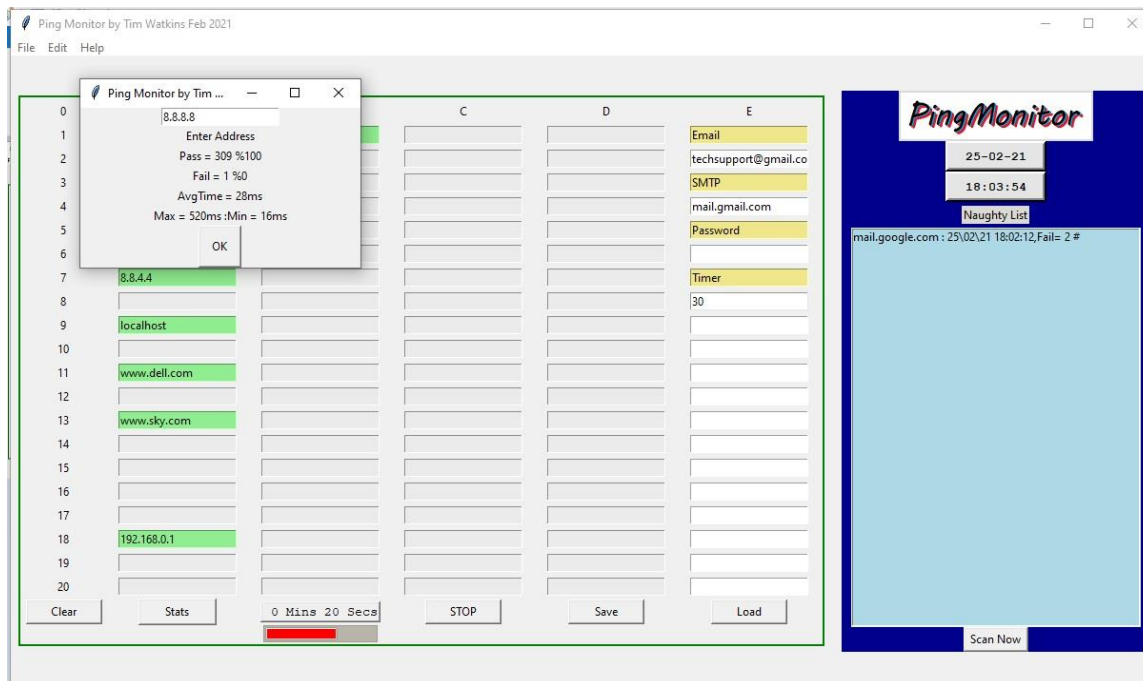
PingMonitor
25-02-21
17:58:18
Naughty List
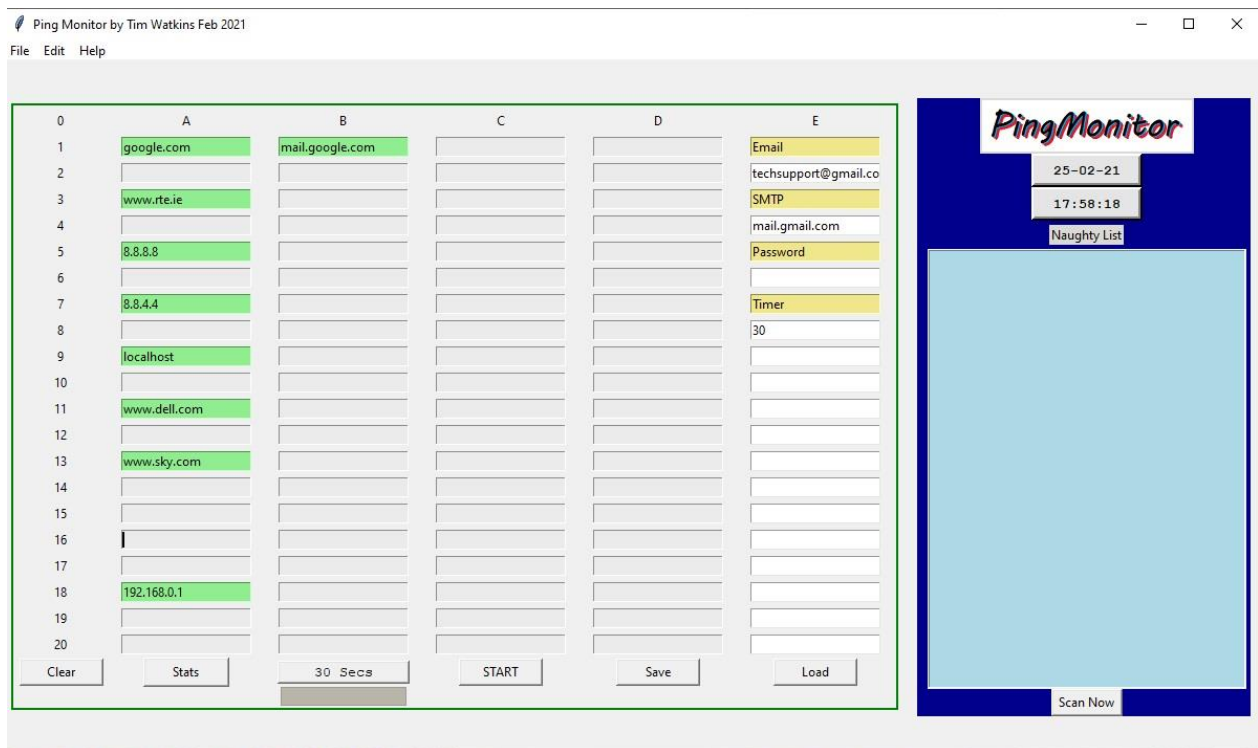
Scan Now

Stats Button to search logged data for individual IP/Names giving successful and Failed ping data as well as Mean return times.
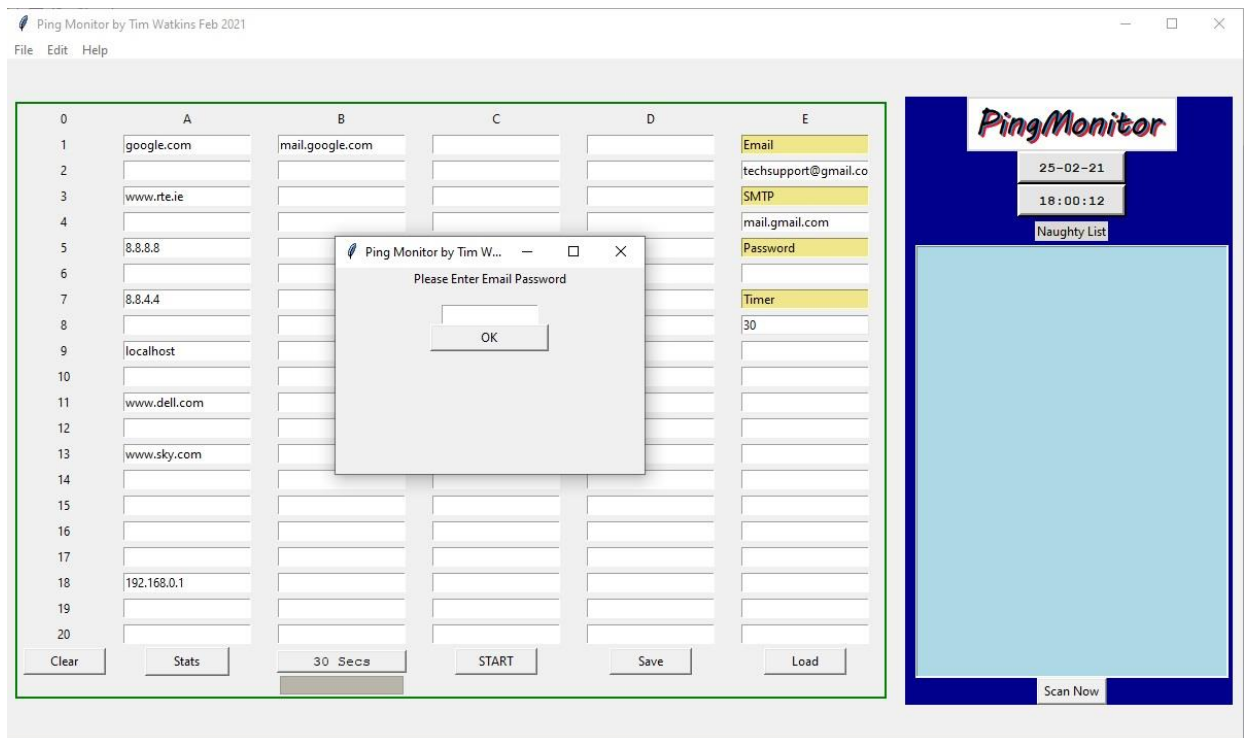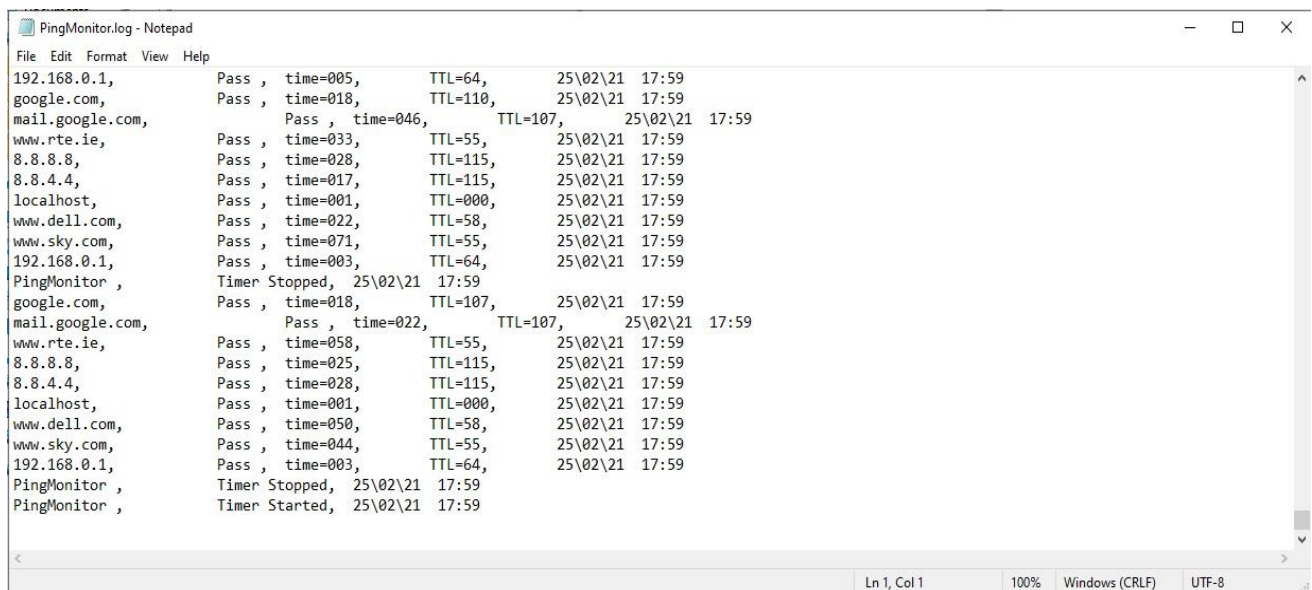

Naughty list that hold the addresses that do not get a reply from the ping.

Below Naughty List is an instant Scan Now button if timer is not running or you don't wish to wait for Timer interval.

Countdown Label and a Progress bar shows how long till next Ping.

Clear Button to Clear the 80 Address cells and the Naughty List.

Both PingMonitor activity and ping results are logged.

Developed and tested in Python 3.9, using the tkinter modules.

Ping Monitor by Tim Watkins Feb 2021

File | Edit | Help

File Menu
Stats
Clear
SAVE
LOAD
Change Interval
START
Exit

A

4

5

Ping Monitor by Tim ... — ☐ ✕

8.8.8.8

Enter Address

Pass = 310 %100

Fail = 1 %0

AvgTime = 28ms

Max = 520ms :Min = 16ms

OK