SHADOW TESTER v1.0

User's Guide

ShadowTester is a program that lets you take screenshots automatically and generate a video of several processes that must be specified.

The program consists of 5 files that must be located in the same directory of your computer. These files are:

1. shadowtestercli.exe

2. ShadowTesterDomain.dll

3. ShadowTesterUtil.dll

4. CommandLine.dll

5. ffmpeg.exe

Once this is done, you must open the Console so you can run the program:

Start – Run – cmd

Now we type 'cd' followed by the name of the directory where we saved the program files.

```
C:\>cd C:\shadowtester

C:\shadowtester>_
```

To start you should type 'shadowtestercli' or 'shadowtestercli --help'. You will see the syntax you have to use to run the program correctly.

```
C:\shadowtester>shadowtestercli.exe --help
SINTAX:
--------------------------------------------------------------------
shadowtestercli.exe --name=name --path=path --fps=fps --processes="process1,proc
ess2..."

OPTION          DESCRIPTION
--------------------------------------------------------------------
--name          The name of the record
--path          The path where the record is saved
--fps           Frequency of capture. Frames per second
--processes     A list of processes to record separated by a comma
```

As you can see in the image above the correct syntax is:

shadowtestercli --name=name –path=path –fps=fps --processes="process1, process2, processN"

- *name:* The name of the record.

- *path:* The path where the record is saved

- *fps:* Frequency of capture. Frames per second.

- *processes:* A list of processes to record separated by a comma

According to the syntax, this is an example of a correct command to run the program:
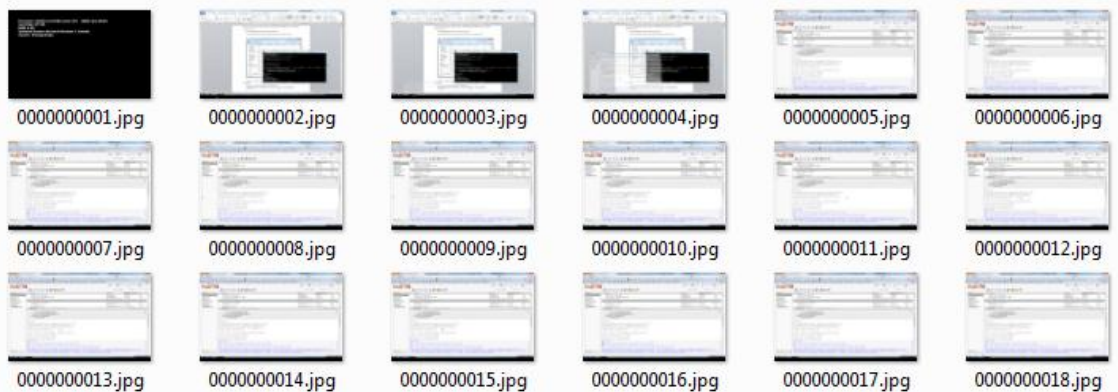
shadowtestercli --name="record01" –path="../record01" –fps=12 --processes="firefox, iexplore"

```
C:\shadowtester>shadowtestercli.exe --name="record01" --path="./record01" --fps=
12 --processes="firefox,iexplore"
+----------------------------------------------------+
¦     SHADOWTESTER COMMAND LINE INTERFACE     ¦
+----------------------------------------------------+
Recording...

Actions:
1. Add Process
2. Remove Process
3. Current Processes
4. Stop Recording
Choose an option (introduce a number):
```

The program has started taking screenshots. From this moment on, it will take screenshots every time the specified processes (iexplore and firefox) are in the foreground window. The screenshots will be saved in a directory called 'record01' in the current path (C:\shadowtester).

You can check that all the screenshots have been taken and saved correctly.

You can add and remove processes while the program is working as you can see in the images below:

```
Actions:
1. Add Process
2. Remove Process
3. Current Processes
4. Stop Recording
Choose an option (introduce a number): 1

Adding a process...
Process name (not empty): explorer
Process added
```

```
Actions:
1. Add Process
2. Remove Process
3. Current Processes
4. Stop Recording
Choose an option (introduce a number): 2

Removing a process...
Process name (not empty): explorer
Process removed
```

And you can see the processes that are being recorded:

```
Actions:
1. Add Process
2. Remove Process
3. Current Processes
4. Stop Recording
Choose an option (introduce a number): 3

firefox
iexplore
```

Finally, stop recording and the video will be automatically created:

```
Actions:
1. Add Process
2. Remove Process
3. Current Processes
4. Stop Recording
Choose an option (introduce a number): 4

Recording the video...
The video was successfully created
```

You can check that the video has been saved:

0000000037.jpg   0000000038.jpg   0000000039.jpg   0000000040.jpg   0000000041.jpg   0000000042.jpg

record01.avi