

Instructions for benchmarking ViBe on a single channel (luminance only)

Benchmarking

All the frames are acquired, stored in memory, and then ViBe is applied (this avoids counting I/O operations).

Windows users

1. Run the benchmark on the provided "seq-320-240.avi" video file.
Click on the "CLICK_ON_ME_TO_RUN_STANDARD_BENCHMARK.bat" file
2. Run ViBe on your own video file.
Drag and drop your video file on the
"DRAG_AND_DROP_YOUR_VIDEO_FILE_ON_ME.bat" file
3. Benchmark ViBe on your own video file.
Drag and drop your video file on the
"DRAG_AND_DROP_YOUR_VIDEO_FILE_ON_ME_FOR_BENCHMARKING.bat" file

Linux users

The program work perfectly under wine. [do "chmod a+x *.exe" before]

- 1) ViBe applied on the luminance of the video stream.

```
> vibe-gui-ffmpeg-sdl.exe input=seq-320-240.avi
```

- 2) Benchmarking ViBe on your machine. Same as 1), but no display. All frames are acquired, stored into memory, and only the processing time of ViBe is computed.

```
> vibe-ffmpeg-bench.exe input=seq-320-240.avi
```

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Please note that ViBe is a patented technology owned by the University of Liège, Belgium. Any commercial usage is strictly prohibited.

See <http://www.motiondetection.org/> for more details.