|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| C | C++ | C# | Erlang | Java | J# |
| MSVC++ 14.0 | MSVC++ 14.0 | CLR 19.00 | ERTS/BEAM 8.0 | JVM 1.8 | CLR 14.00 |
| 00h 02m 14,68s | 00h 01m 41,18s | 00h 04m 13,24s | 00h 59m 45,30s | 00h 01m 47,89s | 00h 06m 14,62s |
| **Out of global stack** |  |  |  |  |  |
| Prolog | Python 2.7 | Python 2.7 | Python 2.7 | Python 2.7 | Python 3.5 |
| SWI-Prolog 7.2.3 | CPython (Anaconda 4.1.12) | CPython (Canopy 1.5.2) | IronPython 2.7.6 | PyPy 5.6.0 | CPython (Anaconda 4.1.12) |
| / | 08h 24m 40,88s | 08h 35m 03,19s | 06h 32m 11,48s | 00h 20m 47,33s | 09h 37m 05,13s |
|  |  |  |  |  |  |
| Python 2.7 + NumPy | Python 2.5 + NumPy | Python 3.5 + NumPy | Racket | C++ + OpenMP | CUDA |
| CPython (Anaconda 4.1.12) | CPython (Canopy 1.5.2) | CPython (Anaconda 4.1.12) | DrRacket 6.6 | MSVC++ 14.0 | MSVC++ 14.0/NVCC 8.0 |
| 09h 58m 25,18s | 10h 43m 04,10s | 10h 20m 46,47s | 00h 49m 39,43s | 00h 00m 30,68s | 00h 00m 08,60s |
|  |  |  |  |  |  |
| single process/single thread |  | © Matthias Moulin | | Resolution: 1024x768 |  |
| multi process/multi thread |  |  |  | Samples per pixel: 64 |  |
|  |  |  |  | Ray depth: stochastic via RR |  |