

Re: new to programming in Linux

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.development.apps/2004-06/0535.html>

From: bob holder (*holder25A@hotmail.com*)

Date: 06/18/04

Date: Fri, 18 Jun 2004 14:48:27 GMT

"Roger Leigh" <{roger}@whinlatter.uklinux.net.invalid> wrote in message news:5k5bq1-a8f.ln1@system10.lan.epictechnology.co.uk...

> *On 2004-06-18, Pasi Parviainen <pasi.parviainen@mirasys.fi> wrote:*

>>

>>

>> *Roger Leigh wrote:*

>>

>>> *On 2004-06-16, Tim <not@likely.com> wrote:*

>>>

>>>> *Java seems attractive, probably because I've heard of it. Is it possible to*

>>>> *write good, fast programs in Java?*

>>>

>>> *"Fast" and Java don't generally go together. I've only dabbled a*

>>> *little, but even the simplest interfaces (dialog with a close button)*

>>> *were slow.*

>

>> *People should really look the numbers and forget old mantra "Java is slow."*

>

> *If my own experience shows it to perform like a dog, why should other*

> *peoples measurements make it better? That won't make it work for me,*

> *will it?*

>

> *The test program was three dialogs: two which were simple entries to*

> *enter numbers, and one to display a result (the two numbers multiplied*

> *together). So each dialog was either a label or entry, plus an OK*

> *button. Each dialog took 2-3 second to display. That's unacceptable:*

> *if this was GTK+, it would be nearly instantaneous.*

>

> *If it's that bad for a trivial dialog, I can't bear to think about how*

> *bad a real application will be. (Those I have seen did not perform*

> *well.)*

>

>> *Take pointers (for example) from here:*

>> *<http://www.idiom.com/~zilla/Computer/javaCbenchmark.html>*

>

> *Benchmarks are useless. Sure, under some workloads, it's OK. But the*
> *performance of Swing was laughable.*
>
> *Some of those benchmarks show Java can be OK. But that wasn't my point.*
> *My point was that Swing was so slow as to be barely usable. I tested*
> *on both Windows and Linux.*
>
>> *The SunONE IDE was completely unusable on my PIII 900MHz*
>> *laptop.*
>> *Memory, eh? The most significant thing for Java slowness is short of*
>> *system memory.*
>
> *256 MiB core and 512 MiB swap should be enough for one program! This*
> *was on a Windows machine, BTW. That is more than average, and if it*
> *can't run in that much, that's not acceptable.*
>
> --
> *Roger Leigh*

I run Eclipse 3.0 on my 2.8 GHz dual xeon with 2GB memory. While it is "usable" I shudder to think about using a lesser platform. Running native apps like kdevelop and designer, things zip right along. If the original poster is looking for a nice IDE environment I can recommend Eclipse, but be prepared to cough up the hardware. I am using it for both java and c++ work. I have not tried the gui builder plugin so for building dialogs so I cannot testify about the performance. I recommend learning about the linux api to get a handle on the basics of linux programming, and then move up the food chain to an IDE style tool. Once there you will have a better understanding of things when they go wrong and all you get is some IDE pretty dialog box telling you "something bad happened". Good luck.
bob