

Re: Robots and astronomy

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Here is the question. I wrote a Windows OS on my own. I experimented with all the features of a PC, such as writing programs for it's beep interface to alternate sounds and generate sounds. The sound was just a tone that one could turn on and off and produce simple sounds for computer games at the time. Old PC sounds. But this built in micro sound speaker couldn'ty play music and was very

Re: Robots and astronomy

primitive
and was
merely able
to produce
sounds for a
PacMan. No
MP3 was
around. So
the question
is, would I
write a
music
player today
with
this
Windows
and include
it as a
music/multimedia
player?

The answer
is yes. I was
fascinated
about all
features of a
computer
and wrote
such
programs. I
had a
calculator,
editor (Not
Word), but
all the
things of the
time, font
generator
for printing,
hundreds of
tools that
people don't
see that
come with a
Windows
OS. My aim
was to
sparkle
programs

Re: Robots and astronomy

running in
this
interface,
and of
course
had 3D
buttons that
were so
cool at the
time.
Sparkle was
important.
Programs
needed
juice in
appearance.
All the
latest 3D
gadgets,
screen saver
that was
creating
wows,
effects that
Hollywood
seeks
placed in a
computer
and a school
teacher in
computer
science
walked
by my
Windows
and saw
special
effects that
he couldn't
believe
running
on my PC
while the
others had
extremely
primitive
simple little
programs
on theirs.
Many
hackers

Re: Robots and astronomy

were into
others'
technologies,
I only cared
about
mine to be
something
of, you
know.
Many said
they can't
believe that
by
the end of
school I
wrote an
entire
Windows
OS. It was
just a crazy
magnitude
of getting
into the
depths of
operating
systems.
Simple
programs
were what
programming
was about,
to write
something
that
does what a
company
needs. I
made
effects on
the screen
that made
people
dizzy, I got
into all
ports to
control the
screen and
special
effected
not based
on

Re: Robots and astronomy

programs
but based
on
hardware.
Mathematical
curves,
I just did
random
inventions,
not deep
math,
special
effects were
born
and
many
effects were
used in my
Windows.

The only
solution
then is
many small
Windows as
I too would
feel
compelled
to offer a
media
player, but
if there
would be
competition
I would
have to
sell it
separately.
Americans
are
dumbheads
of power
and money
and
non-competitive
domination
carried in
all business
books, a

Re: Robots and astronomy

mind of
winning but
not seeing,
humanly. In
1989 I had
dim features
in my
Windows
to create a
calm effect
on the eyes.
Microsoft
Windows
till today
did
not
offer that
feature as a
basic need.
I just went
with my
own
inventions.

I was just caring of one
thing. A large screen with a
bright white
background
bothered my eyes. I needed
dim effects. I didn't want to
lower the
brightness,
I wanted a full experience
and a calmer atmosphere.

What takes a year of
programming takes three
weeks to write from
scratch
if restarting based on living
in that code on a daily basis.
A
learning curve of
the task, remembering each
line of code.

Re: Robots and astronomy

The world of code. Dynamic programming,
a very special programming
language was the first I learned and adore it
till today, a batch
programming
language on a russian super-computer.

Every line can be constructed with
replacements of commands themselves,
meaning a program itself can be constructed
based on macros, and when
that feature was available I used it all the
time. You can just say

```
i = 'print hello world'
```

And then write 'i' and it executes it on that
line, or write print
hello world
directly on that line, or change i later.

Yes, with AI you move away from structured programming
languages,
though
they were the result of the original AI research.

You are back into command lines. A formulation of a simple
program
with
a sequence of commands.

I remember, classes, structures forming can later become
incompatible
with unexpected new requirements and entire programs had
to be
rewritten from scratch. It is hard to see into the future.
Playing
with
computer programs have many many decades of

Re: Robots and astronomy

experiments. But
none succeeded in writing a program yet. We all live in a
dream and
imagine being around such programs in our lives.

I went to work to an industrial automation company that uses robots to build Nokia cell phones. I said I want to go there and learn robotics.
All the ideas of creativity in AI dull away as to interface software and robotic motion control is so much electronics and hardware control that everything breaks down in the simplest of things, a code written for years just for the simplest tasks, millions of dollars of equipments, alignments, synchronizations, working with electrical engineers, but using cameras to zoom in to small things, a standard of programming exists by a language called CNC that workers can use to train a machine in a factory to move step by step through a program and the robotic arm carries out those things, but not much mind. Such machines are made to be precise in a factory and repeat millions of sequences one after the other as cellular phone parts move through the assembly line, and the machine I programmed was lost in a sea of machines that all did different things.

I worked with a psycho there, in that factory. He said I was looking for things to steal and he was watching me. He wasn't even the factory boss but was acting as one.

Yes I was building a secret robot in my house.