
Subject: Mandelbrot's program broken under Lattice C 3.02

Posted by [papa](#) on Sat, 11 Jan 1986 18:41:59 GMT

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Article-I.D.: uscvax.239

Posted: Sat Jan 11 13:41:59 1986

Date-Received: Tue, 14-Jan-86 04:14:03 EST

Organization: CS&CE Depts, U.S.C., Los Angeles, CA

Lines: 35

I guess I just got bitten by the Lattice "C" nasty bug referred by John Draper as follows:

"...Good ol Lattice C has a nasty bug that won't let me use four cases without crashing. This is why it takes so long to write programs on the Amiga. ..."

When running the new version of the Mandelbrot program by Robert French, modified by RJ Mical of Commodore Amiga, I run into the following problems:

1. the Preset function does not work. All the 4 values (SR, ER, SI, EI) get initialized to the same values (it seems to be the first one). Which means that also at startup the values are wrong.
2. The CM (change mode) command does not work. I don't seem to be able to get interlace at all.
3. Saved images are not loaded back correctly (the limits are wrong). This makes the program totally useless.

I noted that RJ Mical has used the "case" statement extensively in his modified version. Did he compile and test it with the Greenhills C compiler only, or did he try it out also with Lattice C 3.02? Has anybody else experienced similar problems with the new version.

By the way, the old version of the Mandelbrot program does not have any of above mentioned problems.

Marco Papa

USC - Computer Science Dept.

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Subject: Re: Mandelbrot's program broken under Lattice C 3.02

Posted by [RJ\[1\]](#) on Mon, 13 Jan 1986 20:50:15 GMT

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Article-I.D.: amiga.539

Posted: Mon Jan 13 15:50:15 1986

Date-Received: Wed, 15-Jan-86 00:45:25 EST

References:

Reply-To: rj@wizard.UUCP (Robert J. Mical)

Organization: Commodore-Amiga Inc., 983 University Ave #D, Los Gatos CA 95030

Lines: 11

In article papa@uscvax.UUCP (Marco Papa) writes:

- > I noted that RJ Mical has used the "case" statement extensively in his
- > modified version. Did he compile and test it with the Greenhills C compiler
- > only, or did he try it out also with Lattice C 3.02? Has anybody else
- > experienced similar problems with the new version.
- >

I used Lattice 3.03 running native on the Amiga to compile the Mandelbrot program. Everything worked just fine; I didn't have any problems with the workbench.h file (enum statements and bit assignments) or multiple case statements. And my presets all come up looking good. =RJ Mical=

Subject: Re: Mandelbrot's program broken under Lattice C 3.02

Posted by [farren](#) on Mon, 13 Jan 1986 21:01:05 GMT

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Article-I.D.: well.483

Posted: Mon Jan 13 16:01:05 1986

Date-Received: Wed, 15-Jan-86 01:16:48 EST

References:

Organization: Whole Earth Lectronic Link, Sausalito, CA

Lines: 27

In article , papa@uscvax.UUCP (Marco Papa) writes:

- > When running the new version of the Mandelbrot program by Robert French,
- > modified by RJ Mical of Commodore Amiga, I run into the following problems:
- >
- > 1. the Preset function does not work...
- > 2. The CM (change mode) command does not work...
- > 3. Saved images are not loaded back correctly (the limits are wrong). This
- > makes the program totally useless.

>
> I noted that RJ Mical has used the "case" statement extensively in his
> modified version. Did he compile and test it with the Greenhills C compiler
> only, or did he try it out also with Lattice C 3.02? Has anybody else
> experienced similar problems with the new version.

I've seen the same problems - haven't determined yet what goes wrong.
However, since there's a newer version posted, maybe it doesn't have
problems? WRONG! And this time it's got me at a total loss. Briefly, with
my version (3.02) of the Lattice compiler, whenever a program includes the
line "#include " (as the new Mandelbrot does), it's
instant guru meditation time. Anybody know what gives? This makes the
newest (and nice-looking, from the source) Mandelbrot program less than
useless...

--

Mike Farren
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