

## Re: FC 1 freeze after bootup

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Fedora/2004-06/3432.html>

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**From:** Alexander Dalloz ([alexander.dalloz\\_at\\_uni-bielefeld.de](mailto:alexander.dalloz_at_uni-bielefeld.de))

**Date:** 06/13/04

Date: Sun, 13 Jun 2004 13:49:34 +0200

To: For users of Fedora Core releases <[fedora-list@redhat.com](mailto:fedora-list@redhat.com)>

Am So, den 13.06.2004 schrieb T. 'Nifty New Hat' Mitchell um 12:05:

- > > Update your motherboard BIOS to the latest version. Seems your system is
- > > not proper initialized. From your description I assume you mean a cold
- > > start will end in freeze but a warm start will succeed.
- >
- > BIOS updates have risks so read all the instructions and double check
- > models and revisions.
- >
- > For what it is worth in addition to a BIOS update make sure that all
- > the BIOS flags are initialized and stable.
- >
- > This might best be accomplished by setting in turn the optimized BIOS
- > values then the safe BIOS values. This can ensure that all the values
- > are 'set' and not some random bits left over when the RAM was
- > initialized. Some motherboards have a reset procedure that applies.
- > This procedure is often documented in the installation notes.
- >
- > Also check the small battery that is used to maintain the PROM data
- > structures and realtime clock between boot cycles. If you change one
- > setting from default a NVRAM volatility problem can be discovered if
- > after a hard power cycle it is not obvious.
- >
- > If the realtime clock or the BIOS/PROM settings change, the battery
- > could be ill. Look for a coin size battery on the motherboard. The
- > life of these batteries varies from 4 years to ten years. The life is
- > MUCH, Much, much shorter if someone placed the motherboard on a home
- > made anti-static guard made of aluminum foil or on a metal work bench.
- > If you cannot find the battery with a bright light inspection check
- > the user guide for the location.
- >
- > If you understand what the problem is you might elect to live with
- > the problem once you learn how to work with it.
- >
- > This smells like a battery thing to me.

Fedora: Re: FC 1 freeze after bootup

> *Tom Mitchell*

Indeed, that are very good hints regarding a BIOS update. Something one might to print out and pin on the wall :)

Alexander

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Alexander Dalloz | Enger, Germany | GPG key 1024D/ED695653 1999-07-13  
Fedora GNU/Linux Core 2 (Tettnang) on Athlon CPU kernel 2.6.6-1.427  
Serendipity 13:47:42 up 1 day, 9:30, load average: 0.83, 0.49, 0.29

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