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Subject: Re: [PATCH v4 1/3] make jump\_labels wait while updates are in place  
Posted by [Steven Rostedt](#) on Fri, 27 Apr 2012 14:07:10 GMT

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On Fri, 2012-04-27 at 09:53 -0400, Jason Baron wrote:

> Right, for x86 which uses stop\_machine currently, we guarantee that all  
> cpus are going to see the updated code, before the inc of key->enabled.  
> However, other arches (sparc, mips, powerpc, for example), seem to be  
> using much lighter weight updates, which I hope are ok :)

And x86 will soon be removing stop\_machine() from its path too. But all  
archs should perform some kind of memory sync after patching code. Thus  
the update should be treated as if a memory barrier was added after it,  
and before the inc.

-- Steve

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