
Subject: Re: Considering different approach to Win32 release

Posted by [mdelfede](#) on Mon, 02 Nov 2015 17:10:23 GMT

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mhhhhh... I don't remember all the work done, but IIRC at least up to MSC9 the linker fixups were not an issue.... or I never stumbled on them, and I have quite big functions encrypted in my app, which of course access other functions too.

Probably up to MSC9 the compiler/linker insert relative addressing and do not need fixups, and that changed from version 10 upwards, I don't know.

Anyways, fixing such an issue is not trivial at all, if even possible.

The encrypter now do its job on executable on disk and the decrypter does it in memory when the fixups are (wrongly) applied, so there's no simple solution other than rethink the whole stuff.

Or, better said, a possible solution would be to leave fixups unencrypted, but then we'd need a table somewhere to tell decrypter to leave them alone. Not an easy task either, and would entail the complete PE header analysis.

Anyways, the package doesn't work either on 64 bit M\$ compilers, which do not support online assembly.

So, I guess for now the package will stay as it is.... I'm using it on my app, and I'll stay with MSC9 too, for now, or for linux compilers which up to now behaves good with it.

For a more "professional" solution I'd need months to code it, and have no time now ;)
