

Forum:[Hack Forums](#)

Thread: [prevent an app from being killed in task manager?\(c#\)](#)

sara_221540 - June 25, 2020, 5:30 pm

How to prevent an app from being killed in task manager?

i want c# code to do that

__Digital__ - June 26, 2020, 4:51 am

(Jun 25, 2020 05:30 PM)sara_221540 Wrote: [\[CITE\]](#) How to prevent an app from being killed in task manager?

i want c# code to do that

elevate to system and user won't be able to kill it, but to elevate you must already have admin

HFDone - June 26, 2020, 5:10 am

<https://hackforums.net/showthread.php?tid=6086548>

VisualSoft - June 26, 2020, 9:41 am

(Jun 26, 2020 05:10 AM)HFDone Wrote: [\[CITE\]](#) <https://hackforums.net/showthread.php?tid=6086548>

this is to prevent file from being deleted, it wont help protect from task-manager kill.

namespace - June 26, 2020, 10:56 am

Google really is a magical tool.

Code namespace MyNamespace

```
{
    public static class ProtectProcess
    {
        [DllImport("ntdll.dll", SetLastError = true)]
        private static extern void RtlSetProcessIsCritical(UInt32 v1, UInt32 v2, UInt32 v3);

        private static volatile bool s_isProtected = false;

        private static ReaderWriterLockSlim s_isProtectedLock = new ReaderWriterLockSlim();

        public static bool IsProtected
        {
            get
            {
                try
                {
                    s_isProtectedLock.EnterReadLock();

                    return s_isProtected;
                }
                finally
                {
                    s_isProtectedLock.ExitReadLock();
                }
            }
        }
    }
}
```

```

    }

    public static void Protect()
    {
        try
        {
            s_isProtectedLock.EnterWriteLock();

            if(!s_isProtected)
            {
                System.Diagnostics.Process.EnterDebugMode();
                RtlSetProcessIsCritical(1, 0, 0);
                s_isProtected = true;
            }
        }
        finally
        {
            s_isProtectedLock.ExitWriteLock();
        }
    }

    public static void Unprotect()
    {
        try
        {
            s_isProtectedLock.EnterWriteLock();

            if(s_isProtected)
            {
                RtlSetProcessIsCritical(0, 0, 0);
                s_isProtected = false;
            }
        }
        finally
        {
            s_isProtectedLock.ExitWriteLock();
        }
    }
}

```

VisualSoft - June 26, 2020, 11:49 am

(Jun 26, 2020 10:56 AM)namespace Wrote: [\[CITE\]](#) Google really is a magical tool.

Code namespace MyNamespace

```

{
    public static class ProtectProcess
    {
        [DllImport("ntdll.dll", SetLastError = true)]
        private static extern void RtlSetProcessIsCritical(UInt32 v1, UInt32 v2, UInt32 v3);

        private static volatile bool s_isProtected = false;
    }
}

```

```
private static ReaderWriterLockSlim s_isProtectedLock = new ReaderWriterLockSlim();
```

```
public static bool IsProtected
```

```
{  
    get  
    {  
        try  
        {  
            s_isProtectedLock.EnterReadLock();  
  
            return s_isProtected;  
        }  
        finally  
        {  
            s_isProtectedLock.ExitReadLock();  
        }  
    }  
}
```

```
public static void Protect()
```

```
{  
    try  
    {  
        s_isProtectedLock.EnterWriteLock();  
  
        if(!s_isProtected)  
        {  
            System.Diagnostics.Process.EnterDebugMode();  
            RtlSetProcessIsCritical(1, 0, 0);  
            s_isProtected = true;  
        }  
    }  
    finally  
    {  
        s_isProtectedLock.ExitWriteLock();  
    }  
}
```

```
public static void Unprotect()
```

```
{  
    try  
    {  
        s_isProtectedLock.EnterWriteLock();  
  
        if(s_isProtected)  
        {  
            RtlSetProcessIsCritical(0, 0, 0);  
            s_isProtected = false;  
        }  
    }  
    finally  
    {  
        s_isProtectedLock.ExitWriteLock();  
    }  
}
```

```
}  
}  
}
```

}this code need to be run as admin to make it work,
And it will crash the PC if the process is killed.

namespace - June 26, 2020, 12:54 pm

(Jun 26, 2020 11:49 AM)VisualSoft Wrote: [\[CITE\]](#) this code need to be run as admin to make it work,
And it will crash the PC if the process is killed.

Since it's really hard to just put:

Code <requestedExecutionLevel level="requireAdministrator" uiAccess="false" />in app.manifest to request admin privileges?

And I don't get your point? The question is how to prevent the app from being killed in task manager. The only feasible way in my eyes is to mark it as a critical system process (other than just running a script in the background that kills task manager), and as with any other critical system process - it will crash the PC if killed. With sufficient permissions to kill system processes you can kill any process and cause a BSOD - like if I would just end task the csrss.exe.

__Digital__ - June 26, 2020, 2:00 pm

(Jun 26, 2020 12:54 PM)namespace Wrote: [\[CITE\]](#) Since it's really hard to just put:

Code <requestedExecutionLevel level="requireAdministrator" uiAccess="false" />in app.manifest to request admin privileges?

And I don't get your point? The question is how to prevent the app from being killed in task manager. The only feasible way in my eyes is to mark it as a critical system process (other than just running a script in the background that kills task manager), and as with any other critical system process - it will crash the PC if killed. With sufficient permissions to kill system processes you can kill any process and cause a BSOD - like if I would just end task the csrss.exe.

Wrong if you elevate to system standard user can not kill the process. There is no need to mark as critical as long as you know how to elevate to to system from user to admin to system.

VisualSoft - June 26, 2020, 2:01 pm

(Jun 26, 2020 12:54 PM)namespace Wrote: [\[CITE\]](#) Since it's really hard to just put:

Code <requestedExecutionLevel level="requireAdministrator" uiAccess="false" />in app.manifest to request admin privileges?

And I don't get your point? The question is how to prevent the app from being killed in task manager. The only feasible way in my eyes is to mark it as a critical system process (other than just running a script in the background that kills task manager), and as with any other critical system process - it will crash the PC if killed. With sufficient permissions to kill system processes you can kill any process and cause a BSOD - like if I would just end task the csrss.exe.

well the point of admin access is, OP is not going to use for legitimate Process, and when he spreads he will have issues or low execution if he uses the app.manifest admin privilege.

7 - June 26, 2020, 2:06 pm

Do you think it would be cool to create a duplicate task manager that shows nothing but normal apps and Microsoft services I think that would be sick

__Digital__ - June 26, 2020, 2:10 pm

(Jun 26, 2020 02:06 PM)NulldB Wrote: [\[CITE\]](#) Do you think it would be cool to create a duplicate task manager that shows nothing but normal apps and Microsoft services I think that would be sick

Back on windows 7 and 8.1 you could throw a white box over process list so no one could see it to

kill it when taskman was launched. i'm sure you could do similar on windows 10 but they changed taskman a little.

7 - June 26, 2020, 2:12 pm

(Jun 26, 2020 02:10 PM)___Digital___ Wrote: [\[CITE\]](#) Back on windows 7 and 8.1 you could throw a white box over process list so no one could see it to kill it when taskman was launched. i'm sure you could do similar on windows 10 but they changed taskman a little.

Yeah or just block it completely but that always gave away that you were infected tbh.

___Digital___ - June 26, 2020, 2:27 pm

(Jun 26, 2020 02:12 PM)NulldB Wrote: [\[CITE\]](#) Yeah or just block it completely but that always gave away that you were infected tbh.

Yes exactly, the better way would have a sleeper process looks for taskman and only it can control the malware process. Tell it to do something when taskman is launched.

sara_221540 - June 27, 2020, 2:57 am

please help me

i tried all the above code , nothing work

iolaka - July 19, 2020, 10:01 am

(Jun 27, 2020 02:57 AM)sara_221540 Wrote: [\[CITE\]](#) please help me

i tried all the above code , nothing work

Try this solution <https://hackforums.net/showthread.php?tid=6091854&pid=59969409#pid59969409>