

Unable to properly set the InteractiveProcess property on a windows service

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Hello,

I have written a windows service and created an installer for it.
The service runs under the system accounts. When started, it launches a GUI.

By default, the InteractiveProcess property of the service is not set (this can be checked by right-clicking on the service in the Services window (Admin tools>Services), choosing Properties, LogOn tab). In order to enable my service to launch a GUI at startup, I added the following lines in my installer :

```
public override void Install(IDictionary stateSaver)
{
    base.Install(stateSaver);
    SetInteractWithDesktop();
}

private void SetInteractWithDesktop()
{
    RegistryKey fm;
    ServiceType type;

    fm =
    Registry.LocalMachine.OpenSubKey(@"SYSTEM\CURRENTCONTROLSET\SERVICES\myserv",
    true);
    type = ServiceType.InteractiveProcess |
    ServiceType.Win32OwnProcess;
    fm.SetValue("Type", (int)type);
    fm.Close();
}
```

This modifies the appropriate Registry key in order to enable the InteractiveProcess property.

If I install this service and run it : it does not display my GUI.

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However, if I check in Admin tools>Services>*myserv*Properties>LogOn tab, I can see the box ticked for "Allow service to interact with Desktop", which is the expected behavior.

Now if I untick and tick again this box, press ok, and start my service, it works fine, displaying the GUI correctly.

I'm wondering whether the registry key I'm changing when installing the service, is the only one to be changed in order to enable interaction with the desktop.

Any ideas that could help me ?

Cheers,

Tibo

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