# Windows service for sensor data polling

ICB will provide a windows service that has functionality to request URLs with http GET on a definable interval.

# Installation

In order to install the service follow the steps below:

1. Download zip from <https://drive.google.com/file/d/0B_Ft15Tvha3PZTFoaU45U3FUazg/view?usp=sharing>
2. Extract all files at - C:\Program Files\IcbShceduledJob , so that ICB.ScheduledJob.exe file has path: C:\Program Files\IcbShceduledJob\ICB.ScheduledJob.exe
3. Create folder C:\Program Files\IcbShceduledJob\Logs and give write rights to all users.

(Properties -> Security -> (in Group or user name) select Users -> Edit -> (in Group or user name) select Users -> in section Permission for Users , check Write -> Apply).

1. Modify the ICB.ScheduledJob.exe.config as followed:
   1. In system.serviceModel -> services -> service -> endpoint tag, change value of the address attribute to url for controller action you want to be invoked (with http get).

**Example:** address=<http://localhost/mysite/sensordatafetch/run>

* 1. In appSettings tag, set value in serviceinitinterval for at what interval you want the controller action to be invoked. Value is in hours, but you can set 1 second by setting value to 0.000277778 or 5 seconds value= 0.001388889

1. Open Command Prompt as Administrator.
2. Execute:

C:\Windows\Microsoft.NET\Framework\v4.0.30319\InstallUtil.exe

"C:\Program Files\IcbShceduledJob\ICB.ScheduledJob.exe".

**Make sure you get output ending with:**

**The Commit phase completed successfully.**

**The transacted install has completed.**

If not -> read what the error could be. Examples: wrong path/no access to the exe/ etc.

# How to use it

1. Open windows Services.
2. Find ICB.ScheduledJob in Services and start it (if it’s not started.).
3. Go to C:\Program Files\IcbShceduledJob\Logs and review the logs.
4. If you want to change the configuration of the service you need to :
   1. Stop the service
   2. Modify the ICB.ScheduledJob.exe.config
   3. Start the service

# Uninstallation

In order to uninstall the service you need to:

1. Open Command Prompt as Administrator. (if it’s not opened.).
2. Execute:
   * 1. C:\Windows\Microsoft.NET\Framework\v4.0.30319\InstallUtil.exe /u
     2. "C:\Program Files\IcbShceduledJob\ICB.ScheduledJob.exe".

(Note: it’s not necessary to stop the service, the above command will stop it automatically!)