

To the WS3600 station users wishing developing their own application

This subject written on this page is only a guide. To get help or assistances thank you to not do here but to use the post open under: [WS3600 interface development](#)

Before starting, we would particularly thank the Domancy,FR weather station owner who gives us the first sharing of his weather application with you.

Having a WS3600 since round six years, Domancy weather station is running with a homemade interface for processing recorded data. Today, a transfer function to AWEKAS has been created for reporting its data. This homemade software is built on simple, efficient and free modules. The whole uses thus free software and codes.

The WS3600.exe application is written with a simple language modifiable by all of the users, the FBSL code. WS3600.fbs source is directly accessible by an editor like notepad or PSPad. For more information see <http://www.fbsl.net/homepage.html>

Three parts make up the application:

1 – Launch of fetch3600.exe, it extracts the data from the weather base to record the measures into xftch.tmp file. This database helps to all processing of screen and graphic pages as well as the transfer push to AWEKAS. For more information see <http://open3600.fast-mail.nl/tiki-index.php>

2 – Setting of records and session of the URL update necessary to AWEKAS.

3 – Launch of sending command to AWEKAS by mean of wget.exe. For more information see <http://en.wikipedia.org/wiki/Wget> or <http://www.gnu.org/software/wget/>

You have to write a scheduled task under Windows or a cron under Linux OS in order to read the data from your weather station, to record the measures into databes and to send the URL to AWEKAS every 5, 10, 15 minutes...

Unzipping the file joined hereafter does the set-up. A notice of summary installation is at your disposal inside the DOC directory. You have only to define the connect.ini file for AWEKAS access with your AWEKAS username and password. The most important pint is the encryption of your password, which must imperatively transmit in md5 mode. For more information see <http://www.iwebtool.com/md5>

You know all or near. The application can work with Linux or Windows.
So, good luck to the WS3600 users.

Note 1: WS3600.exe is an stand-alone package. If you want use all or part of components included in Open3600 for managing the weather station and graphic pages, you have to make some changes for loading a database like mysql, for instance. The Web pages of Open3600 are perfectly modifiable and adaptable according to your liking. You can even add more.

Note 2: WS3600.exe can work in parallel with other software at the same time. It reads data of your weather station directly.

Note 3: WS3600 package attached is only compiling for Windows. You have to re-compile the WS3600.fbs source for Linux. In case of problem, thank you to read into the help open on this subject or to contact [the author](#) as a last resort.

Note 4: If someone is interested in this application running under C# version (net Visual Studio) or MS Foxpro, thank you to contact [the author](#) for these two packages.