Using the Gobetwino sample code.

I have created a handful of very simple Arduino sketches to demonstrate Gobetwino.

To use the samples you need to create some commands in Gobetwino and you need some of the files located in the samples folder under the folder where you installed Gobetwino.

Here I will briefly show what you need to do to use the Arduino samplesketches.

These samples assume that Gobetwino is installed in the folder c:\gobetwino.If this is not the case, you have to modify the paths to files and folders in thee commands so they match where Gobetwino is installed on your PC.

gobetwinoXLtest.pde

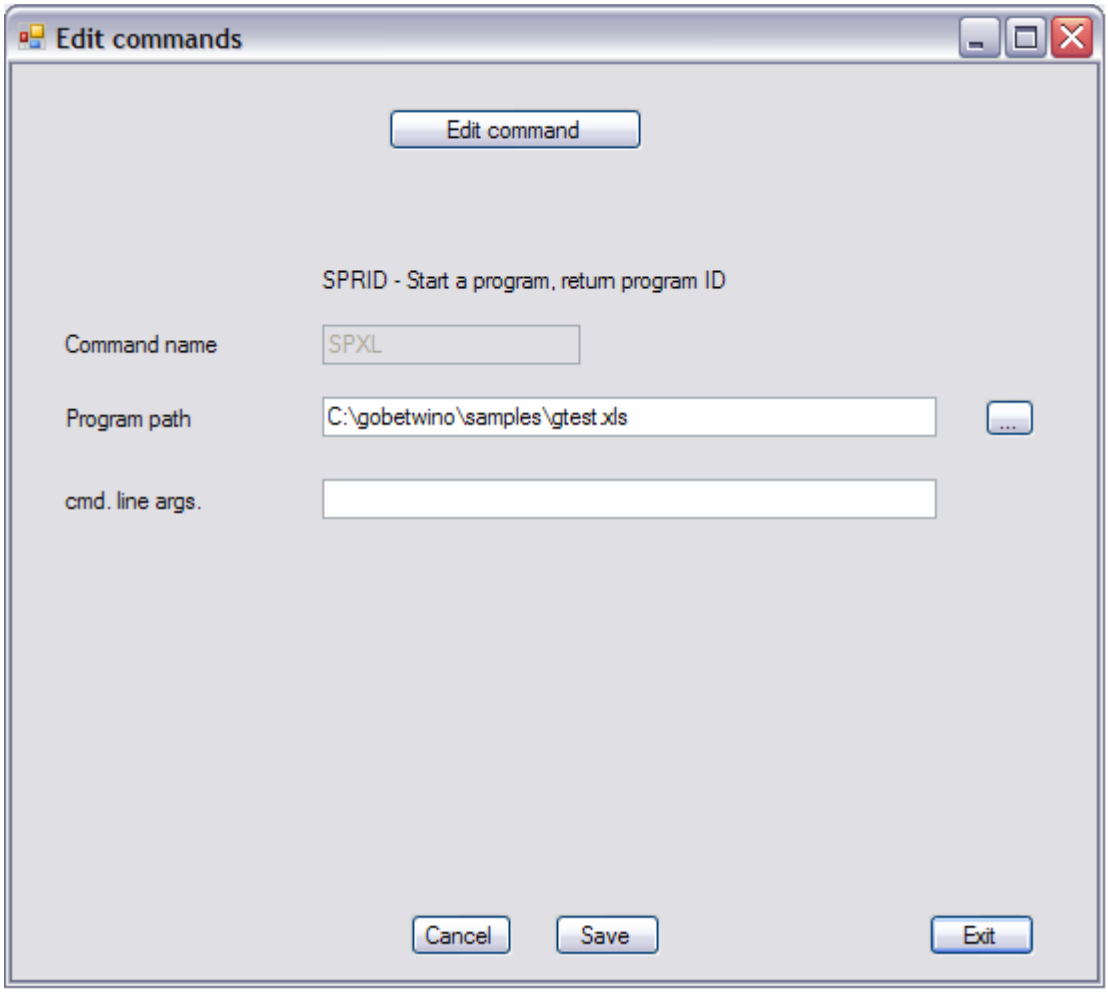
Demonstrates the command types SRRID, SENDK, and SMAIL

You need to create three commands named SPXL SENDK MXL, as shown in the screenshots below. This example also uses Microsoft Excel. And you need to configure the SMTP mail settings in Gobetwino.

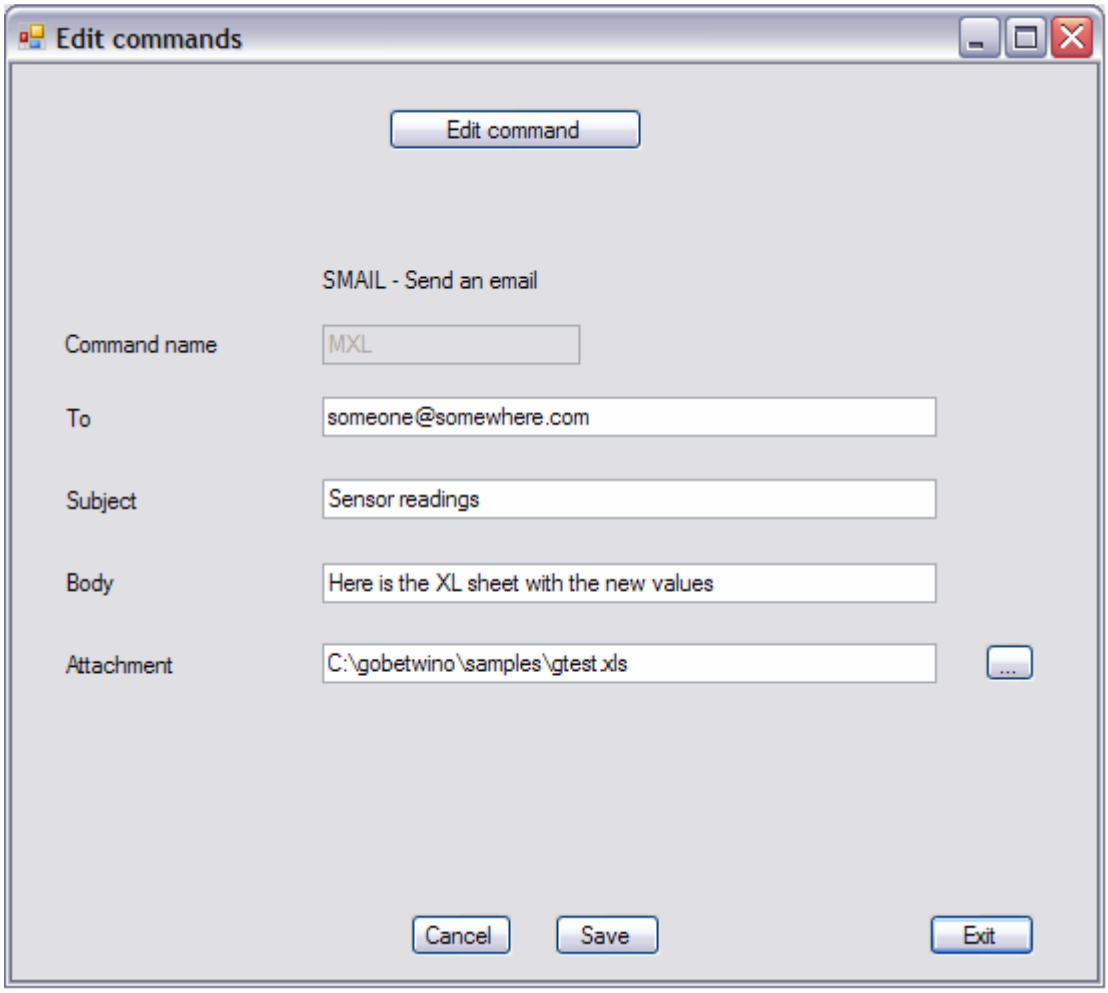
Files used:

c:\gobetwino\samples\gtest.xls
c:\gobetwino\sampls\gobetwinoXLtest.pde

Create a command of the SPRID type called SPXL like this:



Create a command of the SMAIL type called MXL like this:



Change the mail address above to a valid one.

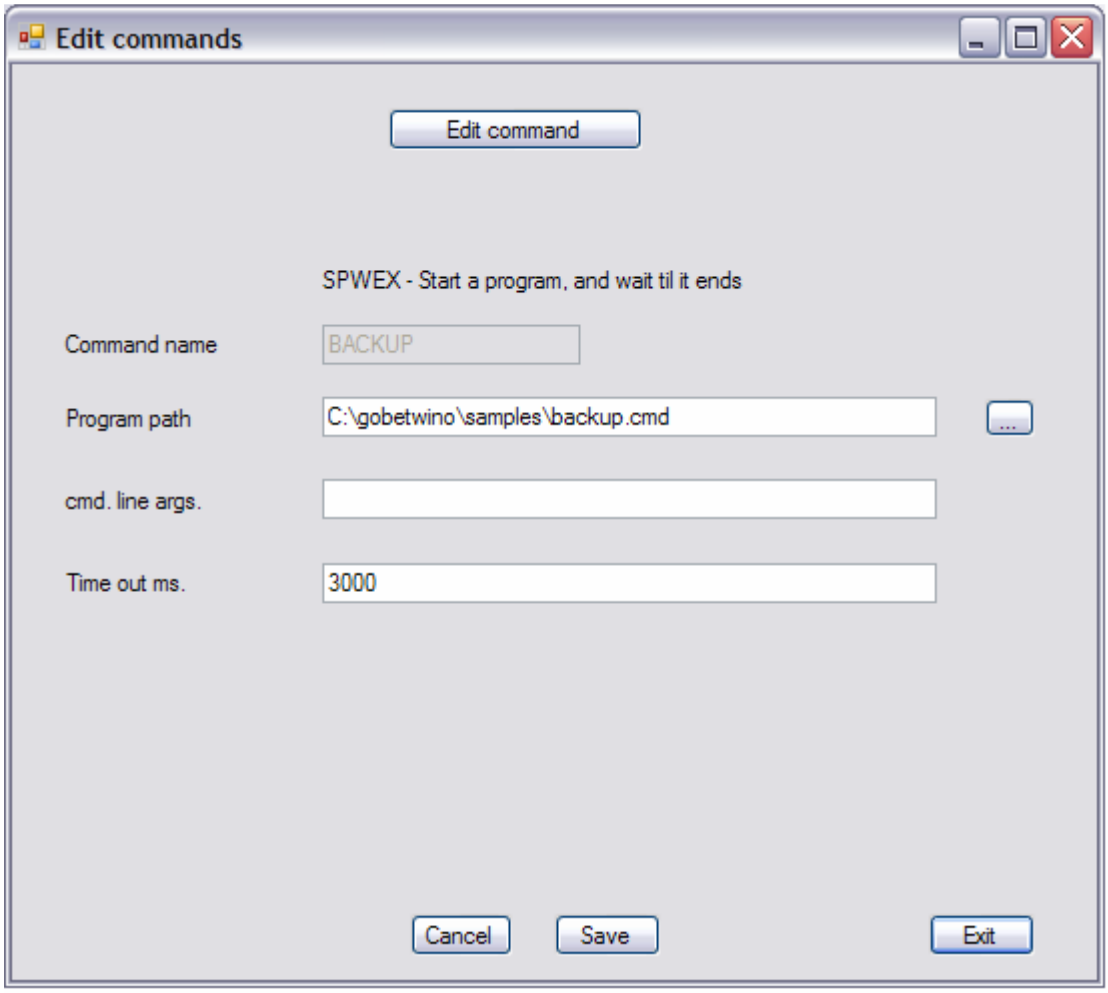
The sample also uses a SENDK command, but that is already in Gobetwino and you don't have to create it.

Spwextest.pde

This sketch demonstrates the SPWEX command type by running a Windows CMD file that backs the files in the c:\gobetwino folder up to the c:\gobetwion\backup folder.

You need to create a single command called BACKUP.
The sample uses the file c:\gobetwino\backup.cmd and the folder c:\gobetwino\backup

Create a command of the SPWEX type, called BACKUP like this:

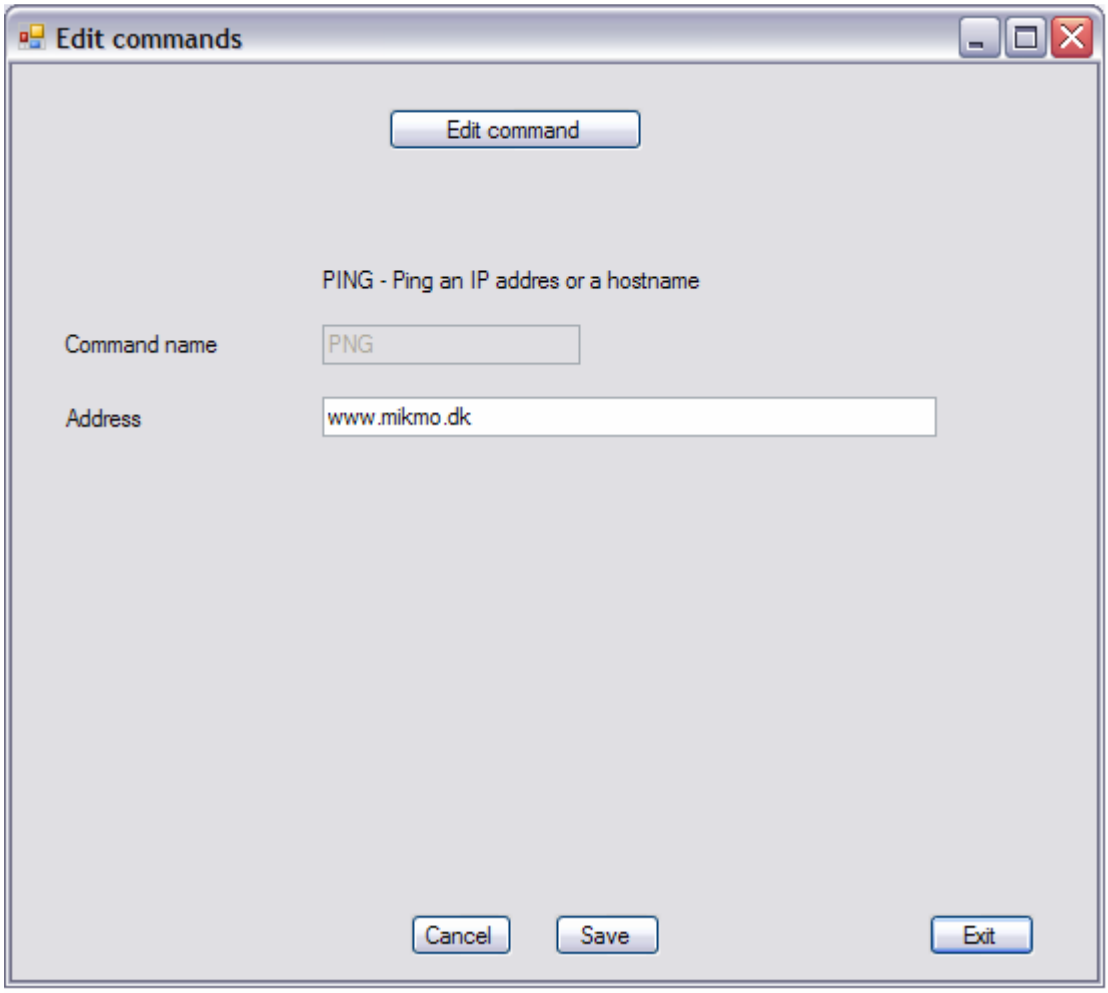


Downloadtest.pde

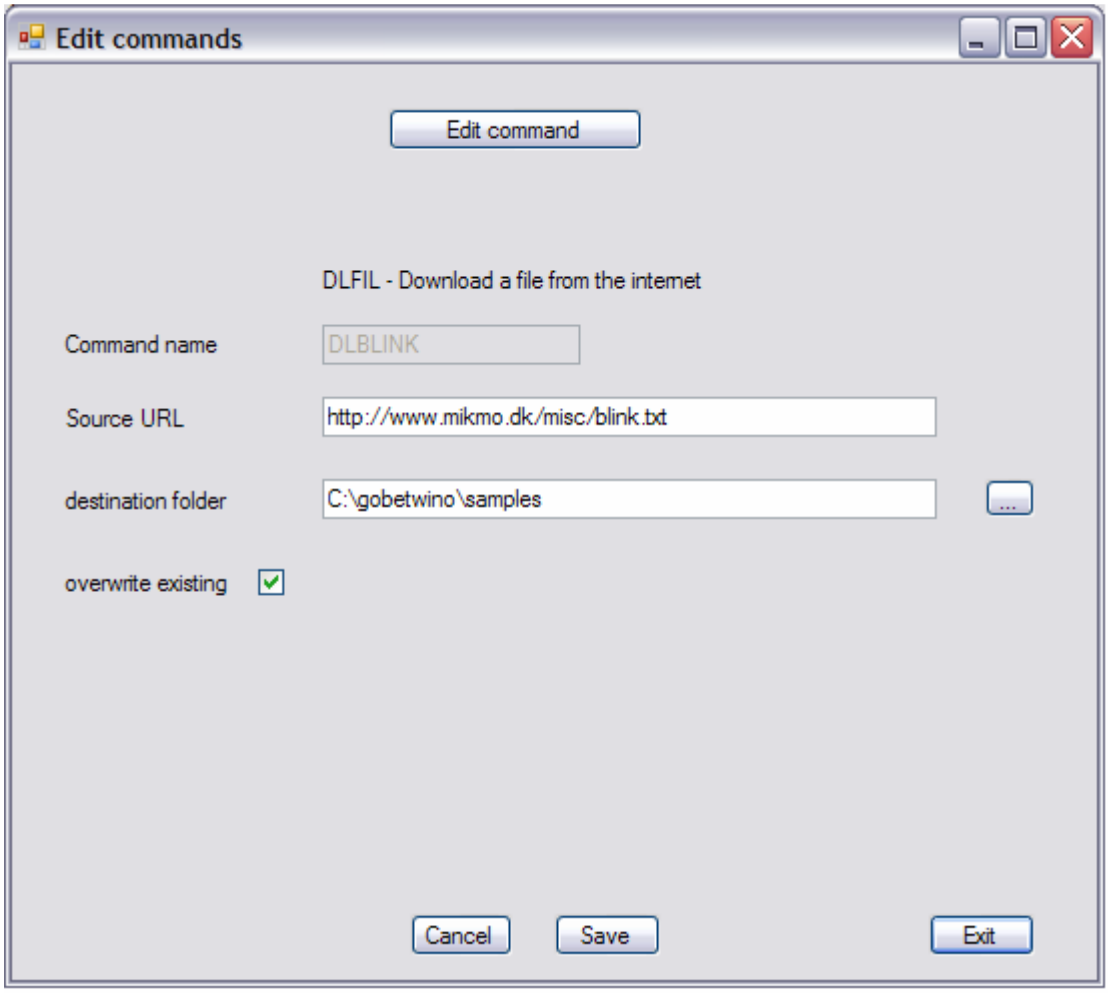
This sketch demonstrates the command types PING, DLFILE and RDFILE.
You need to create three commands named PNG, DLBLINK, and RDBLINK.
You also need a LED connected to pin 13 on your Arduino board

The sketch uses the file c:\gobetwino\samples\blink.txt that it downloads from my site on the Internet. The file is a plain text file with three lines each with a single digit on, the sketch and the associated commands downloads the file, reads each line and blink a LED as many times as the number on the line.

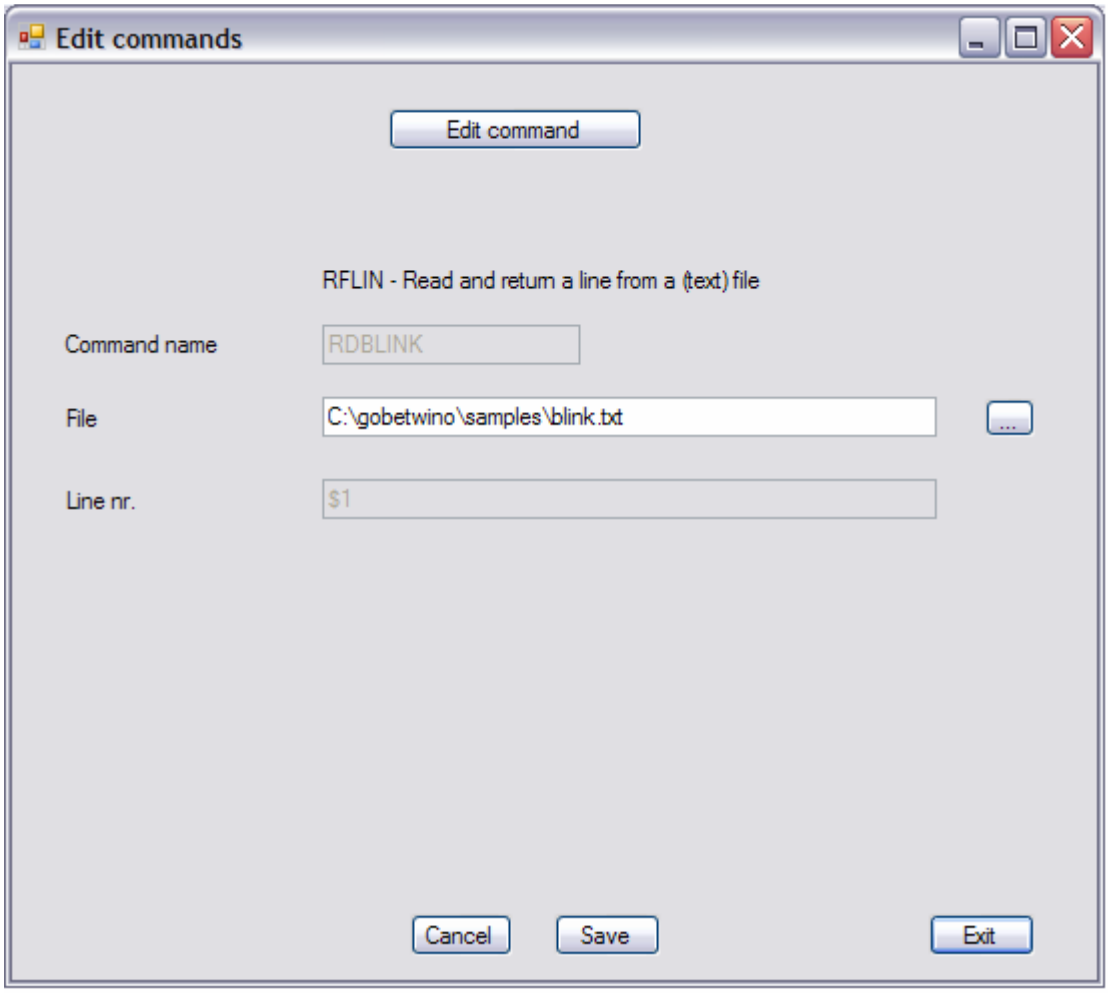
Create a command of the PING type with the name PNG as this:



Create a command of the DLFILE type called DLBLINK like this:



Create a command of the RDFILE type called RDBLINK like this:

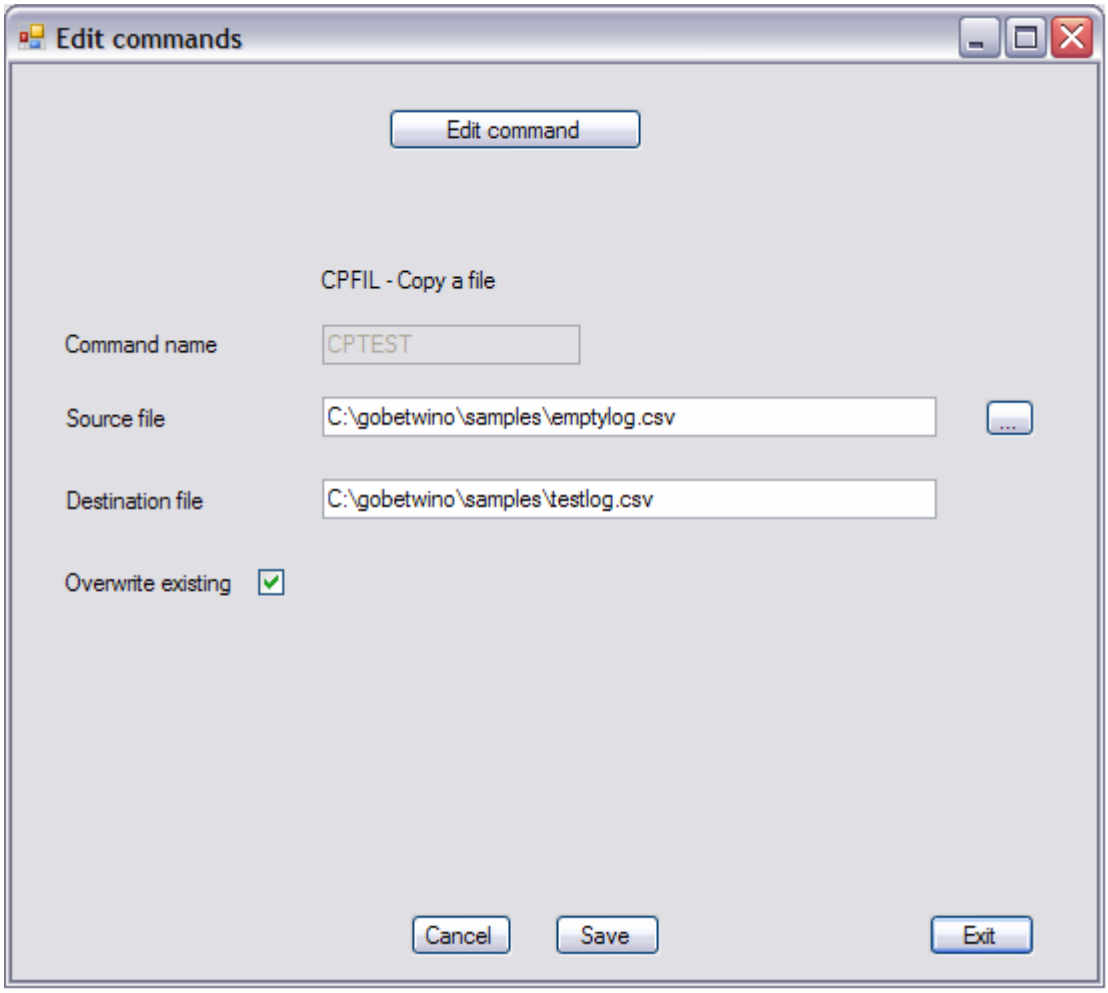


gobetwinoLogtest.pde

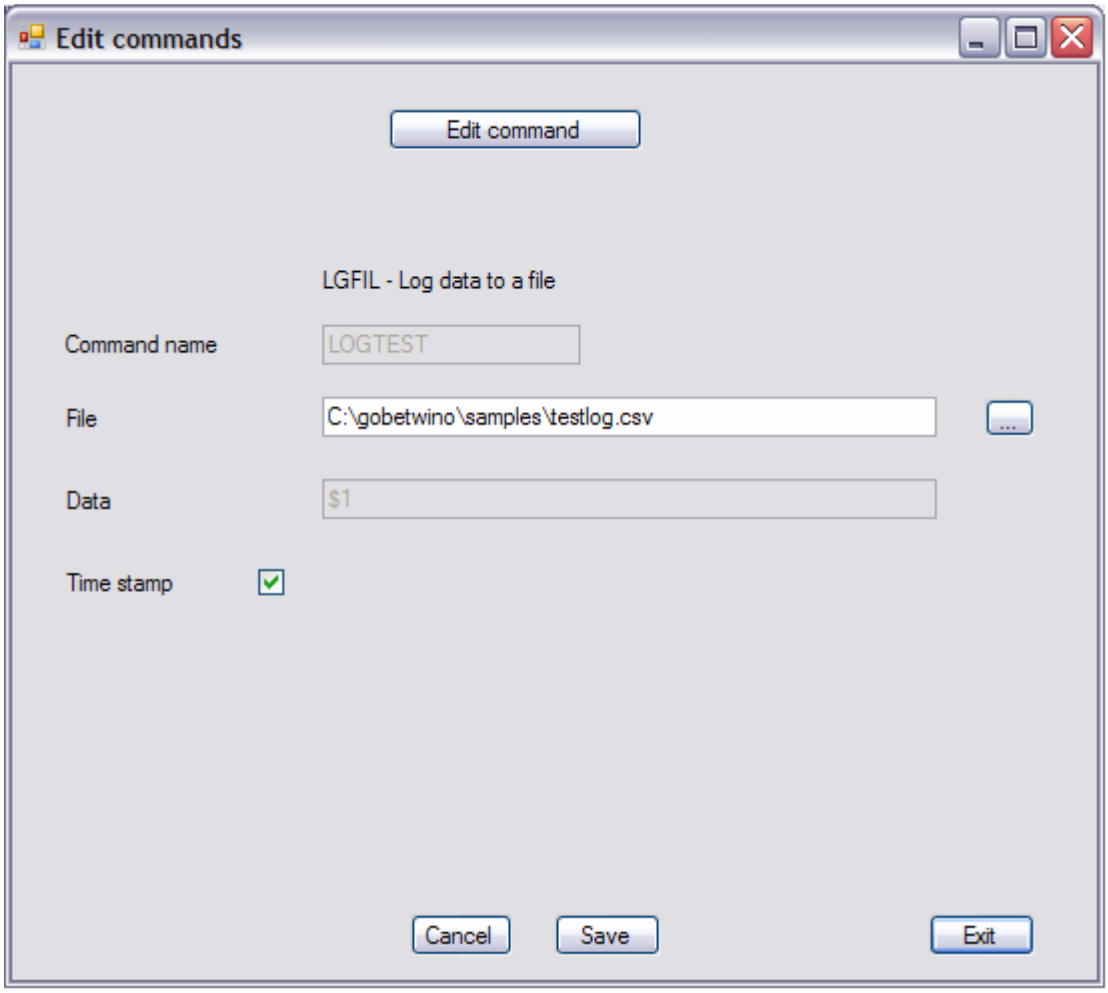
This sketch demonstrates the command types CPFILE and LGFILE, you need to create two commands called CPTEST and LOGTEST. The sample also demonstrates how to log data to a CSV file on the PC.

The sample uses the files c:\gobetwino\samples\emptylog.csv and c:\gobetwino\samples\testlog.csv First it copies c:\gobetwino\samples\emptylog.csv to c:\gobetwino\samples\testlog.csv, then it logs some random values to the file.

Create a command of the CPFILE type named CPTEST like this:



Create a command of the LGFILE type called LOGTEST like this:



mailtest.pde

This sketch demonstrates how to use Gobetwino to read mails from a POP3 mailbox and send a command from the mail to Arduino.

The sketch does not use any commands or files. You need to configure all the POP3 settings, and enable automatic mail check in the settings dialog. Be sure that you have read and understand the section in the user manual about using this function. Gobetwino will delete messages read from the mailbox!

When all is configured as above, and the sketch is running on Arduino, send a mail to the mailbox you configured above with the single word “blink” (without the quotationmarks) in the mails body text. Also make sure to use the subject you configured.

When the mail reaches the mailbox and Gobetwino reads it, it will send the entire body text of the mail (in this case the word blink) to Arduino, and Arduino will blink the LED on PIN 13 a few times.