

## Index.html

```
<!DOCTYPE html>
<html lang="sv">
  <head>
    <meta http-equiv="CONTENT-TYPE" content="text/html; charset=utf-8">
    <title>Kör Piface-blink</title>
    <meta name="generator" content="Bluefish 2.2.4" >
    <meta name="CREATED" content="20140611;5273800">
    <meta name="CHANGED" content="2015-04-02">
    <meta name="DESCRIPTION" content="Testsida för att prova ,testa funktioner">
    <meta name="KEYWORDS" content="Testsida">
  </head>
  <body>

    <h1>Test av köra piface-blink</h1>
    <p>Programnamn = piface-blink.php.</p>
    <form method="POST" action="piface-blink.php">
    <form action="piface" metod="POST">
      <input type="checkbox" name="val" value="7">Blinka 7 LEDS
      <br />
      <input type="checkbox" name="val" value="1">Blinka 1 LED
      <br />
      <input type="submit" value="SKICKA">
    </form>
    <form metod="POST" action="index.php">
      <input type="submit" value="RESET">
    </form>
  </body>
</html>
```

## piface-blink.php

```
<?php
/*
 * piface-blink.php
 *
 * Copyright 2015 Jan Pihlgren
 *
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 * along with this program; if not, write to the Free Software
 * Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
 * MA 02110-1301, USA.
 *
 */
if($_SERVER['REQUEST_METHOD'] == "POST") {
    echo "Testmeddelande";
    echo "<br />";
}
$command="./piface-blink-2 {$val} &";
echo "command = ", $command;
echo "<br />";
exec($command);
exec('exit');
echo "<br>";
echo "Programmet klart!\n";
echo "<br>";
?>
<html>
<body>
<form method="POST" action="index.html">
<input type="submit" value="TILLBAKA">
</form>
</body>
</html>
```

## **piface-blink-2.c**

```
/* programnamn: piface-blink-2.c
 * Jan Pihlgren 2015-04-02
 * Kompilera med:
 * gcc -L/usr/local/lib -lwiringPi -lwiringPiDev -o piface-blink-2 piface-blink-2.c
 */
#include <stdio.h>

#include <wiringPi.h>
#include <piFace.h>

// Use 200 as the pin-base for the PiFace board, and pick a pin
//   for the LED that's not connected to a relay

#define PIFACE 200
#define LED    (PIFACE+2)

int main(int argc, char *argv[])
{
// Always initialise wiringPi. Use wiringPiSys() if you don't need
//   (or want) to run as root
    wiringPiSetupSys ();

// Setup the PiFace board
    piFaceSetup (PIFACE);

    char buf[10]="";
    int val=0;
    int i;

    if(argc > 1) {
        strcpy(buf,argv[1]); // Kopiera argv[] till buf
    }
    printf("argc=%d\n",argc);
    printf("buf=%s\n",buf);
    val=atoi(buf);           // Omvandla char to int
    switch(val){
        case 0:
            break;
        case 1:
            blink1();
            break;
        case 2:
            blink7();
            break;
        case 7:
            blink7();
            break;
        default:
            return 0;
    }
}
```

```
    return 0 ;
}

blink1()
{
    int i;
//    printf("buf=%s\n",buf);
    for(i=0;i<7;i++){
        digitalWrite(LED+5, 1);
        delay(100);
        digitalWrite(LED+5, 0);
        delay(100);
    }
}

blink7()
{
    int i;
//    printf("Blinka\n");
    for (i=0;i<=7;i++){
        digitalWrite(i+LED, 1);
        delay(100);
        digitalWrite(i+LED, 0);
        digitalWrite(i+1+LED, 1);
        delay(100);
        digitalWrite(i+1+LED, 0);
    }
    return;
}
```