



# Complete Guide to Fizz Monitor



# **Complete Guide to Fizz Monitor from Fizz Software**

## ***Table of Contents***

Welcome to Fizz Monitor.....	3
Launching Fizz Monitor.....	3
Fizz Monitor Today/Homescreen Plugin.....	5
Registration.....	5
Fizz Monitor Skin Information.....	6
Skinning the Main Product.....	7
Skinning the Popup Task Window.....	8
Controlling the properties of the popup task window list.....	9
Theme File Tags.....	10
Example Theme File.....	11

## Welcome to Fizz Monitor

Fizz Monitor is an essential utility for all Smartphone users. The program monitors battery levels, storage space, memory use and tasks.

- Monitor the Battery & Battery backup state
- Monitor the used memory and storage space
- Control what applications are actually running on your device

To install **Fizz Monitor** follow the steps below:

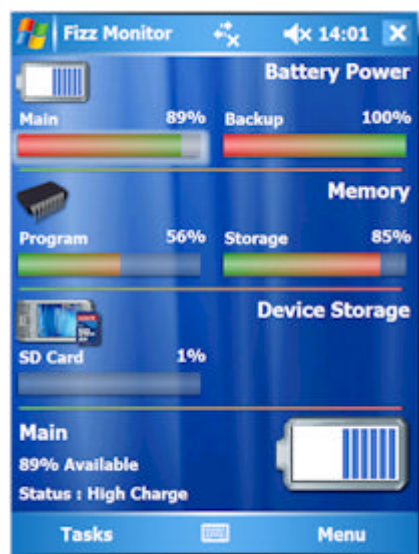
- Connect your device to your PC and make sure ActiveSync is running
- Double Click on setup.exe
- Follow the on-screen installer dialogs.
- Check your device and install either to phone or storage card

*Please note that this documentation covers both Pocket PC and Smartphone. Most of the screenshots are from the Pocket PC version and so may look slightly different to the Smartphone screens.*

## Launching Fizz Monitor

Once installed, **Fizz Monitor** will be available in the Programs list.

- Select the **Fizz Monitor** icon from the Programs list



This screen shows battery and memory usage.

Using the directional pad, pressing up/down/left/right moves the selected progress bar through the various items monitored. The currently selected progress bar then displays additional information at the bottom of the screen.

The items monitored are:

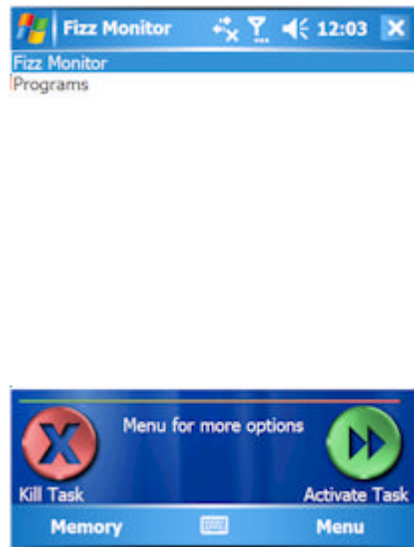
- Battery & Backup Battery
- Your local device store space & storage card space
- The current memory and backup memory usage

The current battery/memory states can be refreshed at any time by using the softkey 'Menu' and selecting 'Refresh'.

You can access the registration screen by using the softkey 'Menu' and selecting 'About/Register'.

You can quickly jump to the task list by using the softkey 'Tasks'

You can use Tap and hold on the Pocket PC to view the standard built in power and back light information by tapping and holding anywhere on this screen.



This screen shows the currently active tasks.

The task monitor allows you to switch to another running application by selecting the task in the list, then pressing the action key ( the direction pad down ), or using the softkey 'Menu', and selecting 'Activate Task' or on Pocket PCs you can tap the Activate Task button.

Sometimes you may want to kill a task – this can be important if you want to run another program but haven't enough free memory to do so. The task list gives you the control over what tasks to close so you can run new ones.

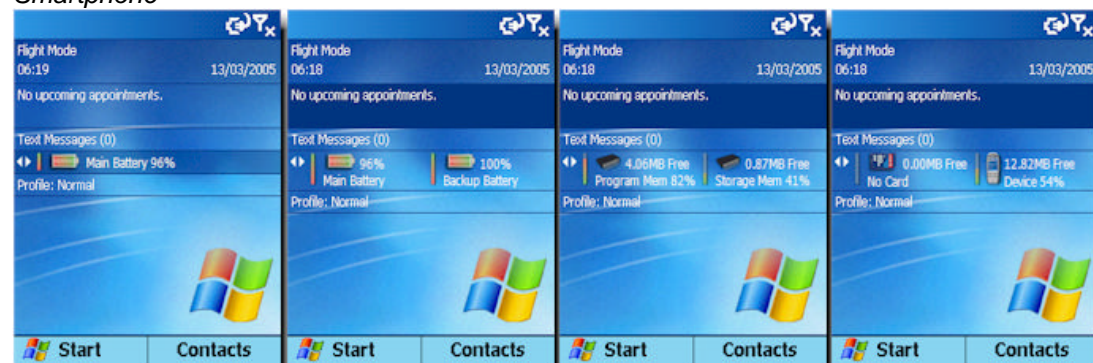
To kill a task, first pick the task to close in the list, then use the soft key 'Menu' and select 'Kill Task' or tap the Kill Task button on the Pocket PC.

The task list can be refreshed at any time by using the softkey 'Menu', then selecting 'Refresh'

On the Pocket PC, you can tap and hold to see the menu on this screen.

## Fizz Monitor Today/Homescreen Plugin

### Smartphone



### Pocket PC



Fizz monitor now comes with a Homescreen plugin. This is available for both Pocket PC and Smartphone.

Tapping the plugin or pressing left or right on the device cycles through the different screens.

Pressing the action button on the Smartphone or Pocket PC version switches between the single and double rows.

On the Pocket PC you can also tap the plugin icon on the far left to view a menu. From this menu you can switch between single and double row views, refresh the data shown or start Fizz Monitor.

You can also see the task list, by tapping through to the task information panel, you can then either tap on Pocket PC or use the action key on Smartphones to see a menu, this allows you to pop up a list of tasks. You can also change the skin that this pop-up uses.

## Registration

Fizz Monitor will function for 3 days before you are required to enter a valid registration code. You can access the registration screen by using the softkey 'Menu' and selecting 'About/Register'.

To register, simply enter the serial number provided when you purchased the product and select the soft-key "Register"

## Fizz Monitor Skin Information



Fizz Monitor can currently be skinned in 2 ways. Its popup task window normally accessed from the home/today screen & the background text & image for the main product. In future versions all graphics will be skin-able.

The skin information is stored in a single theme text file along with its associated graphics. Theme ini files support comments – which start with a semicolon character. See the example theme file at the end of this document.

Inside the main Fizz Monitor installation folder on the device is a theme folder. Inside the theme folder are individual theme subfolders. These subfolders contain all the theme information and associated graphic images.

A theme file supports all possible device screen sizes and orientations. For Smartphone devices the screen sizes supported are classic screens, QVGA Screens and landscape screens.

For PocketPC devices the screen sizes supported are QVGA screens, landscape screens and square screens.

If monitor is running on a VGA device, all theme size information is doubled meaning you need to only supply size and position information for QVGA/Landscape/Square screens.

## ***Skining the Main Product***

### **Controlling the properties of background**



Backgrounds need to always be in jpeg format. They can be stretched to fit all screen sizes in which case only one device need be specified; otherwise you should supply the name of a file for each screen size/orientation.

#### **Supported screen sizes on Smartphone are :**

Classic ( 176x220 ), QVGA ( 240x320 ), Landscape ( 320x240 )

#### **Supported screen sizes on Pocket PC are :**

Classic ( 240x320 ), Landscape ( 320x240 ), Square ( 240x240 )

If the background image is to be stretched, you can use the theme tag:

**background\_stretch=1**

To specify a theme device image you must use one/more of the following:

**background=blue**

**background\_landscape=blue**

**background\_square=blue**

If the background is being stretched to fit all device sizes then only specify:

**background=blue**

You do not need to include the file extension ( blue.jpg ).

This is because if you are running on a VGA device and Fizz Monitor will also append an extra extension to the file name. eg. blue\_vga.jpg

**NOTE: This does not happen if the image is being stretched to fit all device screens.**

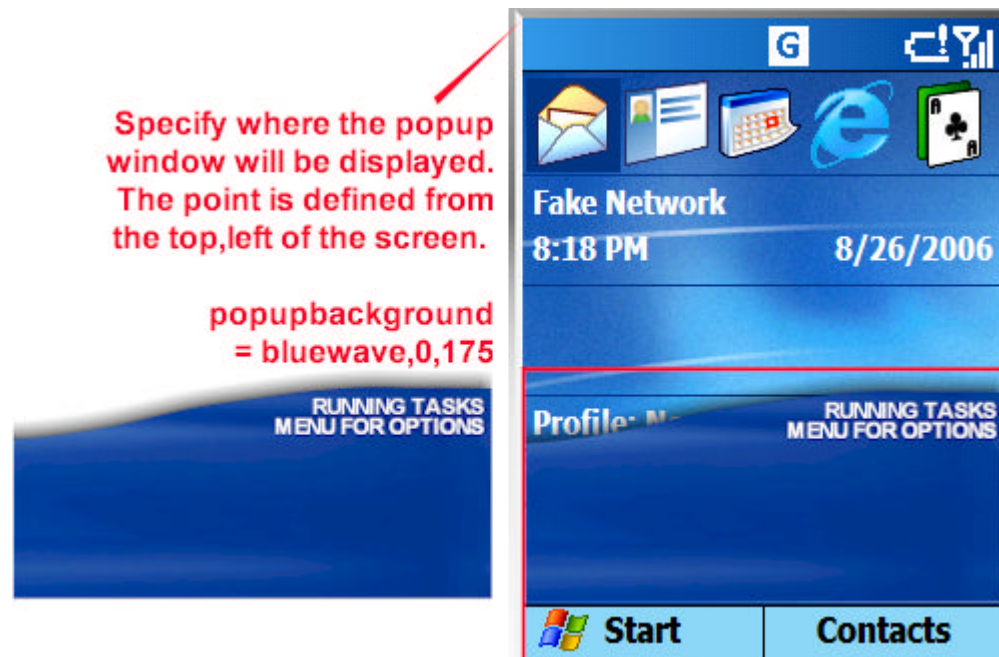
To specify the text color used for text displayed in the main product use the following tag.

**textcolor=rgb:255:255:255**



## ***Skinning the Popup Task Window***

### **Controlling the properties of the popup window**



From the today/homescreen screen you can popup a task list window. This window can be shown at any position and size on the device screen. The size of the window is determined by the width and height of the popup image background. The theme file controls the location of the popup window.

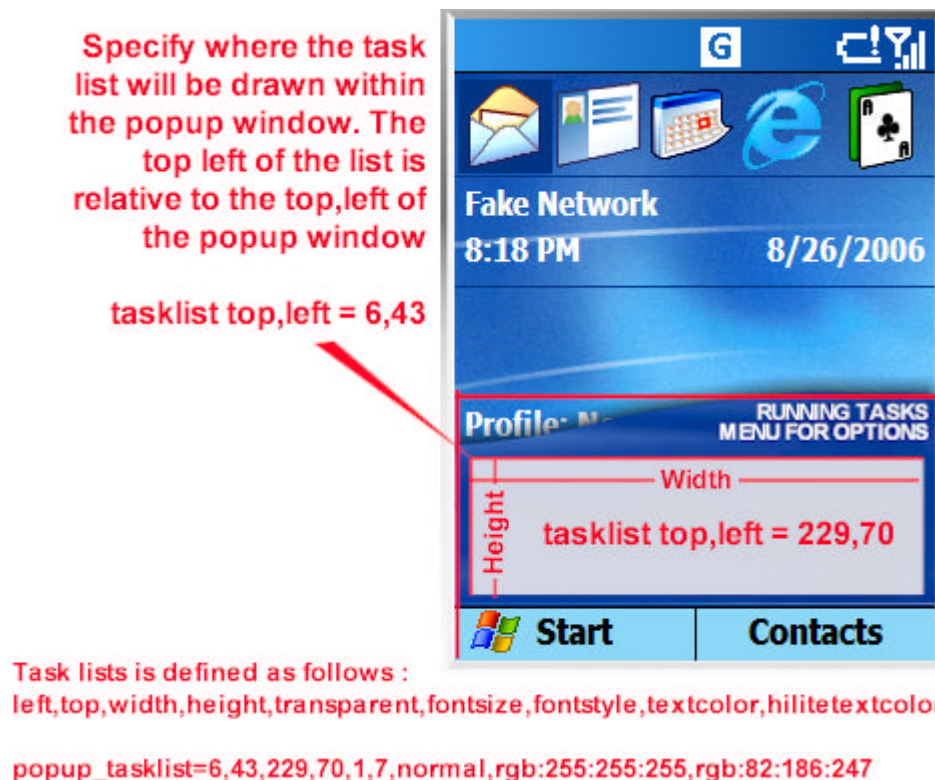
```
popupbackground=blue,19,39
popupbackground_landscape=blue_land,44,30
popupbackground_classicsmartphone=blue_sp,13,30
```

You need to supply an image for each screen size supported and its popup position on the screen. The top, left of the popup window is relative to the top, left of the device screen.

All background popup window images should be TGA images. These files are 32bit images and support alpha-blending allowing the popup window to appear transparent.



## Controlling the properties of the popup task window list



The popup task window displays a task list. This list can be positioned anywhere within your popup window. You have control over its position, size and font color, size & styles. Again, the position of the list needs to be defined for all supported screen sizes.

```
popup_tasklist=6,23,186,190,1,8,bold,rgb:0:0:0,rgb:255:255:255
popup_tasklist_landscape=6,21,210,139,1,8,bold,rgb:0:0:0,rgb:255:255:255
popup_tasklist_classicsmartphone=4,14,139,131,1,8,bold,rgb:0:0:0,rgb:255:255:255
```

The tasklist parameters are :

Left, top, width, height, transparent, fontsize, fontstyle, textcolor, selected text color

Transparent is defined as 1 or 0. If the list is transparent the background will show through.

Fontsizes can be either normal, bold

Colors are defined as RGB:255:255:255  
 ( where the three parts are red, green, blue values )

## Theme File Tags

The following tags are supported in the theme file:

Tag Name	Values	Description
background_stretch	1 or 0	Specifies if the background image is to be sizes to fit all device screens
background	Name	The name of a file in the theme folder for the 240x320 devices
background_landscape	Name	The name of a file in the theme folder for the 320x240 devices
background_square	Name	The name of a file in the theme folder for the 240x240 devices – Pocket PC Only
background_classic	Name	The name of a file in the theme folder for the 176x220 devices. Smartphone Only
textcolor	RGB	RGB:255:255:255 (Red,Green,Blue) The color of the text used in the main product
popupbackground	3 Values	Filename, xpos,ypos
popupbackground_landscape	3 Values	Filename, xpos,ypos
popupbackground_square	3 Values	Filename, xpos,ypos
Popupbackground_classicsmartphone	3 Values	Filename, xpos,ypos
popup_tasklist	9 Values	Left, top, width, height, transparent, fontsize, fontstyle, textcolor, selectedtextcolor
popup_tasklist_landscape	9 Values	Left, top, width, height, transparent, fontsize, fontstyle, textcolor, selectedtextcolor
popup_tasklist_square	9 Values	Left, top, width, height, transparent, fontsize, fontstyle, textcolor, selectedtextcolor
popup_tasklist_classicsmartphone	9 Values	Left, top, width, height, transparent, fontsize, fontstyle, textcolor, selectedtextcolor

## ***Example Theme File***

```
; fizz monitor - blue wave theme - smartphone
; copyright fizz software ltd 2006
;
; all screens sizes should be supported
;
; all screens should assume qvga size - vga devices will scale -
; classic smartphone screen sizes are not adjusted
;
; pocketpc : 240x320  squarescreen 240x240  landscape 320x240
; smartphone : 176x220  QVGAsmartphone 240x320  landscape 320x240
;
; colors are defined as RGB:255:255:255
; fontstyles are defined as normal,bold
;
;-----main product
; this background image will look fine stretched to whatever the device size
background_stretch=1
;
; main product background - vga images should be supplied ( eg bluewave_vga.jpg or bluewave_land_vga.jpg )
; backgrounds are always jpeg images
background=bluewave
;
; the background text color for the main product
textcolor=rgb:255:255:255
;
;-----popup window from home/today screen
; popup homescreen dialog - imagename,left,top
; vga devices will look for files as below but with a _vga.tga extension
; skins are always .tga images
;
popupbackground=bluewave,0,175
popupbackground_landscape=bluewave_land,0,96
popupbackground_classicssmartphone=bluewave_sp,0,83
;
; popup task list control
;-----
; active running tasklist - left,top,width,height,transparent,fontsize,style,textcolor,textcolorsel
popup_tasklist=6,43,229,70,1,7,normal,rgb:255:255:255,rgb:82:186:247
popup_tasklist_landscape=4,40,314,73,1,7,normal,rgb:255:255:255,rgb:82:186:247
popup_tasklist_classicssmartphone=4,40,166,73,1,7,normal,rgb:255:255:255,rgb:82:186:247
```