Giftab V.15.04

1. Historical introduction

The first version of the program I ve ever done in 1996. At this time in addition to Windows was still active MS DOS files with short names ie. 8 characters for the name and 3 characters for extension. Also, files on the Internet had therefore short names such as index.htm .

In the beginning of Internet was widespread .gif images. Their size as the file was small and therefore suitable for then speed Internet. Authors use then better their Web site. I was also one of the "collector" small .gif images, and so I have create the directory with foreign images in .gif format.

For use your pictures and select one for your need the image file name is usually not enough, you also need to see the picture. Furthermore the animated .gif images were seen moving only with the help of Web browsers. Giftab program was created as a continuation of my previous program AUTOGIF.

Please try to enter into Google the words **giftab stofko** and you return to history.

However, the development went ahead. I ve been to continue the use of my program. Changes have occurred that enforced a further development of the program Giftab. If they are in Windows still a short filenames, so it still go. When I moved to WIN7 too and in accordance with the SSD drive switch off the parallel generation of short filenames the story was at end.

Meanwhile, I established with a program Giftab whole gallery of my photos in .jpg format . Support of .gif and .bmp files I have canceled. I returned now to program Giftab again as a pure console program in Windows. To determine compatibility with the years 1996-1998 , some parameters still remain, but I doesn't exists return to the past.

2. How the program works

The program name was derived from its function. The program create a HTML table (Tab) with pictures (Gif) in a reduced size and by clicking on "thumbnail" showes the full size image.

The program has no graphical frontend, an icon or menu. In one directory enter your photos in .jpg format and program Giftab.exe. When you click on this Giftab.exe it will search the current directory and create there **index.html** file with references to all .jpg files from the directory. This way the role of the program ends, and you can delete it from the directory. Because of its size below 10 kB this is not necessary.

So you can send someone or expose your photos to the Internet. You need a index.html file and associated images. Some users in the past thought that Giftab.exe file must be sent or stored on a Web server too. Hmm, nobody allow you to run the .EXE program at the Web server.

3. How to edit photos

Today s cameras but also a better smartphones create picture with horizontal dimension of 1500 pixels (dots) and more. These photos must be shrink for use with Giftab. Due to the fact that today s PCs handle normally 1000 pixels in width, it is suitable to reduce all the pictures of uniform width of 900 pixels. In the past I used a width of only 640 pixels, but today there is no reason for an investigation.

Pictures that are exposed in Portrait but not in Landscape I reduce to height of 640 pixels and a reasonable width.

I recommend for reduction to use the program **Photoscape** that is free and you can find it here :

http://www.photoscape.org/ps/main/index.php

4. Number of photos on the page and their names

Although the program still generates an index.html file with references to the 50 photograph, then your Internet browser can not handle it, because it will try to load all the photos at once into memory.

The program does not generate "thumbnails" image. What you see as a small icon is overtaken only an Internet browser function.

Manageable number of photos is 20 to 26 . You can try more, but if you want that someone on the Internet watch your work too , think about how long he will download the photos to his PC or even Smartphones.

Because Giftab "publishes" Sorting photos by name, it is advisable to number your photos. By thus achieved that the user sees on the generated page image in the correct order. A small example. You have three photos from tour to Mont Blanc :

On the peak of Mont Blanc.jpg
Rest under Mont Blanc.jpg
Start of tour to Mont Blanc.jpg

Photos show Giftab nice alphabetically, as listed above, but it does not fit with the time of tour. You must edit the names Giftab photo as follows:

01 Start of tour to Mont Blanc.jpg
02 Rest under Mont Blanc.jpg
03 On the peak of Mont Blanc.jpg

For publication on the Internet it is important to adhere to the same case of letters, ie. small or large. In your local directory on the PC is not important if the name or photo is **My car.JPG** or **My Car.jpg** . But if the program Giftab.exe finds by generation the name My car.JPG the corresponding name is in the generated index.html file also the reference to that file.

When you later edit the name from My car.JPG to My Car.jpg , at home

ambient will it work, but on the Internet not. Therefore, it is advisable to be sure after a changes always to generate with program Giftab.exe also a new index.html.

And now when you have diminished and numbered photographs, we can do magic. I have prepared a few examples.

5. Minimalist example of use

In my example, in the directory Smal l ve saved the program Giftab.exe and follows photo. (The photo names are in Slovak language) :

01 Posledny list.jpg
02 Brectan.jpg
03 Les v novembri.jpg

A resulting **index.html** file generated by Giftab.exe looks like :

```
<html><head><title>Small</title></head>
<body><center><h1>Small</h1>
<a name= TOP >

<table border= 0  cellspan= 10  cols= 12  width= 100% >
<tr align= center  valign= center >

<td width= 60  height= 60 ><a href= #1 >
<img src= 01 Posledny list.jpg  alt= 01 Posledny list  border= 0
width= 60 ></a></td>

<td width= 60  height= 60 ><a href= #2 >
<img src= 02 Brectan.jpg  alt= 02 Brectan  border= 0
width= 60 ></a></td>

<td width= 60  height= 60 ><a href= #3 >
<img src= 03 Les v novembri.jpg  alt= 03 Les v novembri  border= 0
width= 60 ></a></td>

</tr></table>

<a name= 1 ><br>
01 Posledny list.jpg  182251  22.Nov.2014
20:02:22
<a href= #TOP > [Top] </a>
<p><img src= 01 Posledny list.jpg  border= 1  align= top absmiddle >
<hr>

<a name= 2 ><br>
02 Brectan.jpg  317409  23.Mar.2013  13:37:02
<a href= #TOP > [Top] </a>
<p><img src= 02 Brectan.jpg  border= 1  align= top absmiddle >
<hr>

<a name= 3 ><br>
03 Les v novembri.jpg  214436  12.Nov.2012
11:48:55
```

```
<a href= #TOP > [Top] </a>
<p><img src= 03 Les v novembri.jpg  border= 1  align= top absmiddle >
<hr>
```

```
<p><b>GIFTAB</b> - <i>FREEWARE from <a
href= http://jelenia.hol.es/Giftab/ >
Branislav &#352;tofko</a> Bratislava</i>
</body></html>
```

For one layman to complete the full code of html page is too much. Stay calm, do not have to control all this, most of it does for you Giftab.

The first two lines are .html file heading. Giftab gives a directory name as the title of a page, such as

<title>**Small**</title> and visible header of page as <h1>**Small**</h1>

If you thought the resulting .html file to edit, forget it. Would have trampled program benefits Giftab.exe. Read on, there is written how to do better.

Green and blue parts are created by Giftab.exe and it is not neccesary that you even understand the code. It is essential that you should not edit the result ! The following is a link to the web page of the program and the yellow end tag .html

```
</body></html>
```

When you clicks with mouse over an image in the table (top), the browser jumps to full size. Conversely, if you click on right of the name of the image on text [Top] viewer jumps to the top, ie at a table with icons.

It is important to know that in order for the program does work, you do have to do anything, nor is it necessary to "assemble" into html code that is generated by the program Giftab.exe. The advantage of the program is that now you can add more photos, go and change their names. Whenever to send edited photo and generated new index.html to the Internet.

Sometimes the picture is more like a few words, the result in the directory Small can be found here :

Directory Small

6. The parameters for the program

Although the previous solution is simple and the resulting .html file has the correct syntax, it may not be precisely what you would like to see. Even at home on the PC, also on the Internet, such a page is too raw and not with all properties which today the the Internet allows.

Generated index.html file contains to each picture in the detail view the following information:

`01 Posledny list``.jpg` `182251` `22.Nov.2014` `20:02:22`

1. Name of file
2. File extension
3. The length of the file on disk in bytes
4. Date of file creation
5. File creation time

Some "technical data" may be undesirable for your purpose and what consist in now is how to change it. Well, certainly not in the way of manually editing the index.html for 22 images !!!

Advanced user who can work with a simple editor Notepad , can now adjust the individual parameters in an external file, which must be stored in the directory where it is Giftab.exe.

File **Giftab0.htm** created in Notepad, then can contain even one or more lines where with the parameters for the program Giftab.exe. Name the file is still from the time of the original program from the last century. I respected this historic traditions of my users and of course I did not want to change the names of dozens of my files in my image gallery.

File giftab0.htm is not a full .html file and there is no reason to edit it differently than with Notepad. The first line in the following example will have influence of technical information:

<GIFTAB NOHR NoDetail NoExtension>
<pre>
Moje fotky z výletov na južnú Moravu
od Brna po Břeclav.
</pre>

What is red must be present. In addition word GIFTAB must be capitalized. Just Giftab is not going to work. Then follow the parameters that ends with ">"

Parameters of tag <GIFTAB> :

NONAME

NONAME parameter can suppress the display of file names on the disk. Sometimes the photos as we know that any text is useless. Photos may have a name, they should have a number, but the end user does not need to see it.
Use this parameter <GIFTAB **NONAME**>

NOEXT

NOEXT parameter can suppress the display of file extensions on the disk. Because the new Giftab well treated only with photos in .jpg, displaying a extension is rather pointless. That is only for compatibility.
Use this parameter <GIFTAB **NOEXT**>

NOFILESIZE

NOFILESIZE parameter can suppress the file size on disk.
Use this parameter <GIFTAB **NOFILESIZE**>

NODATE

NODATE parameter, you can suppress the creation date a file on disk.
Use this parameter <GIFTAB **NODATE**>

NOTIME

NOTIME parameter, you can suppress the creation time a file on disk.
Use this parameter <GIFTAB **NOTIME**>

Parameters can combined like this <GIFTAB NOFILESIZE NODATE NOTIME>

NODET

One parameter sets three parameters NOFILESIZE, NODATE NOTIME . This
is useful when you need (usually) to suppress "technical information".

NOHR

NOHR parameter can suppress a separation line between the images. In
the past I like such a solution with <HR> and therefore is this the
standard setting. If you do not like it, you can suppress HR.

BORDER

specifies the frame size table where thumbnails of shape <GIFTAB
BORDER=5> standard is set to BORDER=0 . In this case, in the
introductory part of the generated file is a table with embedded images,
but only the images are visible. Table self is not visible. Solutions with a
"framed thumbnails" is a little bit archaic, but everyone has different
tastes.

All parameters except GIFTAB can be written in lowercase or uppercase.

<GIFTAB BORDER=5 NODATE NOTIME> or
<GIFTAB border=5 nodate notime>

Parameters can be even more meaningful English words like this :

<GIFTAB NoDate NoTime NoExtension>

When the tag <GIFTAB> in the sample file is not found, the program
behaves as if he has found <GIFTAB BORDER=0> and the entire file
giftab0.htm is copied into the output file.

In the current version is not possible to divide the tag <GIFTAB> into two or more lines. Tag <GIFTAB> may be written at the beginning of the line. Various automatic editors usually do more harm HTML files as profit. When you used the now historic FrontPage finally see what is in that file. Typically, is there about 5% of unnecessary commands. Therefore use Notepad please.

What s in a file giftab0.htm after the line where <GIFTAB is will show up after the last picture as a comment, see the following examples.

Sometimes the picture is more like a few words, the result in the directory Medium can be found here :

Directory Medium

7. More activity will give a better result

Giftab.exe creates a table labeled with the name of a subdirectory. This is useful for "domestic" use. But if you want an automatically generated file expose the world to the Internet, you need a little bit better page.

This could be realized, so that you hit into the index.html file and the beginning and end of a page to edit manually. This idyll, however, lasts only until the moment when you change the number of images. Then you edit it manually again and again.

Giftab since V.98.02 has mastering this work for you. Change does not violate compatibility. A user who don't wants to use this feature may not change its procedure established by custom.

Thus another example, all is realized in the file giftab0.htm with the following content :

```
<html><head><title>Blue</title>
</head><body bgcolor="powderblue" text="black"><center>
<h1>Moje fotky z výletov na južnú Moravu</h1>

<GIFTAB NOHR Noextension NOFILESIZE noname>

<p>
Tieto fotky boli urobené s fotoaparátom <b>FUJIFILM</b>.
</p>
```

The first part a page header is defined now manually each time, this significantly change the page layout. For simplicity, I have left the name of a Web browser window simply as **<title>Blue</title>** . Of course between tags <title> and </title> you can also write what fits you.

Colours are set here : **<body bgcolor="powderblue" text="black">**

I used English names of colors. Now I will not stand in basic HTML manuals. Colors can also be found here: Color table

On a green background are the parameters for Giftab and at that point program puts your photos.

At the end by using the tag Paragraph <p> I added comment.

Once again, slowly. You define the file giftab0.htm only once. Then you can add and remove images in the directory and Giftab will always generate the correct html .

Sometimes the picture is more like a few words, the result in the directory Blue can be found here :

Directory Blue

8. Diacritics

I usually solves accents at the end . And now it s time to fix this . Another example uses a different color , but there are no accents .

```
<html><head><title>Autumn - Farby podzimu</title>
</head><body bgcolor="tan" text="white"><center>
<h1>Farby podzimu</h1>
```

```
<GIFTAB NOEXT NOFILESIZE NOTIME NODATE>
```

Sometimes the picture is more like a few words, the result in the directory Autumn can be found here :

Directory Autumn

When you need to use accents , functional but complicated method is to use the numeric character codes. Instead character **č** is the code **č**

```
<html><head><title>Flowers - Farby kvetov</title>
</head><body bgcolor="hotpink" text="navy"><center>
<h1>Pestré farby kvetov</h1>
<p>Svet je farebný<br>a nájdeme v &#328;om aj<br>pestré farby
kvetov.<br>
Sta&#269;í sa pozorne díva&#357; okolo seba.</p>
```

```
<GIFTAB BORDER=2 NOEXT NOFILESIZE NOTIME NODATE>
```

Text at the **<title>** and **<h1>** is different, and you can there also see the use of the parameter **border** .

Sometimes the picture is more like a few words, the result in the directory Flowers can be found here :

Directory Flowers

8. Using CSS and back link at the Gallery

In the event that you are creating a web page , for example, from your holiday , it would seem appropriate to have the same color. Now you have

three folders London , Paris , Amsterdam . You can easy to achieve matched fashions by file giftab0.htm . After the "color-tuning" in London copy the file giftab0.htm into other folders , and there obviously only change the **title** and **h1** .

Another option is to use a common file with definitions of style with the extension .css . Here is an example :

```
<html><head><title>CSS</title>
<meta http-equiv="Content-Type" content="text/html; charset=
windows-1250">
<link rel="stylesheet" href="../styles.css" type="text/css">
</head><body><center><a href="../index.html"><h1>CSS a zpätný
link</h1></a>
<GIFTAB NOHR NOEXT NOFILESIZE NOTIME NODATE>
```

Charset = **windows-1250** ensures accents. Style file is used in a parent directory here
href = **"../** . This will then be common to all the lower directories. Then when you add in the previous example, your next holiday town , perhaps Berlin, will in all cities of the same color.

In my gallery on the Internet every time after clicking on the title, here the text between the <h1> and </ h1> Your browser goes back to "master page". This is achieved in the line where is **a href="../index.html" .**

You can see this here :   Directory CSS and back link

And yet for the sake of completeness, the content of my file styles.css

```
* {
     font-size: 16px;
     font-family: Verdana;
     }
body {
     background-color: #ffffe0;
     }
h1 {
     font-size: 32px;
     text-align: center;
     }
h3 {
     font-size : 20px
     }
pre {
     color: black;
     background-color: white;
     font-family: monospace;
     font-size: 20px;
     font-variant: normal;
     font-weight: bold;
}
```

My gallery of photos made with the program Giftab is here :
http://jelenia.hol.es/

9. Conclusion

The program is freeware. But the author reserves the right to decide where the program will be stored for downloading. If you intend to store the program for downloading on another server, please inform the author.

The program Giftab.exe has in the current versions the following properties :

Length   6 144 Bytes
Date   14.May.2015
Time   01:52:41

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