

Summary of the "seminar-discussion" 7/12/2004:

## **Editing Homepages and the Structure of the Homepage of Sedimentology**

*I. Dunkl & C. Fischer*

*content:*

### **Minor technical recommendations:**

- Total Commander
- IrfanView
- settings in Control Panel
- file naming convention

### **What is HTML?**

- some definitions
- major components of a HTML text

### **Which HTML program?**

- Arachnophilia
- Front Page
- Dreamweaver
  - How to convert formatted text?
  - How to convert a table?
  - How to make a link?
  - How to insert a picture?  
    Bitmap tailoring.
- How to put on the web what is ready?

### **Interesting Sediment Homepages**

### **Homepages in the GZG**

### **What have we done already?**

### **And now...**

- layout
- content / add maybe "Photo Galery", "Literature for courses", .....

## Total Commander or Windows Commander

- transparent structure
- parallel, double file list
- comfortable zip & unzip
- F4 shows the real (byte by byte) content of the file
- easy upload to the server

## IrfanView

- the smallest, fastest and one of the smartest bitmap editor; ideal for picture tailoring

**Settings** - very much recommended:

My computer / Tools / Folder options / View / Hide file extensions for known file types  
DISABLED!

## File naming

- no space,
- only small characters,
- extension: html

**HTML** (HyperText Markup Language) [Tim Berners-Lee, 1990]

*best description:* REhtml-32.html

```
<html>
<head>
<title>Web-map of metamorphism</title>
<meta name="title" content="Web-map of metamorphism">
      THESE ARE IDENTICAL, JUST IN DIFFERENT DIALECT
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-
1">
<meta name="description" content="Web edition of the Metamorphic Map
and Database of Carpatho-Balkan-Dinaride Area">
<meta name="keywords" content="metamorphism, petrology, map">
<meta name="Author" content="Istvan Dunkl">
</head>

<body bgcolor="#FFFFFF" text="#000000">
Dear All!
<p>Welcome at the Homepage discussion!</p>
<p>Istv&acute;n Dunkl</p>
</body>
</html>
```

Absolute or **relative** link !!!

To be linked, or to be not linked?

Upload and test, test, test and more test!

### **Arachnophilia**

- very stable, very robust

- not comfortable

--- facit: *best for check and for minor modifications*

### **FrontPage**

- the real imperialist, FrontPage always knows better what I want to make

- danger! it overwrites the links, puts lines into the HTML code those are visible only for Internet Explorer !!!

- very comfortable

--- facit: *not recommended and try to avoid the usege on Sedi common files*

### **Dreamweaver**

- parallel windows, excellent for learning and tracing what is in the HTML code

- creates short and transparent code

- a bit unclear handling of exotic chatracters

- very comfortable

--- facit: *recommended, probably the best compromise in 2004*

### **Word 97**

- easy HTML export of a formatted text

- creates short and transparent code

- avoid tables and figures in the text at the DOC --> HTML conversion

--- facit: *recommended*

### **Word 2000 (and also 2003)**

- creates extremely long HTML code

- danger! it overwrites the links, puts lines into the HTML code those are visible only for Internet Explorer !!!

--- facit: *nightmare, avoid the DOC --> HTML conversion in this way*

### **How to convert a table?**

The conversion of tables directly from Excel to HTML format creates huge files and it can be rather difficult to edit them later on.

--- facit: *avoid the simplest method!*

The recommended method brings into the HTML code less format, but it remains stable and will be visible also for non-M\$ browsers.

Steps:

- 1) export the excel table as a rich text file (.rtf extension)
- 2) open the rtf file by Arachnophilia, let it convert to HTML
- 3) save HTML file
- 4) further editing, formatting and decoration by Dreamweaver
- 5) decide the size/zooming property and type into the HTML code:

either `<table width="95%">`

or `<table width="700">`

### **How to make a link?**

Dreamweaver:

- 1) copy the target file into the directory structure that (will) exist on the server
- 2) select the text
- 3) Link / Browse for file
- 4) check HTML code: it must be a relative link

### **How to insert a picture?**

- 1) Decide the rough size of the planned image (the whole screen is ca. 1000 x 1200 pixel, if the web page contains frame the available area can be considerably less). Not advisable to insert images wider than 700 pixel and higher than 400 pixel.
- 2) Convert the image to the estimated pixel size by IrfanView or Corel PhotoPaint (or PhotoShop, but it is rather complex).
- 3) Apply as high grade compression as possible without damaging the picture quality.
- 4) Copy the image file into the directory structure that (will) exist on the server.

Dreamweaver:

- 5) Insert / Image.
- 6) Check HTML code: it must be a relative link.

### **How to put on the web what is ready?**

Total/Windows Commander:

- 1) Net / FTP connect
- 2) upload newly generated files into the proper directories of the server
- 3) switch on browser, reload the newly generated files, check layout and that the links are working and check again with an other browser ...