

HTML - Introduction

All classes

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Internet

- more then 50 years old
- military project from the USA
- www since ~ 23 years famous in the public
 - World Wide Web
 - graphical interface to the internet
 - part of the internet
- other parts?
 - email
 - file (download)
 - chat
 - TV / phone

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Internet

- www = world wide web
- four important words belong to **www**
 - **http**
 - **browser**
 - **server**
 - **html**

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What to do with the internet?

- Tasks
 - Homepage / Surfen
 - Email
 - File
 - Movies
 - Shopping
 - ...

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Simple Example - 1

- New Text File -> "hello.txt"
 - write "hello Tibet"
 - open with a browser
- Now, copy "hello.txt" to "hello.html"
 - open with a browser
- Congratulations! Your first webpage
 - compare the differences

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Simple Example - 2

- New Text File -> "hello2.txt"
 - write "hello Tibet"
 - open with a browser
- Now, copy "hello2.txt" to "hello2.html"
 - open with a browser
- Congratulations! Your second webpage
 - compare the differences
- hello2.txt
 - **displayed** by the browser
- hello2.html
 - **interpreted** by the browser

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HTML introduction

- KompoZer -> new File
- this is the skeleton of a website

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html>

  <body>

    This is my first web page

  </body>

</html>
```

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HTML introduction

- doctype, html and body
 - <!doctype>
 - <html></html>
 - <body></body>
- tags
 - "The basic structure of an HTML document includes tags, which surround content and apply meaning to it."

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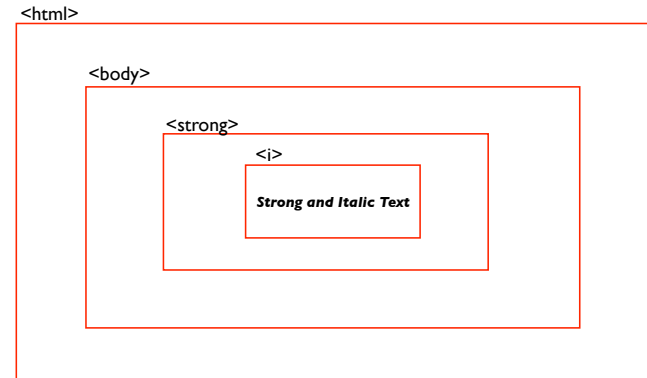
HTML introduction

- `<html>` tag surrounds the `<body>` tag
 - `<html>` tag applies a meaning to the `<body>` tag
- `<body>` tag surrounds text
 - `<body>` tag applies a meaning to the text

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html>
<body>
    This is my first web page
</body>
</html>
```

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Tags / Container



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HTML introduction

- `<!Doctype>`
 - tells the browser different things
 - now, not important for you, but for the browser
- `<html></html>`
 - the opening tag says the browser, that everything until the closing tag (`</html>`) is part of the HTML document
- `<body></body>`
 - the opening tag says the browser, the everything until the closing tag (`</body>`) is visible in the browser window
 - this is a part of the HTML document, because it is surrounded by the `html`-tag

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