

XML Data Management @ unibz - 2010/2011
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W3C XHTML

in a tiny nutshell

Intro

- XHTML is a reformulation of HTML 4 as XML published by W3C as a recommendation in 1999/2000
- it is a concrete example of a wide-spread XML schema; we're using it as an environment to see more about XML related technologies, such as style sheets and transformations (you will **not** be a web designer after attending this course, though)

Sample document

Introduction

Rule #1

There are **too many** rules.
Really.



[a link](#)

course mark

XML 30

Java 28

what's up?

name:

how are you?

XML is:

- fantastic
- incredibly useful
- most important

you prefer:

- Oracle
- PostgreSQL
- MySQL

text structure

embedded media

hypertext links

tables

forms!

bonus task: execute the SQL from the XML schema slides in MySQL?

Sample document

Introduction

Rule #1

There are **too many** rules.
Really.

```
<!-- text structure -->
```

```
<h1>Sample document</h1>
```

```
<h2>Introduction</h2>
```

```
<h3>Rule #1</h3>
```

```
<p>
```

```
  There are <strong>too many</strong> rules.<br/>
```

```
  Really.
```

```
</p>
```



[a link](#)

```
<!-- an embedded image and a hypertext link -->
<p>
<br/>
<a href="chris.jpg">a link</a>
</p>
```

course mark

XML 30

Java 28

```
<!-- a table -->
<table>
  <tr>
    <th>course</th>
    <th>mark</th>
  </tr>
  <tr>
    <td>XML</td>
    <td>30</td>
  </tr>
  <tr>
    <td>Java</td>
    <td>28</td>
  </tr>
</table>
```

what's up?

name:

how are you?

feeling great!



XML is:

- fantastic
- incredibly useful
- most important

you prefer:

- Oracle
- PostgreSQL
- MySQL

```
<!-- a form with lots of elements -->
<h3>what's up?</h3>
<form>
name:
<input type="text" name="name" value="" /><br/>
<br/>
how are you?<br/>
<select name="mood">
  <option>feeling great!</option>
  <option>fine</option>
  <option>sad :-(</option>
</select>
<br/><br/>
XML is:<br/>
<input type="checkbox" checked="on" /> fantastic<br/>
<input type="checkbox" checked="on" /> incredibly useful<br/>
<input type="checkbox" checked="on" /> most important<br/>
<br/>
you prefer:<br/>
<input type="radio" name="db" />Oracle<br/>
<input type="radio" name="db" checked="on" /> PostgreSQL<br/>
<input type="radio" name="db" disabled="yes" /> <del>MySQL</del><br/>
</form>
```

Validation of XHTML

- if you write XHTML documents you should make use of the W3C validation service at <http://validator.w3.org/>

