

Using CSS in print

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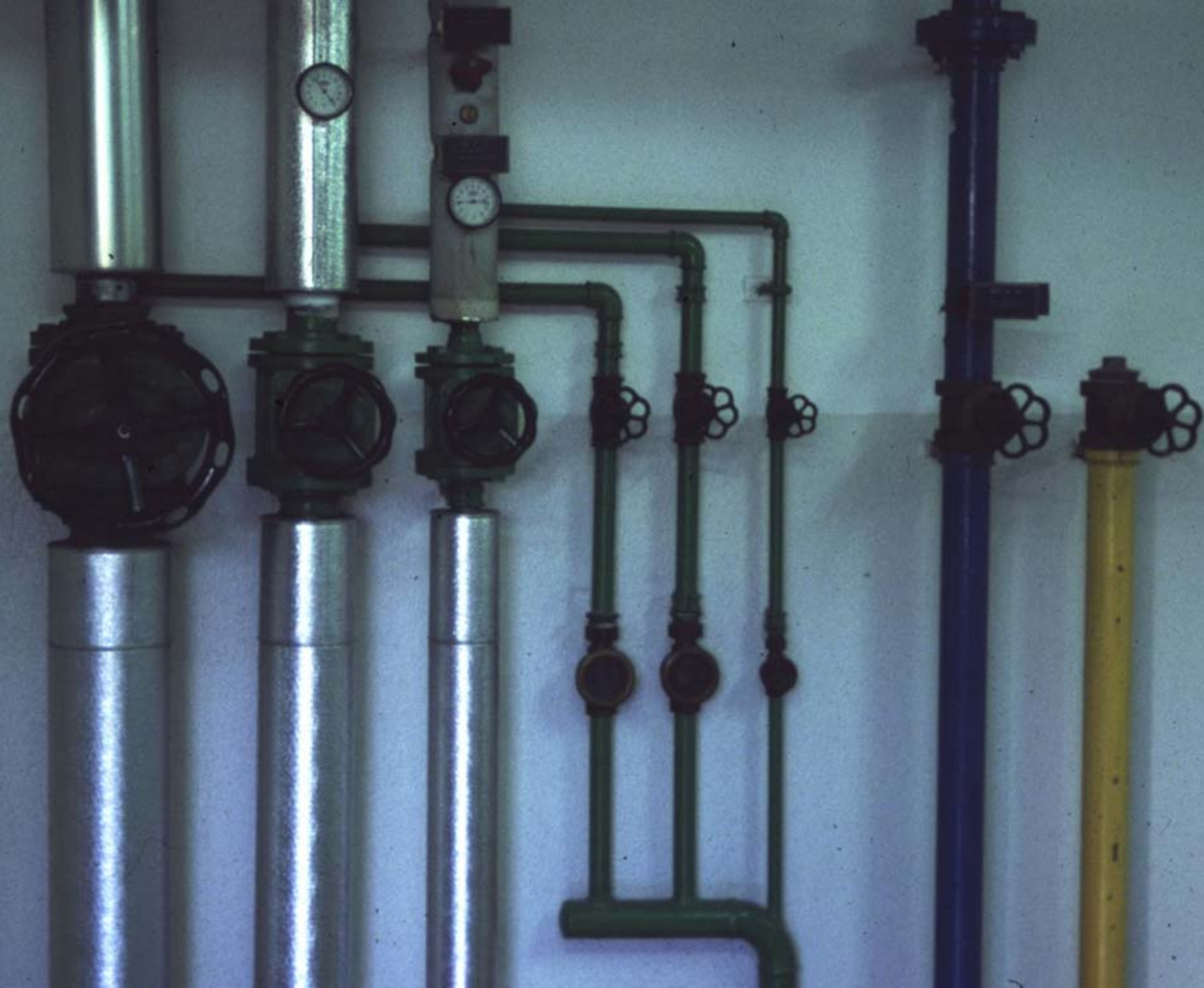
Subject: Goethe

Date: Sun, 21 Oct 90 12:48:14 EDT

Argh! I just thumbed through the latest Gazette and found the name of Goethe spelled with an umlaut, i.e. G"othe. If the author had gone to a German high school, he could sympathize with the intense pain this spelling causes to the German mind! I admit that email is ambiguous for umlauts, and German is a notorious language anyway, but nevertheless Goethe is really Goethe as it stands and nothing else. Please let Goethe be himself next time.

Ole





Prince

- created by YesLogic of Australia
- ambition:
 - to generate high-quality PDF documents
 - using common web standards
 - www.princexml.com
- Prince supports
 - HTML
 - XML: XHTML, Docbook
 - SVG
 - MathML (experimental)
- developed in Mercury
- available for Windows, Linux, Mac

Formatting

- multi-column layouts
- counters
- cross-references
- leaders
- footnotes
- tables
- page floats
- headers/footers
- hyphenation

Case study: The *magic* of Prince

Case study: Guardian's G24

Case study: Restaurant menus

Case study: a book

Ladder of abstraction

semantics



presentation

Ladder of abstraction

semantics



HTML

presentation

Ladder of abstraction

semantics



HTML

GIF, JPEG, PNG

presentation

Ladder of abstraction

semantics



presentation


```
<h1>Introduction</h1>
```

```
<h1 class=chapter>Introduction</h1>
```

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Printing a Book with CSS: Boom!

by BERT BOS, HÅKON WIUM LIE

Published in: [CSS](#), [HTML](#) and [XHTML](#) | [Discuss this article](#) »



HTML and CSS, two of our favorite acronyms, are normally associated with web pages. And deservedly so: HTML is the dominant document format on the web and CSS is used to style most HTML pages. But, are they suitable for off-screen use? Can CSS be used for serious print jobs? To find out, we decided to take the ultimate challenge: to produce the next edition of our [book](#) directly from HTML and CSS files. In this article we sketch our solution and quote from the style sheet used. Towards the end we



Book microformat: boom!

- adds structure/semantics to HTML
- describes parts of a book
 - chapter
 - preface
 - table of contents
 - titlepage
 - halftitlepage
 - ...
- benefits of using boom! vs. book-oriented DTDs
 - reuse of style sheets
 - backwards compatible with browsers

CSS vs. XSL

- CSS is not a programming language

How to break the forgotten Microsoft monopoly. And radically improve typography on the web.

Microsoft's Core fonts for the Web

Andale Mono Arial **Comic Sans MS** Courier
New Georgia **Impact** Times New Roman Trebuchet
MS Verdana

- project started by Microsoft in 1996
- project was terminated in August 2002
- font files still legally available

Goodfish

- <http://www.fontfreak.com/fonts/g/goodfish.zip>
- about 100k
- 5 files:
 - TTF: normal, **bold**, *italic*, ***bolditalic***
 - readme.html

```
@font-face {  
    font-family: Goodfish;  
    src: url(http://www.fontfreak.com/fonts/g/goodfish.zip);  
}  
h2 { font-family: Goodfish, serif }
```

Summing up

- there is only one web...
- ... and printers are part of it
- CSS describes how to print web content
- ... and Prince turns it into PDF