



FAKULTÄT
FÜR INFORMATIK
Faculty of Informatics



Module

EWA

(Entwicklung von Web-Anwendungen)

Development of Web Applications

Summer Term 2016

Academic programs

As mandatory module, 4th term:

033 526 Business Informatics


As optional mandatory, without term recommendation

033 532 Media Informatics und Visual Computing

033 534 Software & Information Engineering

Courses

2.0h VU 184.705 Semistructured Data

- Preliminary Discussion/1st lecture  follows

2.0h VU 188.951 Web Engineering

- Preliminary Discussion/1st lecture  09.03 08:00, HS 17

The exercises of both courses are based on a common scenario (auction house).

Completing the module requires a positive certificate in both courses!



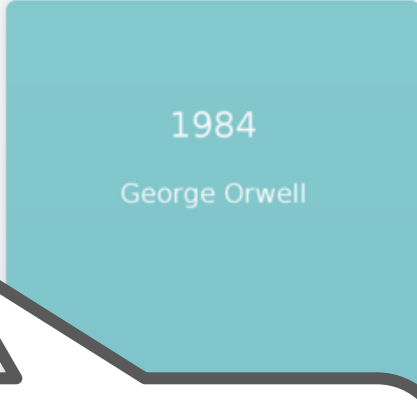
Produkte



Web Engineering.
10,60 €

20:24

Cindy Flo



1984
George Orwell



XML in a Nutshell
34,00 €

6:34

Sue Glover

Static web page

- HTML5
- CSS3
- WAI
- JavaScript
- Responsive Design



Pride and Prejudice
Jane Austen

Pride and Prejudice
10,50 €

The Wizard of Oz
12,40 €

The Great Gatsby
6,30 €

John Doe

Kontostand: 1000 €

Laufend: 2 Auktionen

Gewonnen: 7 Auktionen

Verloren: 3 Auktionen

Zuletzt angesehen:

- Musik
- Buch
- Film

Produkte



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XML data format

- XML Schema
- DTD



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1984
22,00 €

Dynamic web site

- J2EE
- Java Servlets
- JSP



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Michael Curtiz

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The Great Gatsby
F. Scott Fitzgerald

The Great Gatsby
6,30 €

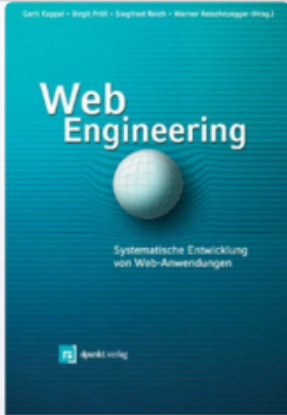
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Queries und APIs

- XPath/XQuery
- SAX/DOM

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Web Frameworks

- AngularJS

Database

- JPA



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Transformation languages

- XSLT

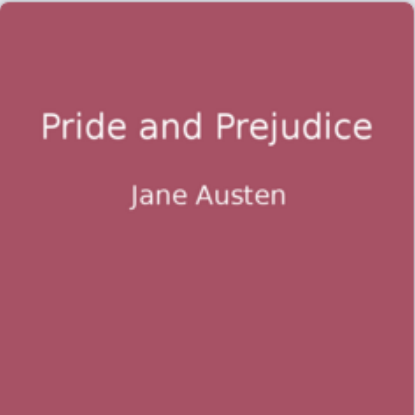
```

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  <xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  <!-- created 2005-12-12 -->
  <xsl:include href="xslt1"
  <xsl:output method="xml"
  <xsl:template match="/" />
  </root>
  <!--
  <xsl:template match="/*"
  <xsl:template match="/*"
  </xsl:template>
  </xsl:stylesheet>
          
```



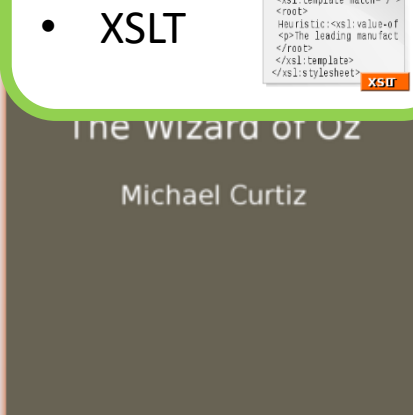
XML in a Nutshell
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6:34 Sue Glover



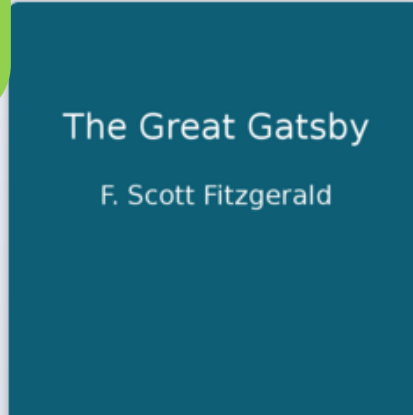
Pride and Prejudice
Jane Austen

Pride and Prejudice
10,50 €



The Wizard of Oz
Michael Curtiz

The Wizard of Oz
12,40 €



The Great Gatsby
F. Scott Fitzgerald

The Great Gatsby
6,30 €

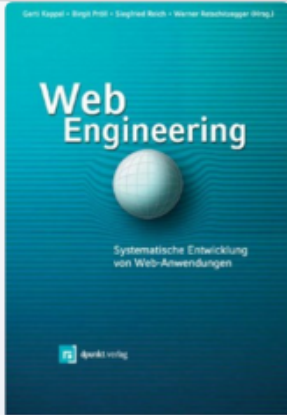
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1984
23,00 €

Michael Curtiz



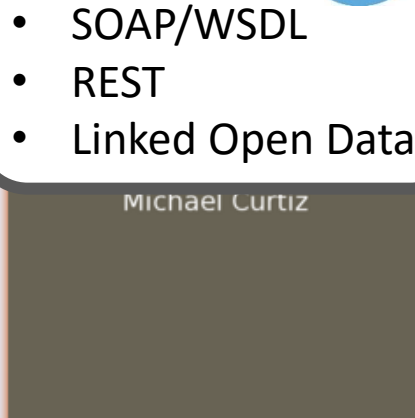
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Jane Austen

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The Great Gatsby
6,30 €

Web 2.0



- SOAP/WSDL
- REST
- Linked Open Data

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Registrieren

Persönliche Daten

Anrede *

Vorname *

Nachname *

Geburtsdatum *

Email *

Passwort *

Versandadresse

Straße/Hausnummer

PLZ/Ort

Land

Mit meiner Anmeldung akzeptiere

TISS and TUWEL

Registrieren

Mit * gekennzeichnete Felder sind Pflichtfelder.