

Mag. iur. Dr. techn. Michael Sonntag

# Computer science concepts in E-Business

## Organization

Institute for Information Processing and  
Microprocessor Technology (FIM)  
Johannes Kepler University Linz, Austria

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<http://www.fim.uni-linz.ac.at/staff/sonntag.htm>

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# Questions?

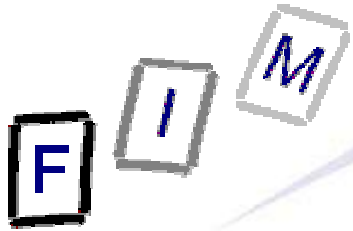
Please ask them immediately!

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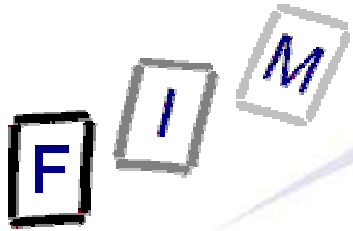
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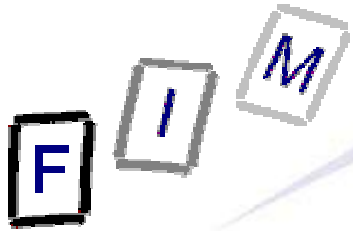


- Cryptography: How to keep information secret
- Selecting software and providers: For SMEs
- DNS: Getting your own domain name and running a nameserver
- Dynamic webpages: CMS, Wiki, Blog, etc.
- XML for E-Business: ebXML, SOAP
- Search engines: Integration, advertisement
- E-Learning: Advantages, platforms, business use
- E-Government: Overview, company services



## Course schedule

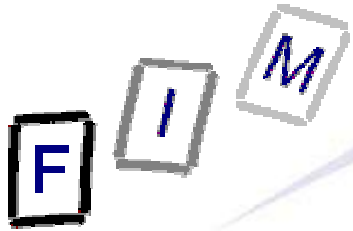
- 6.11. (Saturday): 8:30-13:30  
→ Room T 711
- 27.11. (Saturday): 8:30-13:30  
→ Room T 711
- 10.12. (Friday): 8:30-11:45  
→ Room P 004



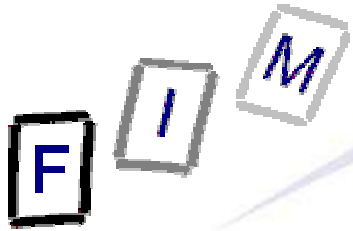
- The slides and information on the course can be found on the following webpage:

[http://www.fim.uni-linz.ac.at/Lva/Informatikkonzepte\\_im\\_E\\_Business/](http://www.fim.uni-linz.ac.at/Lva/Informatikkonzepte_im_E_Business/)

See also the list at the end of each part for more literature and links!



- Small projects during/after the course in groups of 2 students
  - Written seminary paper
    - » Length: Approx. 10 pages/person excluding images, graphics, etc.
  - Practical project
- For each project, a very brief webpage presenting the result must be created
  - Should contain an abstract and the paper
  - Should contain a short description of the project and all files
- Timeframe: 10.1. 2005 (Monday)
  - Send complete result (webpage, paper, source code, examples, etc.) to me in a single ZIP file via E-Mail



- Your own topic!
  - If you have an idea, please talk to me. We will work out an assignment based on it!
- PPTP overview and PPTP+NAT
- VoIP systems and NAT
- Comparison of firewall appliances for SMEs
- Windows DNS server administration + internationalized DN
- TSIG in detail
- Comparison of Open Source CMS
- Installing a WIKI and a Blog on Linux
- Comparison of ebXML applications and their functionality
- Overview and comparison on search engines for private sites
- Use of Blogs and Wikis in E-Learning
- eCard Overview