Konzept zur Vorlesung Data Warehouse 2 (DWH 2)

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Zeit/Ort: BA Stuttgart, Sommer-Semester 2002  
immer Freitag 14:00 – 16:00 Uhr  
(Vorlesung-90 Minuten & Übung-30 Minuten)  
10 Termine: 22.2. bis 10.5.2002, i.e.:  
22.2.,1.3.,8.3.,15.3.,22.3.  
12.4.,19.4.,26.4.,3.5.,10.5.

Inhalt: More Details to BI Concepts, CRM and Frontend Tools:

1. Repetition to DWH 1 & Exercises  
2. Introduction to CRM (oper., analy., collab.)  
3. Introduction to Metadata  
4. Data Population (Advanced, Tools)  
5. Data Quality & Data Cleansing Tools  
6. Reporting Tools (i.e. Business Object)  
7. OLAP Tools (i.e. Hyperion Essbase)  
8. DataMining Tools (i.e. IBM Intelligent Miner)  
9. Examination & Exercises
Literatur: (special literature for DWH2 in **Bold** type):

- **General DWH:**
  - Barry Devlin 'Data Warehouse....', Addison-Wesley, ISBN: 0-201-96425-2

- **DWH & Business Intelligence (BI)** Stefan Eckrich, .... 'From Multiplatform Operational Data to Data Warehousing and Business Intelligence’, IBM Redbook, SG24-5174-00, ISBN: 0-7384-0032-7


- **ETL, OLAP & DB2 OLAP Server:**– Thomas Groh, ... 'BI Services -Technology Enablement Data Warehouse -Perform Guide’ IBM Redbook, ZZ91-0487-00
  - Thomas Groh, ... 'Managing Multidimensional Data Marts with Visual Warehouse and DB2 OLAP Server’ IBM Redbook, SG24-5270-00, ISBN: 0-7384-1241-4

- **Databases (i.e. IBM DB2 UDB; Very Large DB):**- Don Chamberlin 'A Complete Guide to DB2 Universal Database', Morgan Kaufmann Publ. Inc., ISBN: 1-55860-482-0- J. Cook, .. 'Managing VLDB Using DB2 UDB EEE’, IBM Redbook, SG24-5105-00

- **Data Modeling (Historical Models):** - C. Ballard, D. Herreman ..... 'Data Modeling Techniques for Data Warehousing’, IBM Redbook, SG24-2238-00

- **Data Mining:**