

### PUBLICATION AND DISTRIBUTION OF XML BASED ON-LINE TRAININGS

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# **Summary**

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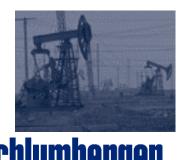


## **1. Overview of Schlumberger**

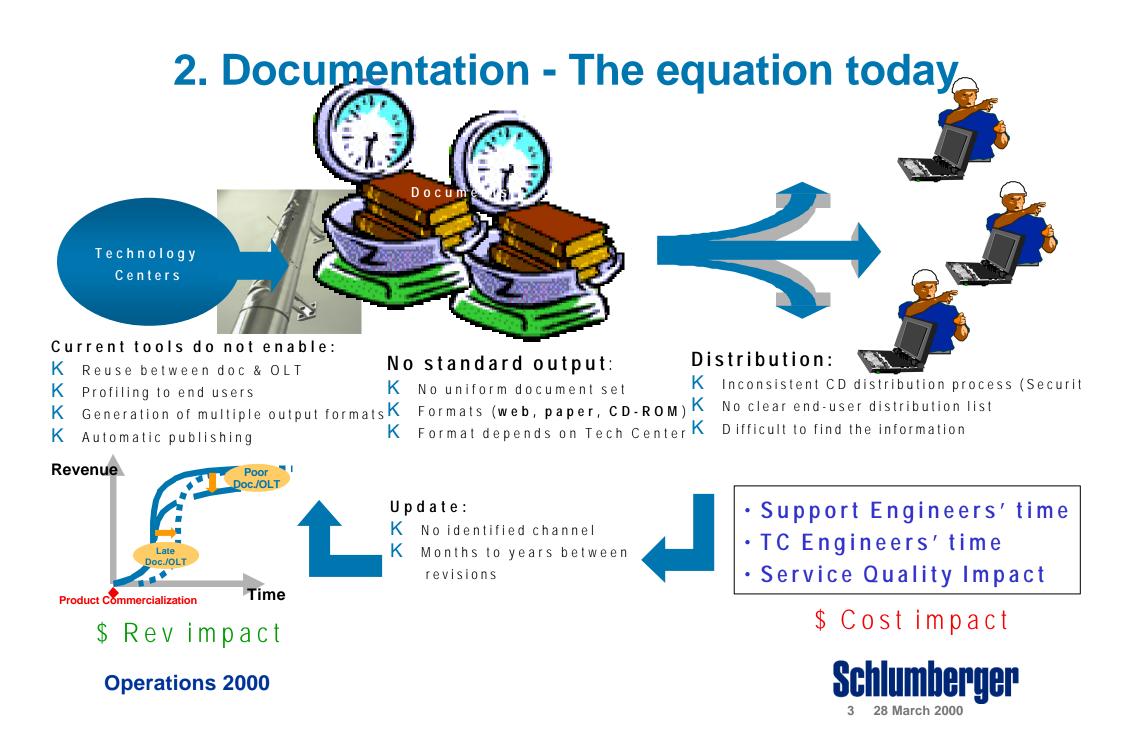
- Schlumberger is a worldwide leader in technical services with 50.000+ employees in more than 100 countries. It comprises three business segments: Oilfield Services, Resource Management Services and Test & Transactions.
- Oilfield Services is the leading supplier of services and technology to the international petroleum industry. It provides virtually every type of service to the upstream exploration and production industry.
- Three Product Groups represent the key processes that dominate oil company requirements throughout the life cycle of the reservoir.
  - Reservoir Evaluation.
  - Reservoir Development.
  - Reservoir Management



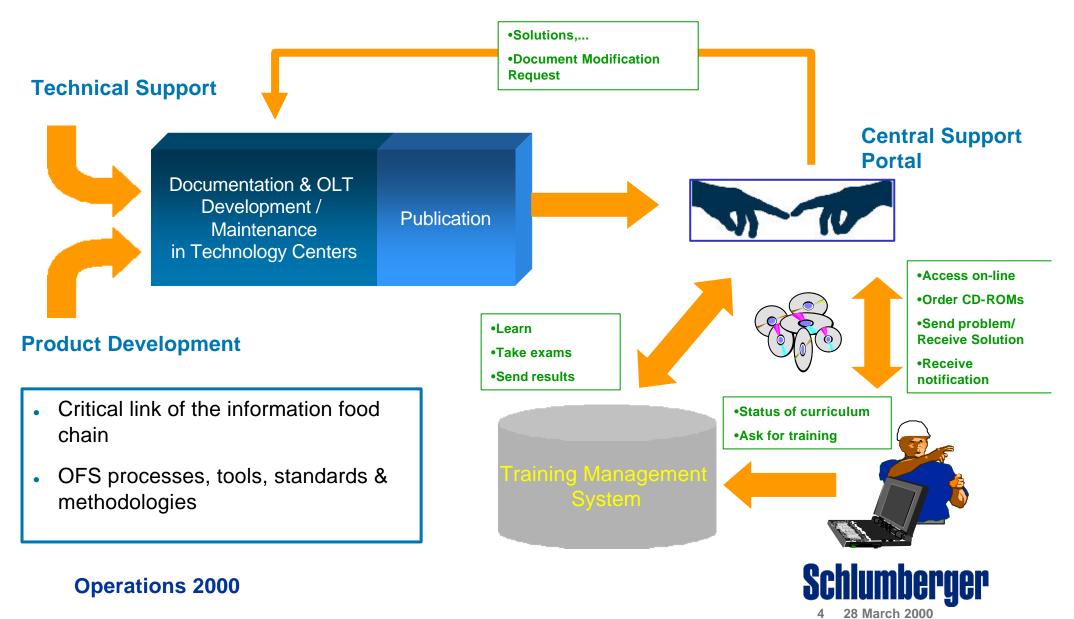








## 3. Documentation and OLT processes



## **4. The solution**

- IT: Define and implement a system to produce Documentation and On-Line Training
  - (i) Set guidelines and standards,
  - (ii) Recommend tools,
  - (iii) Deploy a full EDMS application composed of
    - an Authoring system
    - an EDMS
    - an Assembly system
  - (iv) Implement an IETM for the field users' Bookshelf
  - (v) Define the workflows to "close the loop" between users and producers, through the Request Tracking System
- Train Technology Center People on IT Tools
- Support process & Tools
- Doc/OLT Group to develop, maintain & ensure compliance to standard

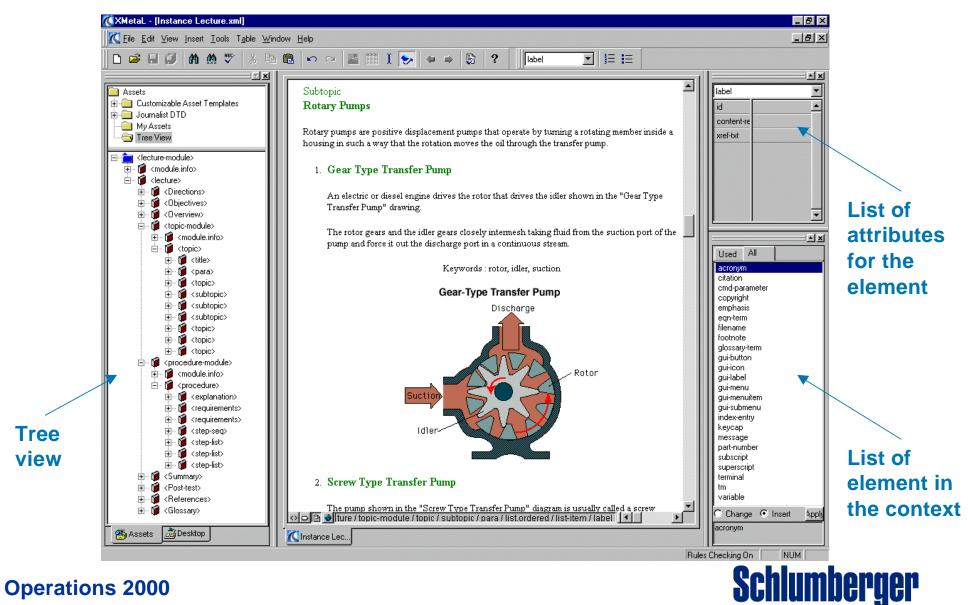


# **5. People concerned**

- Users of the documentation-OLT:
  - Field engineers, many well connected to Intranet, some in remote location poorly connected: 14.000
  - Technicians in maintenance shops
  - In-Touch engineers (technical help desk)
- Creators of Documentation:
  - Located in 10 Tech centers worldwide
  - Technical communicators: 100, expertise in writing tech manuals; publishers of manuals
  - Knowledgeable engineers: 900, expertise in the tool/system/software they design or use; little experience in writing
- Creators of On-line training:
  - Located in 3 tech centers
  - Designers of content: 3
  - Subcontractors

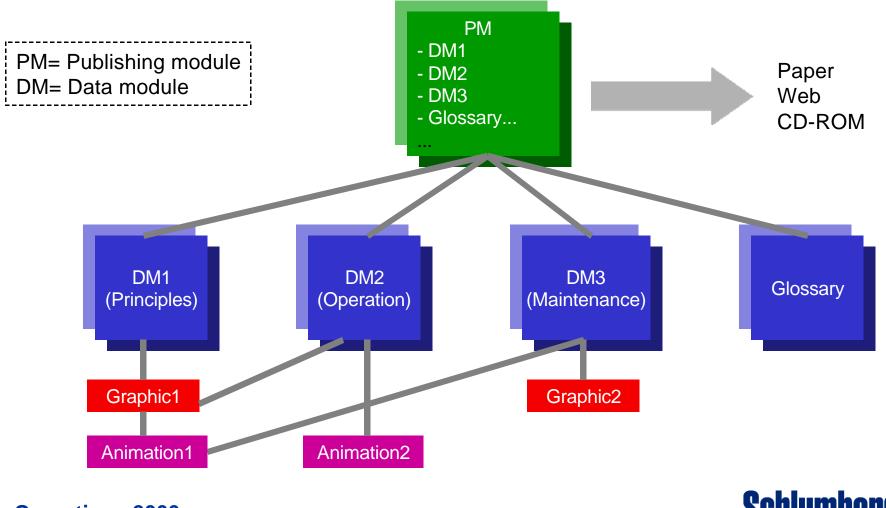


### 6. Demo of XMetaL



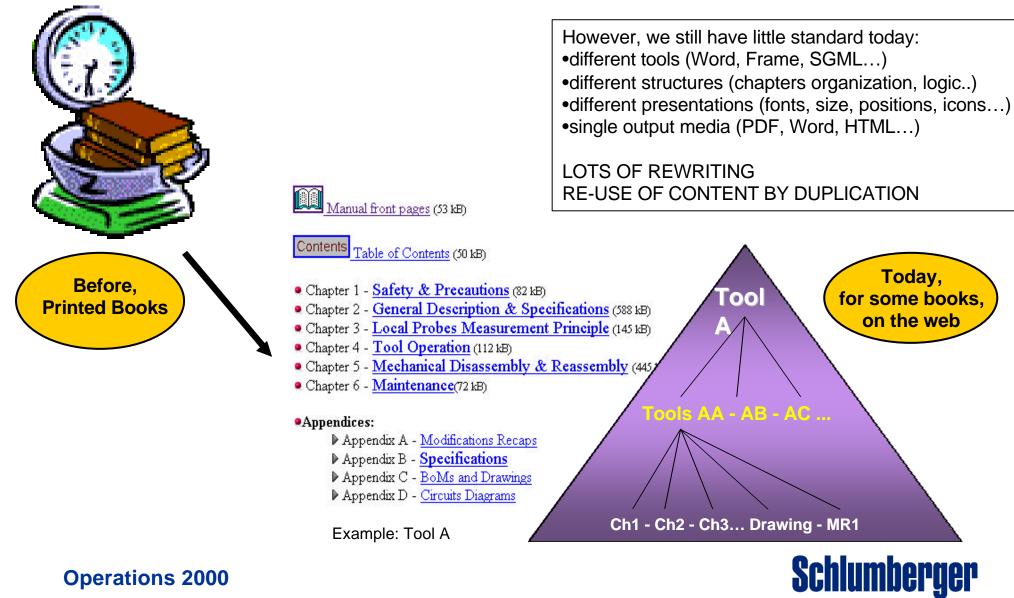
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## 7. What is Modular Documentation?



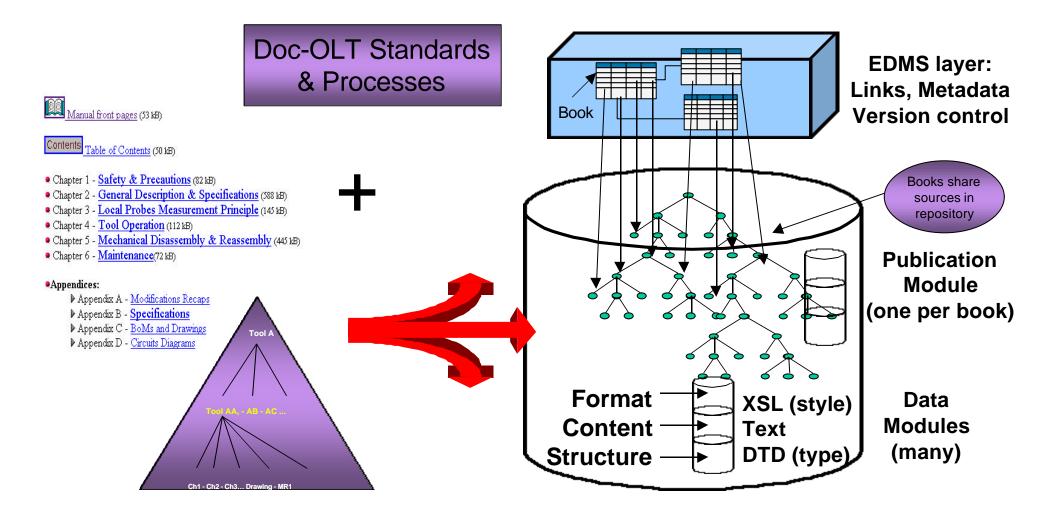


## **Doc-OLT today, somehow modular**



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## Next step Doc-OLT, truly modular





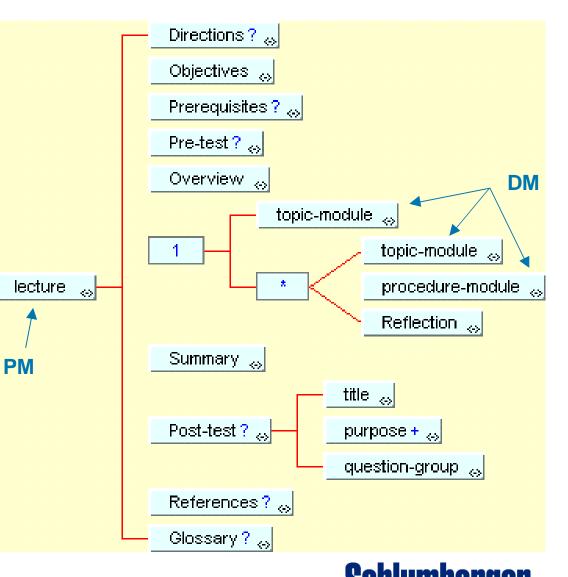
# 8. Conception of the XML DTDs

- Analysis and definition of the OLT types
  - Little existing content
  - Defined the best-of-class OLT
- Analysis and definition of the Doc types:
  - 30 types identified
  - Reduced to 3 major DTDs, and 5 minor
  - Structure of each type quite homogenous
- Creation of the DTDs:
  - Outsourcing of the creation of modular DTDs + authoring environments
  - Reuse of data modules common to OLT and Doc
- Role of the Tech communicators and OLT designers
  - During the analysis, specification and testing phases



## 9. OLT Example: Lecture DTD

- OLT: All training done on a computer, be it directly connected on the Network, for example on the Web, or be it via a CD-ROM.
- A lecture: Declarative knowledge - facts, concepts, principles, theories
- OLT: Different From Documentation... And Yet Similar



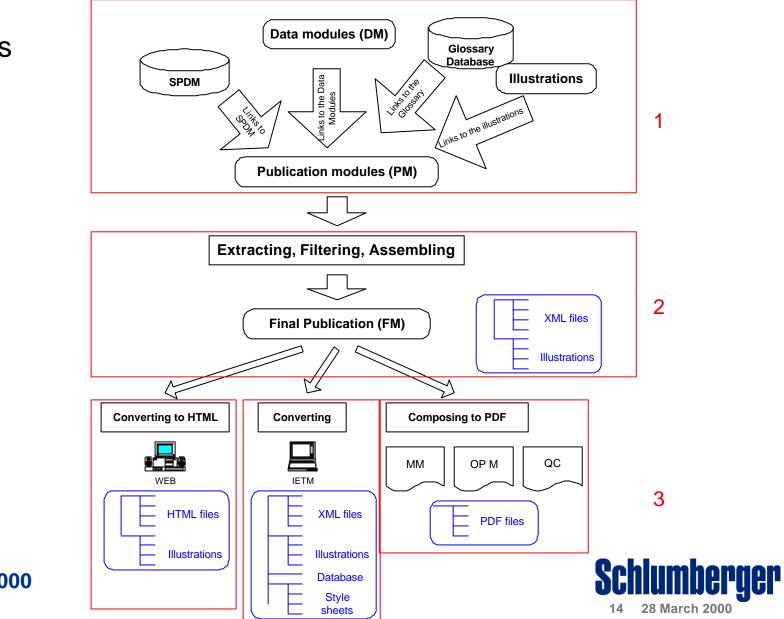
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## **10. EDMS system**

- Authoring tools: XMetaL 1.2, Adept 8.2
- EDMS: Sigmalink
- Publishing tool:
  - HTML in batch: HTML-P and Balise => multi-files output
  - PDF: Adept publisher => multi-files output



## **11. Publication process**



Process



#### **Questions?**



