

PUBLICATION AND DISTRIBUTION OF XML BASED ON-LINE TRAININGS

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Summary

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1. Overview of Schlumberger

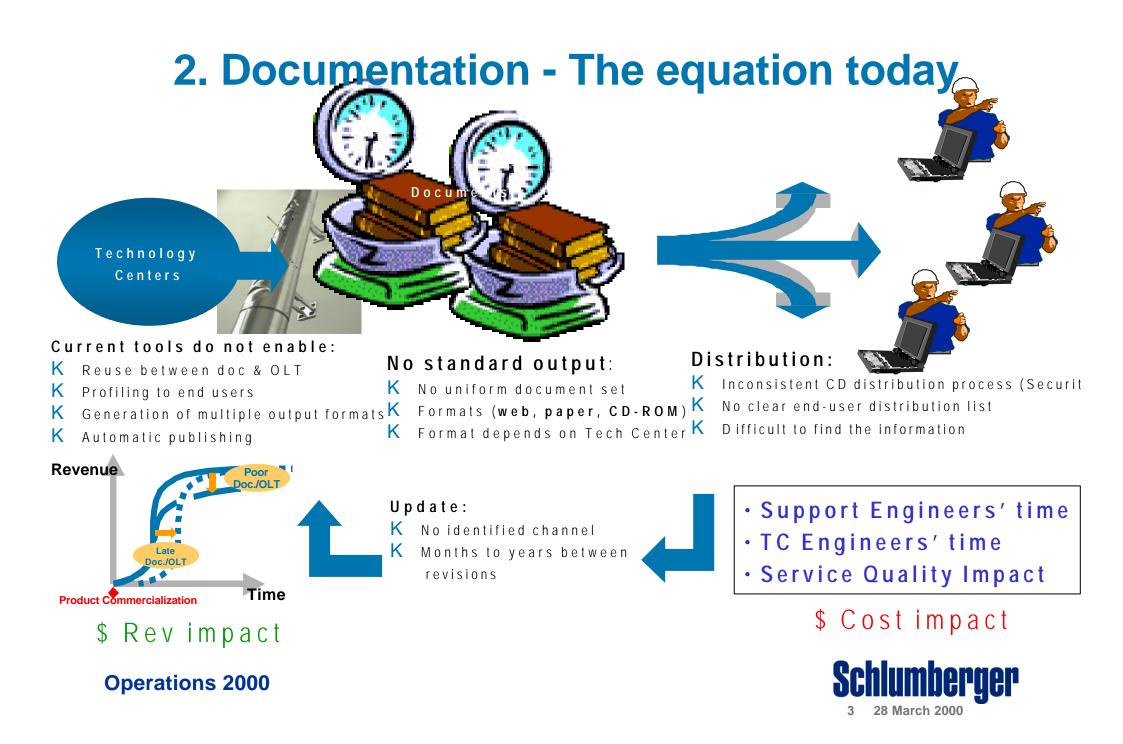
- Schlumberger is a worldwide leader in technical services with 50.000+ employees in more than 100 countries. It comprises three business segments: Oilfield Services, Resource Management Services and Test & Transactions.
- Oilfield Services is the leading supplier of services and technology to the international 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



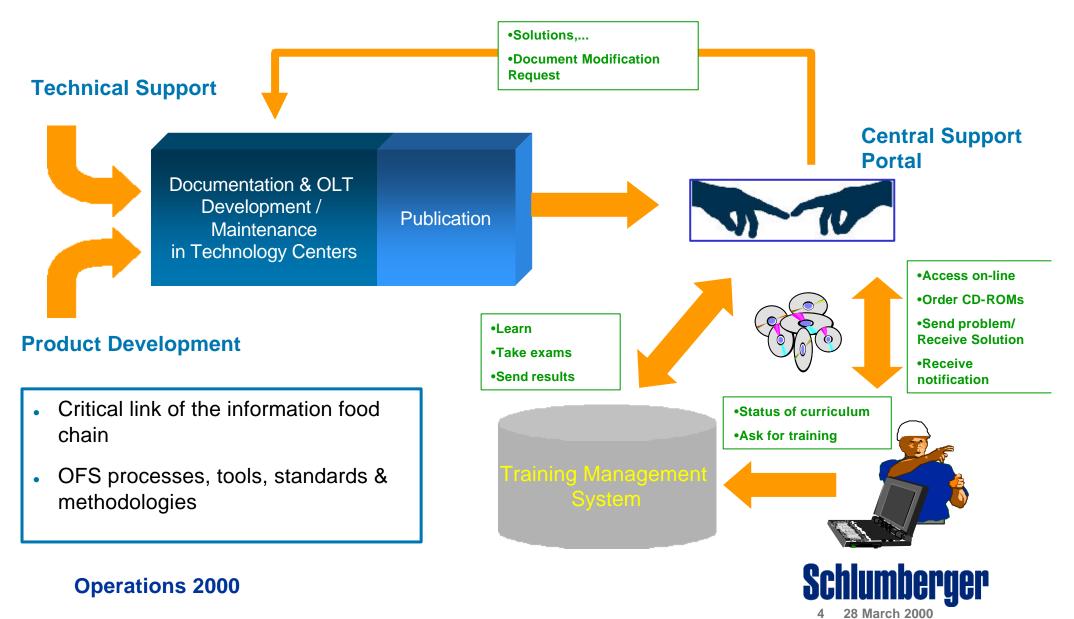








3. Documentation and OLT processes



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

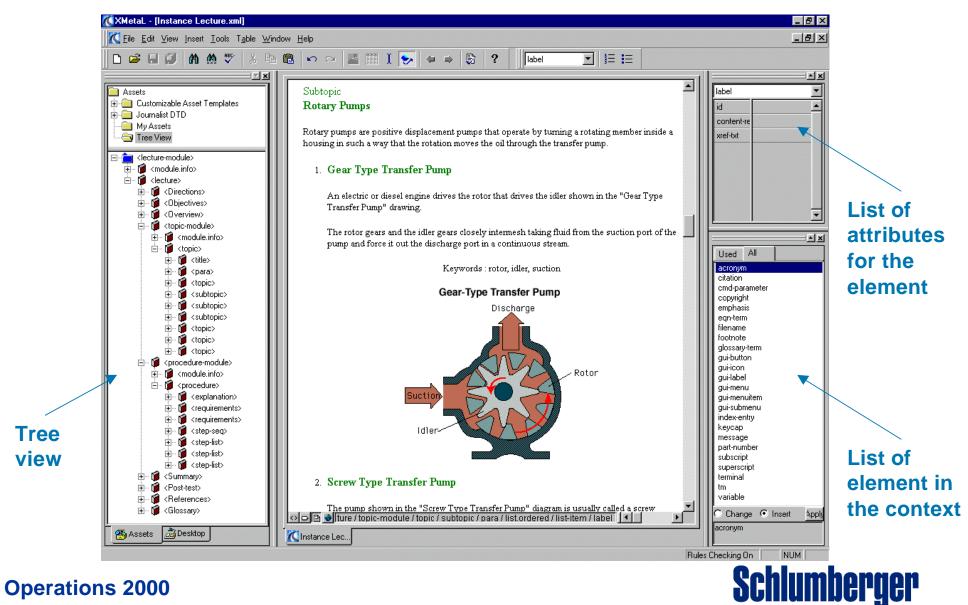


5. People concerned

- 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

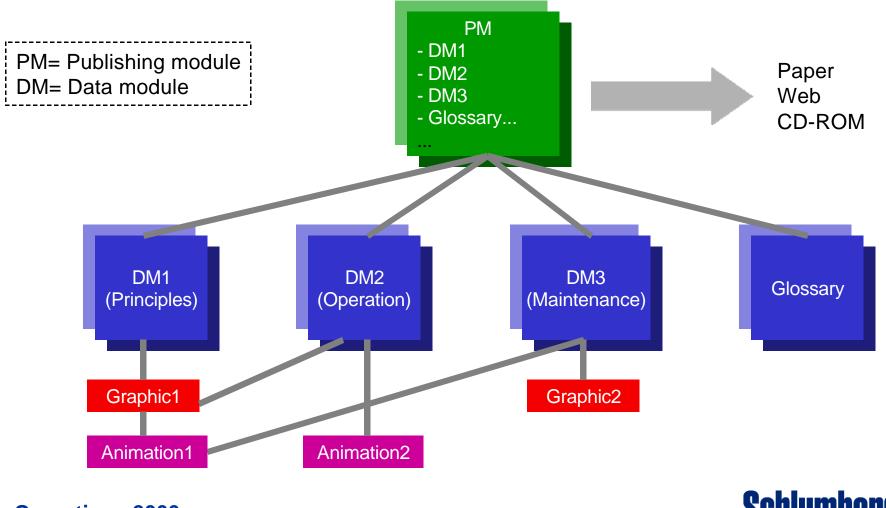


6. Demo of XMetaL



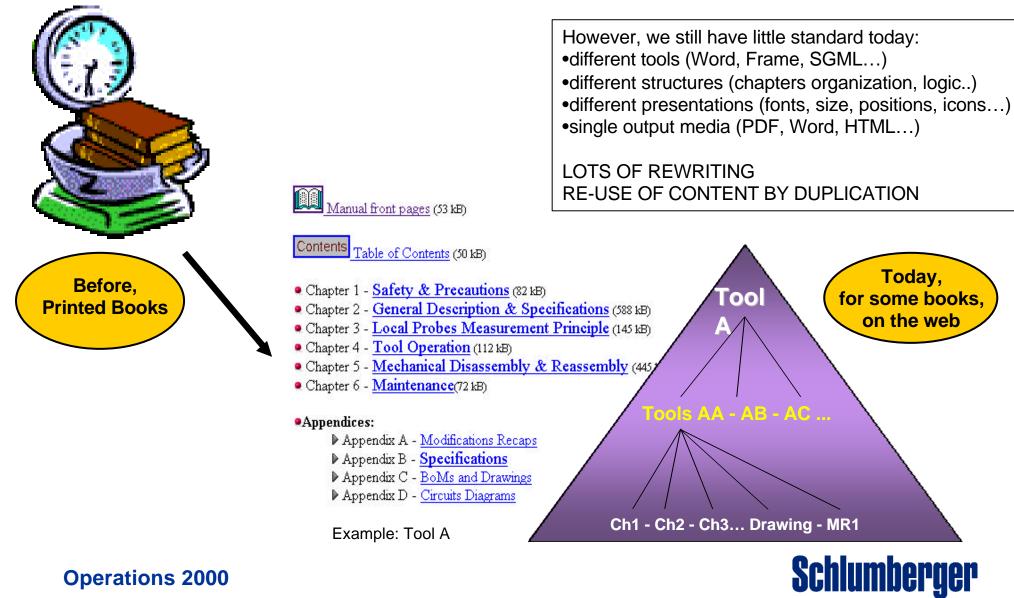
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7. What is Modular Documentation?



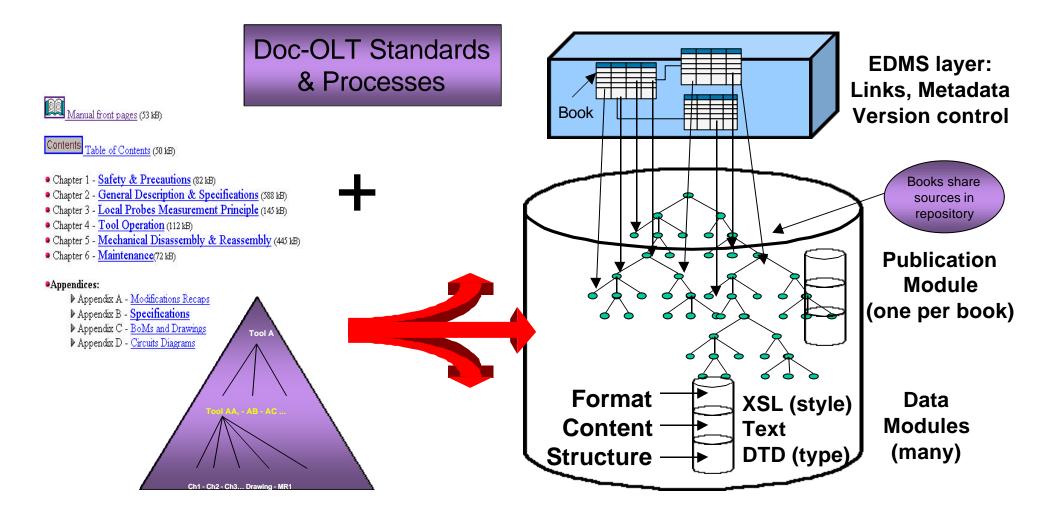


Doc-OLT today, somehow modular



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Next step Doc-OLT, truly modular





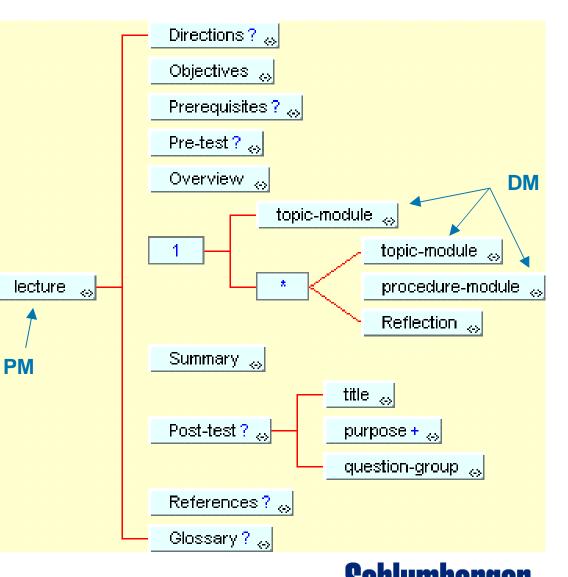
8. Conception of the XML DTDs

- 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



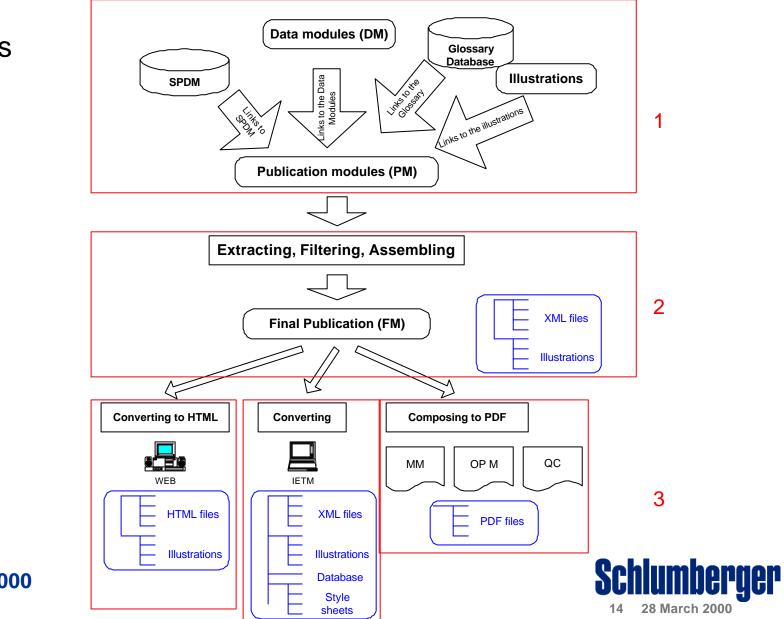
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10. EDMS system

- 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?



