



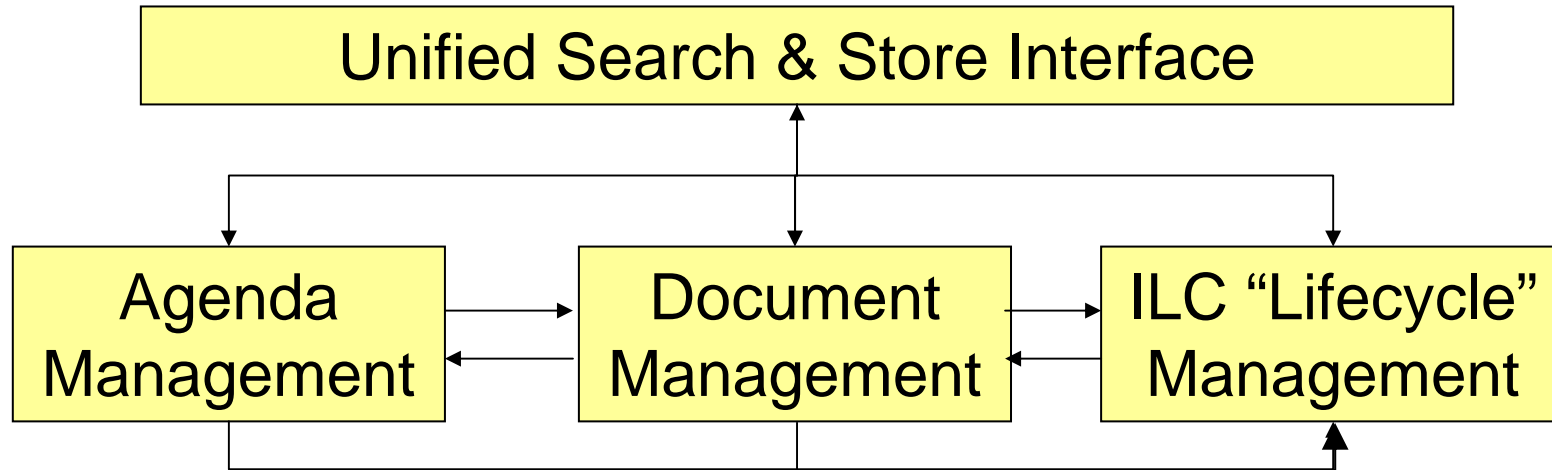
# Proposal for CDS Submission Categories

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# Desired Top Level Architecture





## 3 Elements of Concept

- INTERNAL, PRIVATE or PUBLIC
  - **Read, Write, Submit, Modify, Approve**
- CATEGORY
  - **Based on INDICO-like organization tree for ILC**
- DOC TYPE
  - **One basic type (“file”) with sufficient metadata to cover all possibilities**
    - Leave empty if not relevant
  - **Keywords help form collections**



# Access Control

- INTERNAL: Scrapbook area
  - Read: All ILC
  - Submit: All ILC
  - Modify: Author or Submitter (or list/defined group)
  - Approval: None
- PRIVATE: Semi-secret repository
  - READ: List or Defined Group within ILC
  - Submit: Category driven list, but in principle all ILC
  - Modify: Author or Submitter (or list/defined group)
  - Approval: None
- PUBLIC
  - READ: WWW
  - Submit: Approver
  - Modify: Approver
  - Approval: List/Group within ILC



# Categorization

- Four (?) Level Deep Tree similar to INDICO with choices for sublevels contingent on root level selection. Examples:
  - **ILC-Physics-CONCEPT-SiD-TRACKING**
  - **ILC-Physics-R&D-EUDET-GENERAL**
  - **ILC-Physics-Theory-General**
  - **ILC-GDE-BDS-Collimation**
  - **ILC-GDE-MGMNT-Director**
- Categories determine naming convention for files
- Categories morph with time
  - **ILC-Project-Civil-Tunneling**
  - **ILC Physics-Detector-GLD-General**
  - **ILC-Lab-Tech\_Services\_Division-General**
- Levels can form “virtual collection points”
- Level = “Null” (i.e. General) a good concept
  - **ILC-Report-2006-nnnn**
- A good selection of the tree can UNIFY Indico, CDS & Teamcenter (& maybe WBS driven project management software)



# Document Types

- One basic type = file with One Metadata input form
- Metadata Input Form will contain radio button area for keywords, with, for example:
  - **DOC, Memo, PPT, Photo, XLS, DWG, TEXT**
- Perhaps Doc Type & Subtype is a useful concept
  - **Doc Type is virtual collection point**
  - **Subtype goes into document name**
  - **Communication**
    - Letter
    - Memo
    - MOU
  - **DOC**
    - Note
    - Report
    - Proceeding
    - Article



# Document Names

- ILC-(GDE)-BDS-INT-Note-2006-nnnn
- ILC-(GDE)-MGMT-DG-Letter-2006-nnnn
  
- (...) Virtual collection: not explicit in name



# UNIFORM SUBMISSION

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- Submission data filled in (One?) EXTERNAL WEB PAGE(S)
- If DOC TYPE keyword = PPT, Presentation,...
  - **redirect user to INDICO**
  - **or directly transfer file and metadata (or metadata only?) into INDICO, transparent to user**
- IF DOC TYPE keyword = DWG, ??
  - **redirect user to Teamcenter**
  - **or directly transfer file and metadata to Teamcenter**





# Immediate Goal

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- Implement these “web pages” within CDS
- Agree on a INDICO-CDS-Teamcenter Category Tree