From chaos to order: implementation of work flows

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Digital Resource Management from Data to Knowledge 21 – 23 July 2009, Durban, South Africa







What is workflow?

A sequence of tasks, performed by designated people to accomplish an end result

- → define the end result
- define the tasks required to achieve the end result
- → decide who will perform the tasks
- define the order in which tasks are required to be completed



Define the end result

- 1. Outcomes (content published to a well managed web site)
- 2. Products (eg. PDF files, web ready images, OCR texts, metadata records)
- 3. Submissions (eg archiving)
- 4. Project reports (eg production)



Define the tasks required to achieve the end result

- 1. identify tasks and steps
- 2. steps to be added or eliminated
- 3. re-define the order of processes
- 4. assign persons to tasks



Define the order of tasks

- Follow in a prescribed order
 - One process completed before the next
 - Small staff
- Parallel order
 - Simultaneous flows
 - Bigger complement of staff

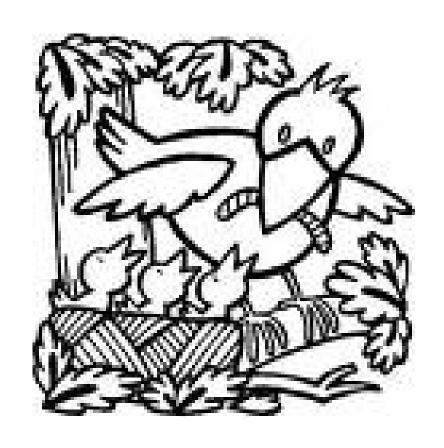


Important aspects

- scheduling ensure deadlines are met
- tracking see where holds-ups are occurring
- accountability quality control
- streamlining minimise frustration and excuses
- automation software, macros, batch processes



Where to start?





Identify the processes

Selection of material

Copyright issues

Metadata

Scanning

Derivatives

Archiving

Web publishing



Focus on each process

- Identify the sub-processes
- People linked to the processes
- Identify potential hold-ups (eg lack of skills, hardware on order)



Metadata creation

- selection of resources completed?
- copyright issues?
- metadata creation—by whom and when
- manual metadata, automated metadata
- quality control by whom and when
- object identifiers
- people matched to processes



Scanning

- Creation of directories
- Scanning by whom and when
- Quality control by whom and when
- Post-processing of images
- Derivatives eg. pdfs, thumbnails etc



Web publishing

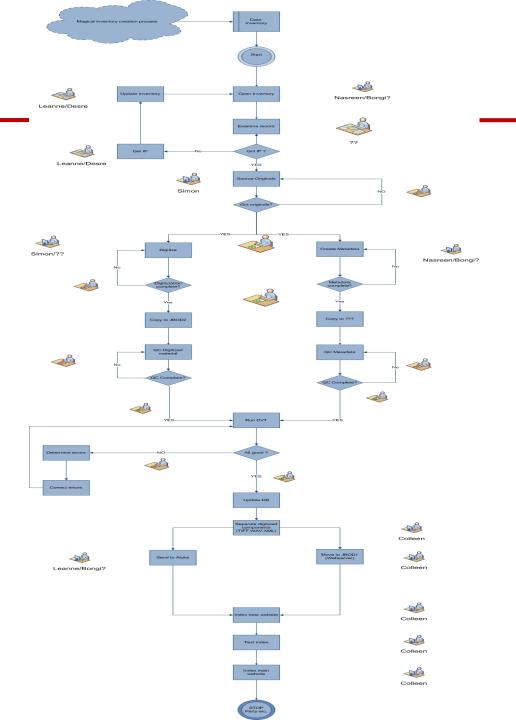
- ▶ Web publishing by whom and when
- Web site checking and updating
- Checking links



Quality control

- Quality control at each step of the process
 - define whose responsibility
 - define the procedure
 - written guidelines
 - what can be automated?







Database

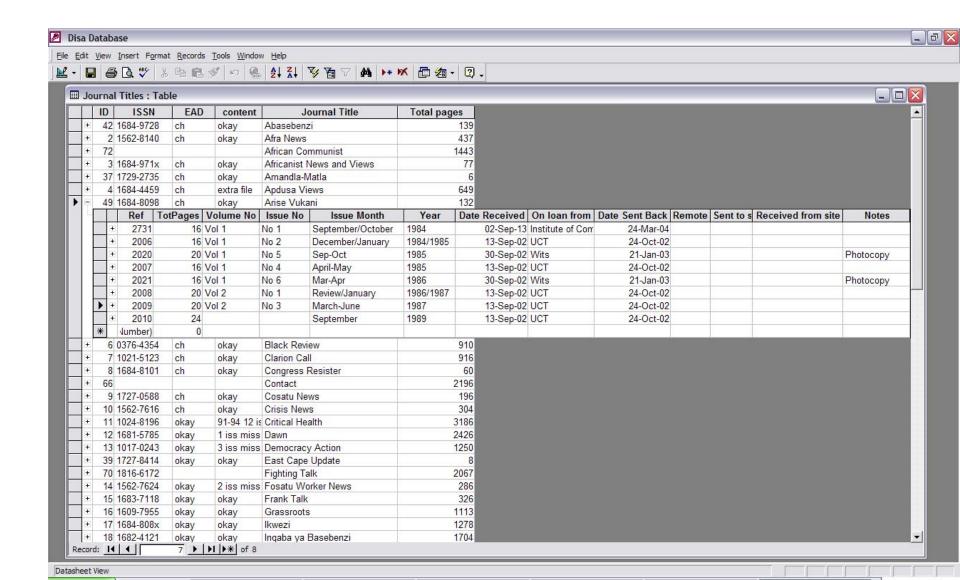
- Track selections
- Borrowing/ returning physical items
- Copyright tracking
- To track production when and by whom
- Quality control when and by whom
- Archiving when and by whom
- Web publishing when and by whom



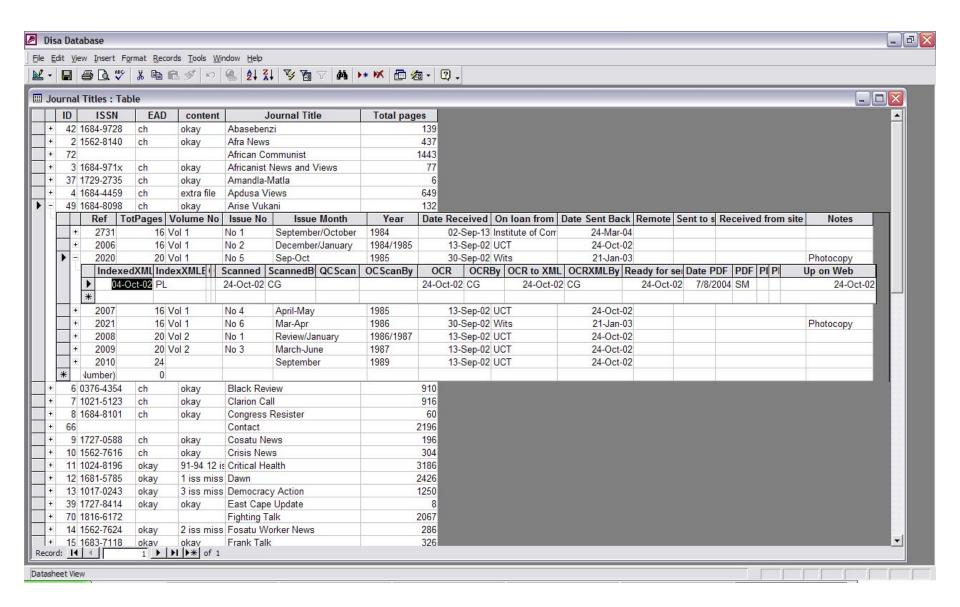
Journal database

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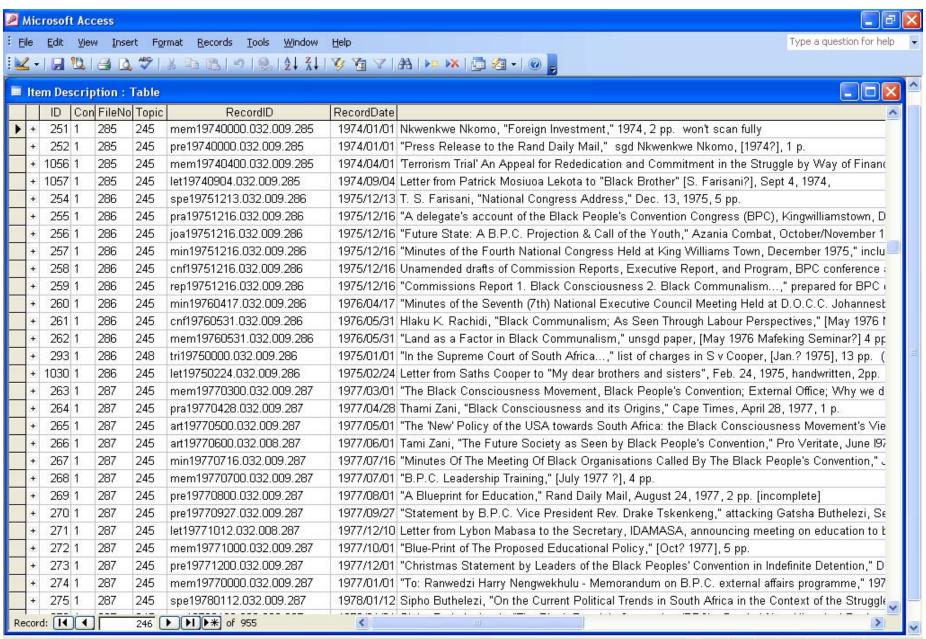
Journal issues



Journal production and quality control

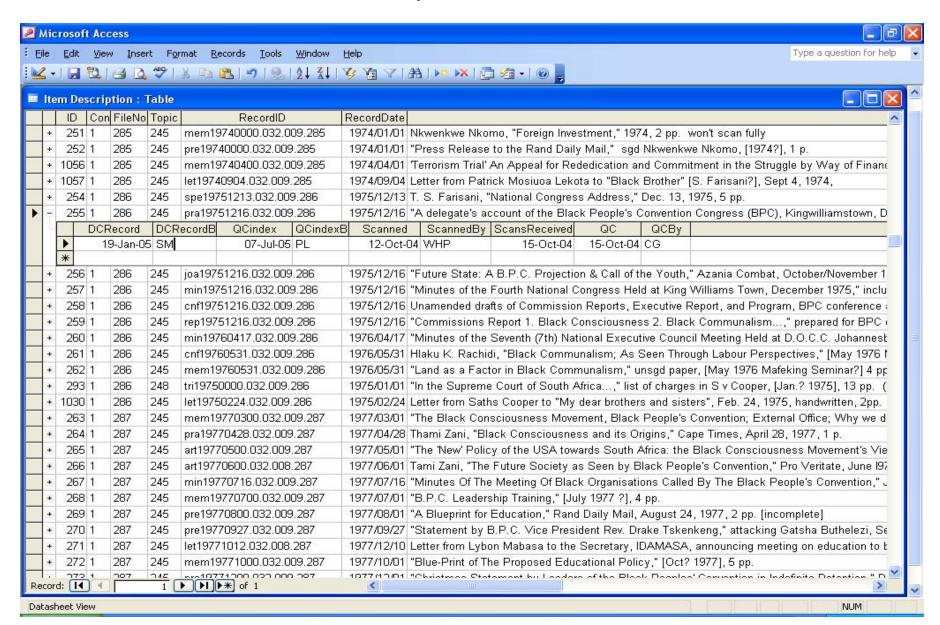


Archival material



Datasheet View

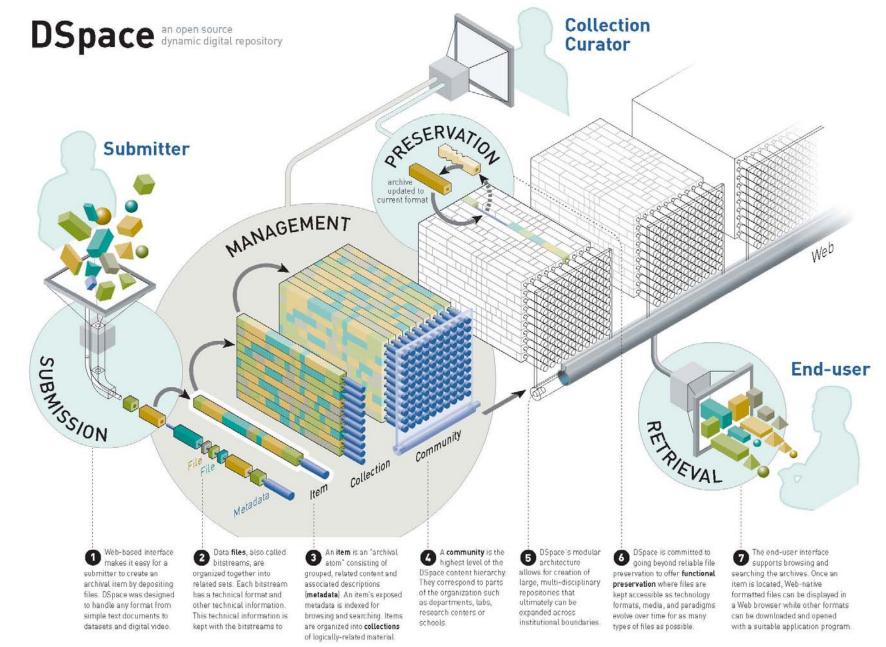
Archival production



Software

- Freehand
- Visual mind
- Visio
- Some CMS (eg. DSpace) have built in workflows





Benefits of workflow

- Improve efficiency and effectiveness
- Avoids duplication, oversights and overlaps
- Accountability (audit trails)
- Meet production targets and deadlines
- Eliminate hold-ups
- Review and reporting functions
- Consistent implementation of production standards
- Saves time, money and frustration





'It's the latest innovation in office safety.

When your computer crashes, an air hag is activated so you won't bang your head in frustration."

