Data Linking for Humanities Research & Research Data Management

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Cluster of Excellence Understanding Written Artefacts Research Unit Data Linking
Links and Anchor Text

- Exploit link structure to provide services to humanities researchers
- Avoid ever more tools
Critical remarks on text

Remarks on certain issues

She was almost through with her figures when she heard a cart drive up to the gate, and looking out of the window she saw her two older brothers. They had seemed to avoid her ever since Cornelia's arrival, four weeks ago that day, and she hurried to the door to welcome them. She saw at once that they had come with some very definite purpose. They followed her stiffly into the sitting-room. Omer sat down, but Lou walked over to the window and remained standing, her hands behind her.

"You are by yourself," he asked, looking toward the doorway into the parlor.

"Yes. Countin' Emi went up to the Catholic fair."

For a few moments neither of the men spoke.

Then Lou came out sharply. "How soon does he intend to go away from here?"

"I don't know, Lou. Not for some time, I hope," Alexandra spoke in an even-voiced tone that often exasperated her brothers. "They felt that she was trying to be superior with them."

Oscar spoke up gruffly. "We thought we ought to tell you that people have begun to talk," he said meaningly.

Alexandra looked at him. "What about?"

"Oscar met her eyes directly. "About you, keeping him here so long. It looks like he is trying to hang on to a woman this way. People think you're getting taken in."

Alexandra shut her account-book firmly. "Boys," she said sententiously, "don't let's go on with this. We won't come out anywhere. I can't take advice on such a matter. I know you mean well, but you must not feel responsible for me in things of this sort. If we go on with this talk it will only make hard feeling."

Lou whirled about from the window. "You ought to think a little about your family. You're making all right."

"How am I?"

"People are beginning to say you want to marry the fellow."

"Well, and what is ridiculous about that?"

"Yes sir," and Oscar exchanged cutglances. "Alexandra! Can't you see he's a drunkard and he'll be after your money? He wants to be taken care of, he does!"

"Well, suppose I want to take care of him? Whose business is it but my own?"

"Don't you know he's got hold of your money?"

"He'd got hold of what I wished to give him, certainly."

"Oscar was watching at his bony hair.

"Give him!" Lou shouted. "Our property, our homestead?"

"I don't know about the homestead," said Alexandra quietly. "I know you and Oscar have always expected that it would be left to your children, and I'm not sure but what you said that I'd do exactly as you wish with the rest of my land, boys."

The rest of your land!" cried Lou, growing more excited every minute. "Didn't all the land come out of the homestead?"

"Not bought with money borrowed on the homestead, and Oscar and me worked ourselves to the bone paying it back."

A = Stubborn, self-confident

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**TASK 2: RE-READING AND ANNOTATING [10-30 MINUTES]**

**PART ONE**

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**Adventure/hardship/new frontiers**

Sounds like a call—a rallying cry before a stall.
The phosphorylation of Hdm2 by MK2 promotes the ubiquitination of p53.
Linking with Materials Data
Vague
Uncertain
Spatial
Information
Travel in Time
Data Linking for Humanities Research

1. Take local reference library as a specification of information need
   - Provide pointers to similar or complementary documents
     - Extend reference library
     - Make relevance of materials data easily assessable

2. Take critical editions
   - Provide browsable version
   - Provide merging services

3. Take reference library of artifacts in archive (replicas)
   - Have researchers touch artifacts and interact with them
   - Locate artifacts in space and time (use space and time for linking)
     - Possibly order additional spatially and temporarily related artifacts
   - Possibly adopt ancient view from time data of artifacts
     - Which information could be principally available in old archives at the respective time frame
Research Data Management

• Metadata - DataCite standard plus project metadata
• Open vs. Closed - as open as possible
• Data/File types - no limitations
• FAIR principles - Findable-Accessible-Interoperable-Reusable
• Technical
  • Software - Invenio (Open Source, CERN, e.g. zenodo.org)
  • User interface - easy to use (up-/download, basic viewer, search...)
  • Identifier - Digital Object Identifier (DOI)
  • Storage - S3 Cloudstorage, three locations
Problems/Challenges

• Motivation
  • „Cool tools out there“ – „I use special repositories for my research field“ – „Everything is on my hard disk“ …
    You have to ask yourself:
    How sustainable are the cool tools?
    Do I know something about the provider and the storage?
    How secure is my hard disk and who can use my data?

• Open vs. Closed – several dimensions
  • DataLinking - works only for open (meta)data!
  • DataLinking - needs machine readable data/documents
  • Language problems
  • Usable? (special hard-/software necessary?)
  • Legal problems