

Computer-assisted qualitative analysis

Day 1

16.00 – 17.30



Qualitative Methods

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Part I: Background

- What is computer-assisted qualitative analysis
- Introduction to Atlas-ti
 - Preparing your data
 - Hermeneutic Unit (HU)
 - Coding
 - Memos and comments
 - Output of analysis

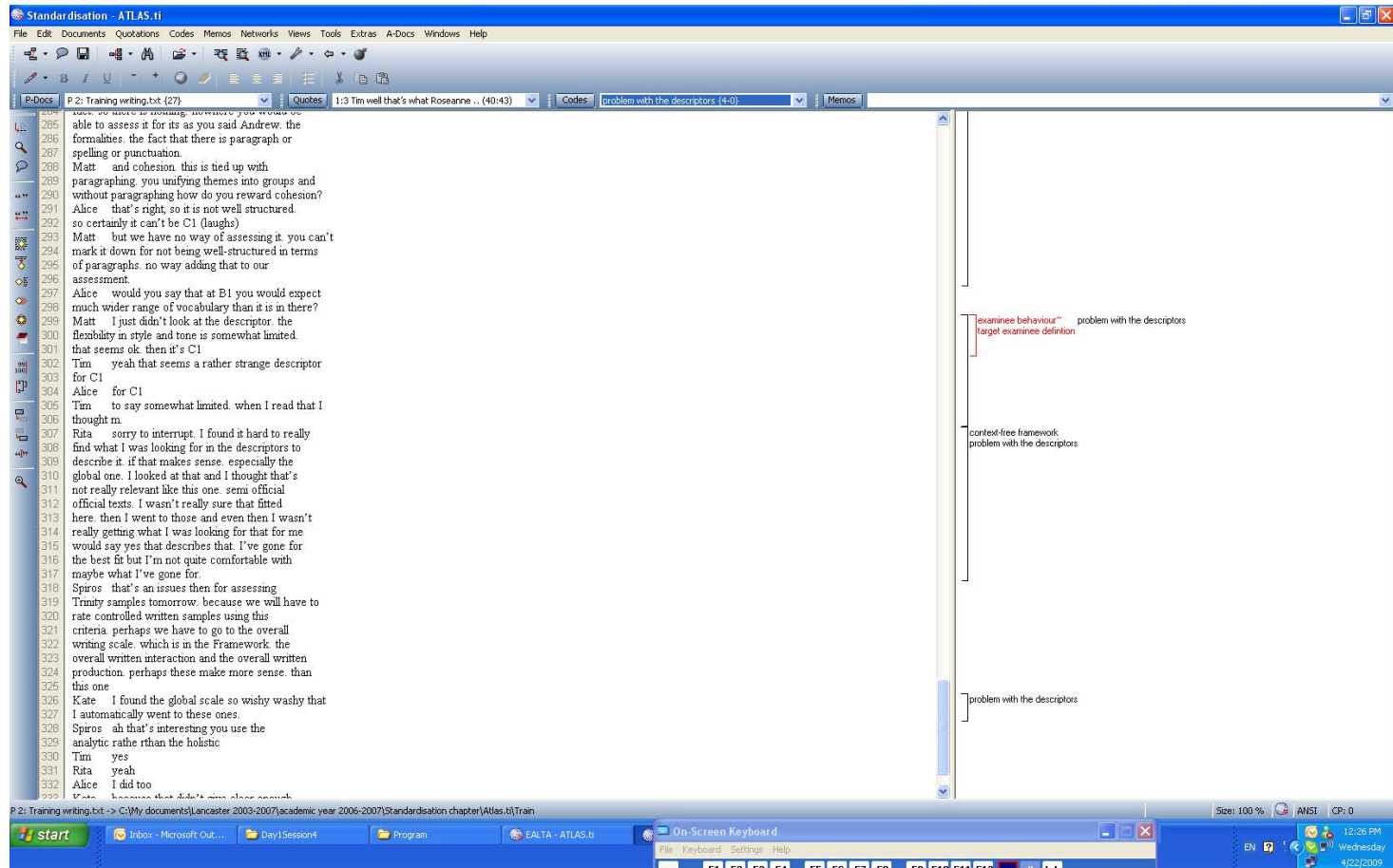


What is computer-assisted qualitative analysis?

- The coding of transcribed data using computer software
- Computer software only facilitates analysis, it does not replace the researcher
- CAQDAS: Computer Assisted Qualitative Data Analysis System
- Some commercially Available CAQDAS: Atlas.ti, MAXqda, NUD*IST, Nvivo
- Which CAQDAS should be chosen?



Atlas.ti interface (version 6)



Data preparation

- Collect qualitative data
- Record and transcribe (if necessary)
- Save data in appropriate format
- Atlas v.6 can be used with
 - variety of text files (.txt, MS Word)
 - PDF
 - pictures
 - audio files



Hermeneutic unit (HU)

- A single file where each project is saved
- Contains data, codes and memos about the analysis
- Primary Documents (PDs), i.e. the data files
 - ‘assigned’/‘read’ from the original location
 - not copied
 - Atlas needs to be ‘told’ where to find the PDs



Ways of coding

- Auto-coding
 - attaching a code automatically to words specified by the user
- Open coding
 - attaching and naming a code to a segment chosen by the user
- Coding by list
 - assigning an already existing code to a segment
- Coding in vivo
 - attaching a code to a segment naming it after the exact word in the segment
- Quick coding
 - consecutive coding of segments using the most recently used code



Memos and comments

- Memos
 - reminders, notes and lists of topics
 - free or linked to points in the data and codes.
 - can be categorized, filtered or exported.
 - different from comments attached to codes
- Comments
 - notes that the researcher can insert within each code to describe the coded segment



Co-occurrence tool

- Co-occurrence
 - allows the user to select a code and see any other code which overlaps or coincides in the text with the original selected code



Output

- Codes-primary-documents-table
 - frequencies of codes per PD and total
 - All codes with quotations
 - Quotation references
-
- ❖ These are only some of the output options
 - ❖ Output can be printed and/or imported to EXCEL or SPSS



Part II: Using Atlas-ti

- Practical task:
 - create a Hermeneutic Unit
 - assign codes to text
 - keep memos and comments
 - explore co-occurrence of codes
 - produce output

