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Powerful Unix-Tools - cat & less & head & tail

Andreas Schmidt

**Department of Informatics and
Business Information Systems
University of Applied Sciences Karlsruhe
Germany**

**Institute for Automation and Applied Informatics
Karlsruhe Institute of Technologie
Germany**

cat - command

- Purpose:
`concatenate files and print them on standard output.`
- Examples:
 - concatenate file a.txt and b.txt and write result to STDOUT
`cat a.txt b.txt`
 - Concatenate all files in the given directories and prints them to STDOUT
`cat d:/data/bbc/*/*.txt`
 - Add line numbers to file porter.cpp and prints it to STDOUT
`cat -n porter.cpp`

head command

- Purpose:
Output the first part of a file.
- Examples:
 - View first 20 lines of file stopwords.txt
`head -n20 stopwords.txt`
 - View all, but the last 20 lines of file stopwords.txt (remove trailers)
`head -n -20 stopwords.txt`

tail command

- Purpose:
Output the last part of a file.
- Examples:
 - View last 10 lines of file *stopwords.txt*
`tail -n10 stopwords.txt`
 - Print the content of file *stopwords.txt*, starting from line 20 (remove headers)
`tail -n +20 stopwords.txt`

less - command

- Purpose:
tool for paging through a file. Also supports forward/backward search and filtering.
- Examples:
 - View file *a.txt* - (see *man less* for commands)
`less a.txt`
 - View file *stopwords.txt* with line numbers
`less -N stopwords.txt`