

Papers

Jordan Boyd-Graber

University of Maryland

Mechanics

Talking about Writing

- “Stuff you’re supposed to know”
- But nobody ever teaches it!
- The course is about computers learning language
- Only worthwhile for us to talk about it too
 - ▶ Mechanics
 - ▶ Writing Well (Audience)
 - ▶ Reviewing

Talking about Writing

- “Stuff you’re supposed to know”
- But nobody ever teaches it!
- The course is about computers learning language
- Only worthwhile for us to talk about it too
 - ▶ Mechanics
 - ▶ Writing Well (Audience)
 - ▶ Reviewing
- Disclaimer: YMMV

Use L^AT_EX

- Equations and Math
- Templates
- Macros
- Cost
- Accessibility

Use L^AT_EX

- Equations and Math
- Templates
- Macros
- Cost
- Accessibility
- Not tutorial



Common Mistakes

- Footnotes

I'm never ever sick at sea.`\footnote`{Well, hardly ever

- This is a low-budget trip, and pages 78--101 describe journey. If the train is on time--which it never is--get there tomorrow.

- Quotes

In civilized cultures, this is called a ``coaster''.

- The voltage is `$V=IR$`, where `I` is the current.

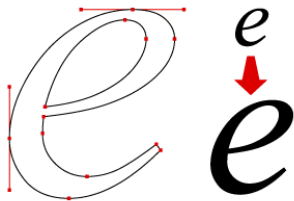
- Spacing and sizing in math

$$p(a \setminus, | \setminus, b) = \left(\frac{\sim p(b \setminus, | \setminus, a) p(a)}{p(b)} \right)$$

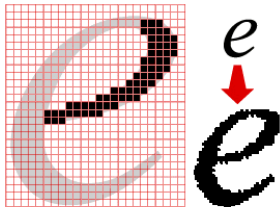
Lots more on my style page!

Images / Figures

VECTOR GRAPHICS

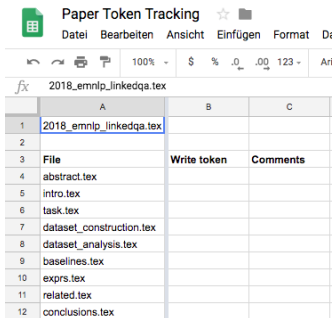


BITMAPPED (RASTER) GRAPHICS



- Always use vector graphics
- Test printing in black and white
- Prefer graphs over tables
- Make captions stand on their own
- Don't use vertical rules in tables

Use Version Control

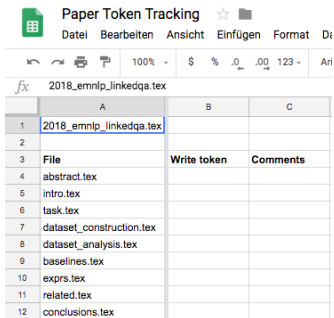


The screenshot shows a spreadsheet application window titled "Paper Token Tracking". The window has a menu bar with "Datei", "Bearbeiten", "Ansicht", "Einfügen", "Format", and "Da". Below the menu bar is a toolbar with icons for undo, redo, print, and a status bar showing "100%", "\$", "%", ".0", ".00", "123", and "Ari". The spreadsheet itself has a tab labeled "2018_emnlp_linkedqa.tex". The table has three columns: "A", "B", and "C". The first row (row 1) has "2018_emnlp_linkedqa.tex" in column A. The second row (row 2) is empty. The third row (row 3) has "File" in column A, "Write token" in column B, and "Comments" in column C. The following rows (rows 4-12) list various text files in column A: "abstract.tex", "intro.tex", "task.tex", "dataset_construction.tex", "dataset_analysis.tex", "baselines.tex", "exprs.tex", "related.tex", and "conclusions.tex".

	A	B	C
1	2018_emnlp_linkedqa.tex		
2			
3	File	Write token	Comments
4	abstract.tex		
5	intro.tex		
6	task.tex		
7	dataset_construction.tex		
8	dataset_analysis.tex		
9	baselines.tex		
10	exprs.tex		
11	related.tex		
12	conclusions.tex		

- Implicit Backup
- Easy to Collaborate
- Not reliant on “cloud”
- Corollary
 - ▶ Split into subfiles input
 - ▶ Track tokens
 - ▶ Flow lines

Use Version Control



The screenshot shows a spreadsheet application window titled "Paper Token Tracking". The window has a menu bar with "Datei", "Bearbeiten", "Ansicht", "Einfügen", "Format", and "Da". Below the menu bar is a toolbar with icons for undo, redo, print, and a zoom slider set to 100%. The spreadsheet itself has a single sheet named "2018_emnlp_linkedqa.tex". The table has three columns: "A", "B", and "C". The first row contains the text "2018_emnlp_linkedqa.tex" in column A. The second row is empty. The third row has headers "File", "Write token", and "Comments". The following rows list various files: abstract.tex, intro.tex, task.tex, dataset_construction.tex, dataset_analysis.tex, baselines.tex, exprs.tex, related.tex, and conclusions.tex.

	A	B	C
1	2018_emnlp_linkedqa.tex		
2			
3	File	Write token	Comments
4	abstract.tex		
5	intro.tex		
6	task.tex		
7	dataset_construction.tex		
8	dataset_analysis.tex		
9	baselines.tex		
10	exprs.tex		
11	related.tex		
12	conclusions.tex		

- Implicit Backup
- Easy to Collaborate
- Not reliant on “cloud”
- Corollary
 - ▶ Split into subfiles input
 - ▶ Track tokens
 - ▶ Flow lines
- Why not (only) Overleaf/ShareLaTeX?

But don't let this overwhelm you . . .

- \LaTeX can be daunting
- Especially fixing errors
- Important thing is to **write**
- Doesn't matter where / how