



Proseminar “Interactive Surfaces”

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Tipps & Fragestunde



Exemplary Structure

- Abstract (ca. 150 words)
- Introduction / motivation
 - Why is this topic important for interactive surfaces?*
- Overview & Categorization
- Examples
- Problems, Special Cases, Variants
- Discussion
- Further Reading
- Bibliography



Scientific Writing - Do's

- Logical and clear
- Neutral language
- Spell-check!
- Rather simple and correct than complicated and wrong language



Scientific Writing - Don'ts

- Avoid fillers (“of course”, “somewhat”, “like”, “whatever”)
- Avoid platitudes (“A great way to perform algorithms is using computers.”)
- Avoid flowery language (“While some algorithms are purely evil this one’s clarity is of almost angelic beauty.”)
- Avoid Filser English (“Again what learned.”)



Scientific Writing - Make it interesting

- Be clear but not boring.
- Constantly alternate.
- Know when there's too little or too much.

Table 1. Top-10 list of recommendations for writing consistently boring publications.

- Avoid focus
- Avoid originality and personality
- Write l o n g contributions
- Remove implications and speculations
- Leave out illustrations
- Omit necessary steps of reasoning
- Use many abbreviations and terms
- Suppress humor and flowery language
- Degrade biology to statistics
- Quote numerous papers for trivial statements

Sand-Jensen (2007): How to write consistently boring scientific literature, Oikos 116:723-727



Checklist

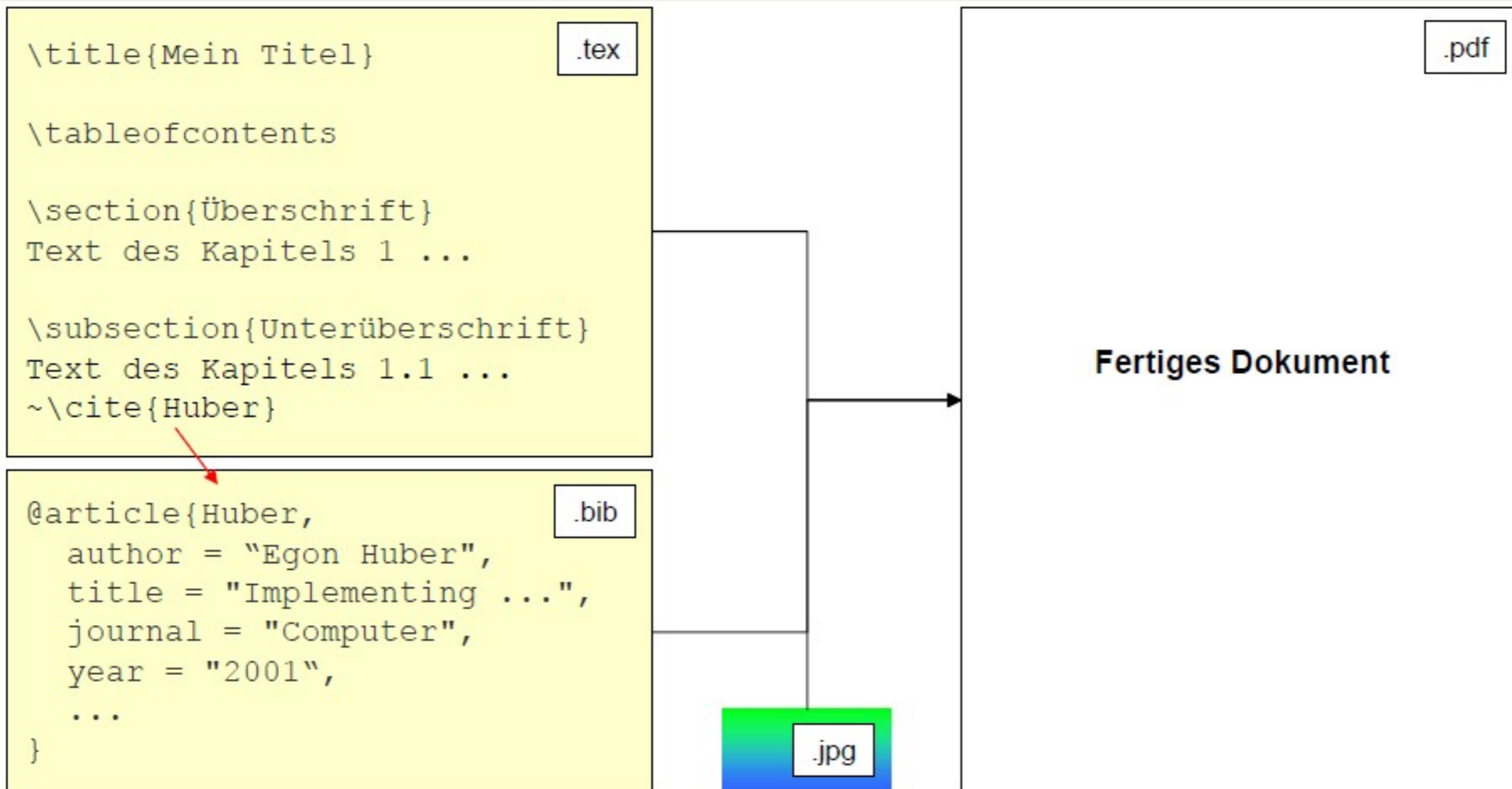
- Reference *all* sources (also images!)
- Don't claim things that you cannot prove
- Short source code excerpts
- Only use high-quality figures
- Use a spell-checker
- Look up unknown words - do not use one if you do not know for sure what it means
- Have someone else read your thesis before submitting it



What is it?

- LaTeX
- WYGIWYM (What You Get Is What You Mean)
- separates content from layout (like good HTML)
- simple things are simple
- complex things are possible
- new users often have problems getting special formatting to work
 - search the web
 - LaTeX WikiBook
 - The Not so Short Introduction to LaTeX 2e

Erstellung eines LaTeX-Dokuments





Vorgehensweise

- TeX Implementierung und LaTeX GUI / IDE installieren
 - Windows: MikTeX & TeXnicCenter
 - Mac OS: MacTeX & TeXShop
 - Linux: teTeX package & Kile
- Download LaTeX-Template
 - TEX und BIB Dateien mit IDE öffnen, Source anschauen und nachvollziehen
 - LaTeX => PDF einstellen, TEX Datei zweimal kompilieren
 - PDF bewundern
 - Text mit eigener Arbeit ersetzen
 - Bei Bedarf weitere LaTeX-Tutorials konsultieren



LaTeX-Ressourcen

- LaTeX Klassen und Dokumentationen
 - (Not So) Short Guide to LaTeX2e
 - LaTeX Symbols List
 - Grafiken importieren und formatieren
- Deutschsprachige LaTeX Kurzbeschreibung
- Deutschsprachige FAQs
- BibTeX-Tool und Dateiformat zur Verwaltung und Einbindung von Bibliographien



Checklist (Basic)

- your talk should be interesting
- rule of thumb: one slide == one minute
- reference all sources (e.g. [1] at image, one extra slide with all references)
- prefer images over text
- please do not present meta-information (outline, table of contents, etc.)
- show only short excerpts from source code
- do not read your slide content aloud
- use note cards
- look at your audience



Checklist (Advanced)

- your talk should be interesting
- rule of thumb: one slide == one minute
- reference all sources (e.g. [1] at image, one extra slide with all references)
- ~~prefer images over text~~ **six words per slide tops!**
- please do not present meta-information (outline, table of contents, etc.)
- show only short excerpts from source code
- do not read your slide content aloud
- use ~~note cards~~ **digital notes**
- look at your audience
- **use alternative channels - whiteboard or only speech**



Checklist (Nightmare)

- your talk should be interesting
- rule of thumb: one slide == one minute
- reference all sources (e.g. [1] at image, one extra slide with all references)
- ~~six words per slide tops!~~ **no words at all (formulas are ok, though)**
- please do not present meta-information (outline, table of contents, etc.)
- show only short excerpts from source code
- do not read your slide content aloud
- **use no notes**
- look at your audience
- use alternative channels - whiteboard or only speech

Literaturrecherche

- Zugriff auf diverse Literaturdatenbanken:

<http://www.lrz-muenchen.de/services/netzdienste/proxy/browser-config/>

- Zugriff auf das ACM und IEEE Portal:

<https://docweb.lrz-muenchen.de/cgi-bin/doc/nph-webdoc.cgi/000110A/http/portal.acm.org/portal.cfm>

- Zugriff auf Zeitschriften:

<http://docweb.lrz-muenchen.de/>