Finding and recording references to related work

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What is Related Work

• List of references
• State of the Art / Practice

REFERENCES

2 BACKGROUND AND RELATED WORK
This section starts with a brief discussion of terminology concerning research methods (Section 2.1). We then summarize prior work that offers guidance in selecting research methods (Section 2.2). We conclude this section by discussing the two previously mentioned dimensions that are central when choosing research strategies: the level of obtrusiveness of a study and the generalizability of a study’s findings (Section 2.3).

2.1 Terminology
Since Glass and colleagues noted the “narrow” range of research approaches [61, 63], the SE community has seen an increased interest in the social and human aspects of software engineering, though the importance of these aspects was already observed much earlier [35, 114, 179]. Traditionally, empirical research in software engineering implied quantitative approaches and experimentation [11, 109, p. 98]. [20, 32, 139, 154, 155, 175, 207]. However, there has been an increasing awareness that software engineering is multidisciplinary [68], a "social activity" [42], and “essentially a human activity” [175, 222], and that SE researchers must make observations in the “real world” [139, p. 17]. Consequently, the SE field has now widely embraced these alternative approaches to study human aspects. A landmark paper in this respect was Seaman’s 1999 article on qualitative methods for software engineering [174], which was published in a special issue of IEEE Transactions on Software Engineering on empirical software engineering [84]. Besides special is-
Where to find

• Where to start

• Where to search
  – Google
  – knihovna.zcu.cz, STAG Kvalifikační práce
  – Google Scholar
  – IEEE DL, ACM DL, Springer Link, Elsevier, ...

• Open x closed sources
What is worth what

• Author
  LinkedIn, InfoQ, ...
  Google Scholar -> Citations, h-index

• Title

• Text
  – abstract
  – intro - conclusion

• „Popularity“
  – citations
  – page rank


https://www.scopus.com/search/form.uri?display=basic
https://scholar.google.com/
-> “Cited by …”
I have chosen, now what?

- Record the citation
  - reference management; paper id
  - Zotero, Mendeley
  - JabRef
  - BibTeX, Word

- Saving paper text
  - filesystem
  - Mendeley, JabRef
Creating list of references

- **BibTeX**
  - `\bibliography`
  - `\cite`
  - `.bib, .bst`

https://tex.stackexchange.com/questions/259300/how-to-make-a-bibliography-for-total-beginners

- **Word**
  - ribbon tab Reference -> Citations and bibliography
  - stored in the given document only

Patterns are well-known solutions to recurring problems or situations \cite{alexander1979timeless}. We hypothesize that semi-formal process models based on e.g. \texttt{SPEM} \cite{omg2008spem} could serve as a bridge between those two levels of description.

\cite{alexander1979timeless}

\cite{omg2008spem}

\cite{rubin2007process}

\cite{larman2003iterative}

\bibliographystyle{IEEEtran}
\bibliography{my-bib-records}

\end{document}
Píší to v (Leblang, 1994) nebo i jinde.

**Citovaná literatura**