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## Exercise Sheet 9

complete until Thursday, December 21st

### Exercise 1

On the Wiki you will find a table for comparing suffix arrays and the inverted index with respect to the various aspects we have considered so far in this seminar: efficient query processing, construction time, compressability, IO-efficiency, etc.

Each entry tells how suitable the respective approach is for the respective aspect, in isolation and in combination with other aspects. The exact format will be specified on the Wiki.

You should first, and as soon as possible, sign up for a couple of table cells (by putting your initials there), so that each cell is chosen by at least *two* people. Then come up with an entry according to the specified format, as well as a concise explanation for that entry. The entry should link to that explanation (via an anchor, as will be explained on the Wiki).

To come up with a joint explanation, make use of a separate discussion page, and put a link to that discussion after your final, polished explanation.

*Discussion should have started by Monday evening, that is, when Tuesday begins there should be a first non-trivial entry and a first non-trivial proposal for an explanation!!!*

Feel free to join the discussions of others, if you don't understand their explanation or you disagree with it or you have something to add or you just feel like quarreling. Also, you can indicate that you want input from us (or others) by putting a ? after your table entry.

### Exercise 2 (optional)

Think about some concrete project ideas, and post them on the Wiki (there will be a dedicated page). At this point, it can but does not have to be anything which *you* will actually do as your project. Just anything which you think could be interesting, meaningful, fits the seminar well, etc. Consider this exercise as a kind of collaborative brainstorming. We will also participate.

If your idea has something to do with a particular paper or other kind of document, upload that document to the Wiki and provide a link to it. (If it is freely available on the Web, a link is enough of course.)