A Heap of Problems

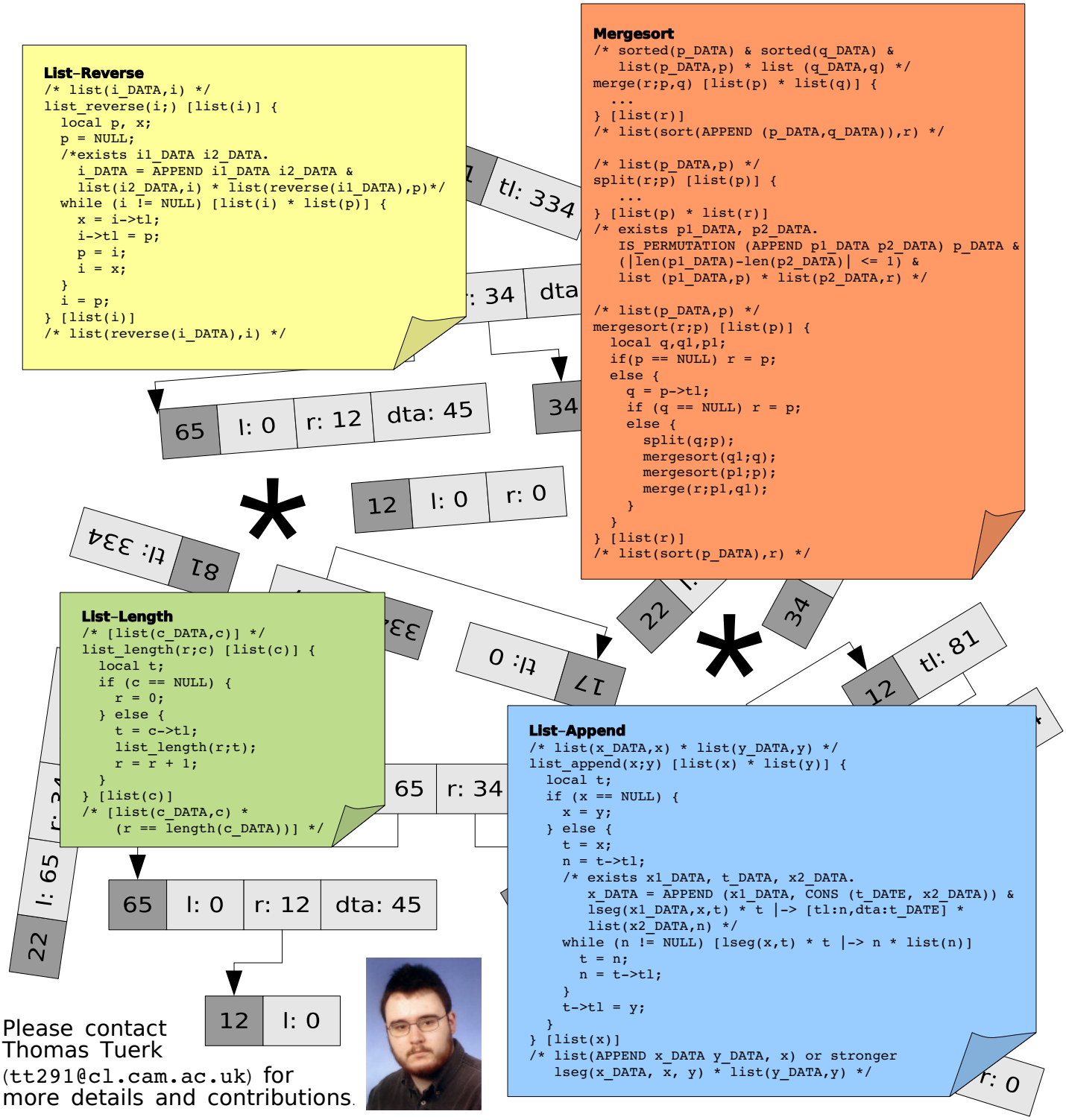
http://wiki.heap-of-problems.org

There are a number of good separation logic / shape analysis tools.

- Smallfoot
- SLAyer
- Space Invader
- ...

However, full functional verification remains a challenge. Even tiny examples like the reversal of a single linked list, are still not trivial.

A Heap of Problems tries to help answering this challenge by collecting benchmark examples. Besides the problems the proofs done using different tools are published as well. This is done in the hope that this set of examples will simplify communication between different developers and enable them to compare their tools and approaches more easily. *A Heap of Problems* is realised as a Wiki. Everyone is welcome to add examples, proofs, tool-descriptions or just join the discussion.



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