

# Mailbox Types

Samuel Klaaßen

RPTU Kaiserslautern-Landau, AG Software Technology: Programming Distributed Systems

***Note:** This report is a compilation of publications related to some topic as a result of a student seminar.  
It does not claim to introduce original work and all sources should be properly cited.*

*Give an abstract of your paper.*

- *What is the problem area and topic and question you're trying to address?*
- *Why is it a relevant problem ?*
- *How is it solved?*
- *Which results were obtained?*

## 1 Introduction

The introduction includes the motivation for the presented work. In general, the author will explain the addressed problem and why it is of interest to solve that problem.

## 2 Background

What needs to be known?

## 3 Topic-specific content

## 4 Discussion

Dont´ forget your Research Question

## 5 Conclusion

```

1 def sort[T](list: List[T])(implicit ord: Ordering[T]): List[T] = {
2   list match {
3     case Nil => Nil
4     case x :: xs =>
5       // partition list based on pivot element x
6       val (lo, hi) = xs.partition(ord.lt(_, x))
7       sort(lo) ++ (x :: sort(hi))
8   }
9 }

```

Figure 1: An example algorithm. Do you recognize it? Line 6 is crucial!

## References

- [1] (Retrieved on March 18, 2019): *The EPTCS bibliography style*. Available at <http://biblio.eptcs.org>.