



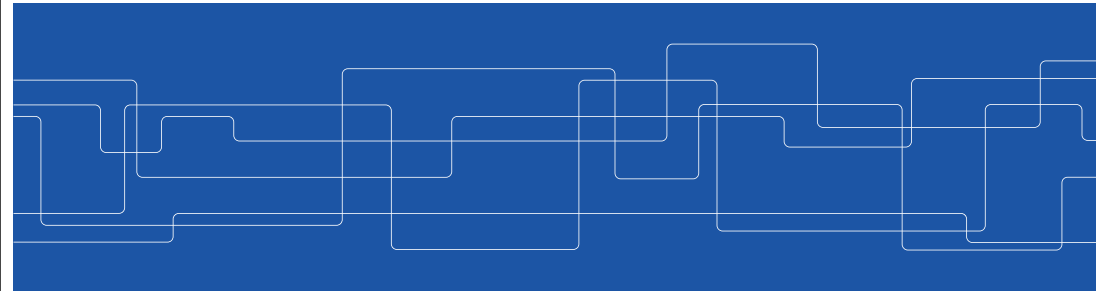
Why?

Why do we build distributed systems?



Introduction

Vladimir Vlassov and Johan Montelius



Different from..



What?

What is a ***distributed system***?

- Give me some examples.
- Give me a definition.

“...one in which hardware or software components located at networked computers communicate and coordinate their actions only by message passing”



Messages



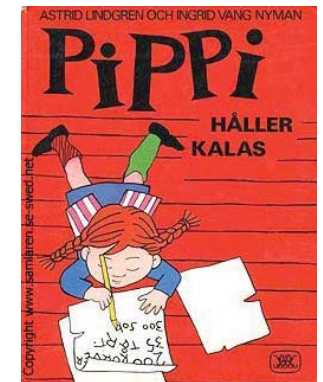
Concurrency



Time



Communication





Failure



Security



Handle the problems

- How can we solve
 - communication,
 - security and,
 - coordination,

. . . in a world with failure and no notion of time?

Can we hide all problems?



Coordination

