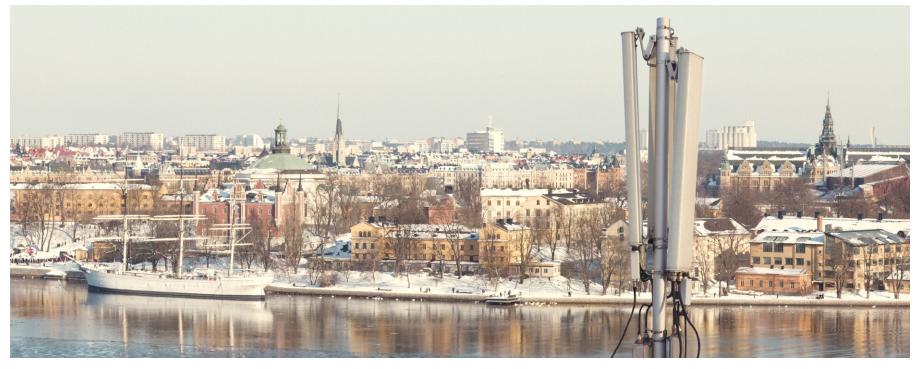




Industrial Experiences from Multi-Paradigmatic Modelling of Signal Processing



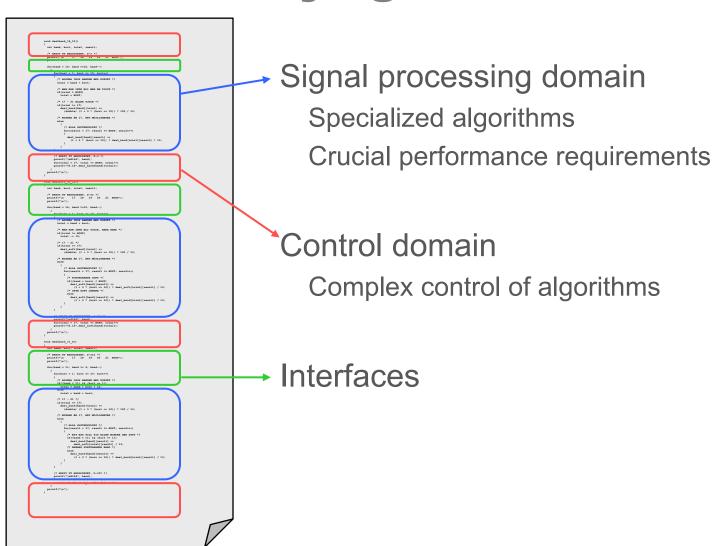
Håkan Burden, Computer Science, University of Gothenburg Rogardt Heldal,
Software Engineering,
Chalmers Univeristy of
Technology

Martin Lundqvist, Baseband Research, Ericsson AB





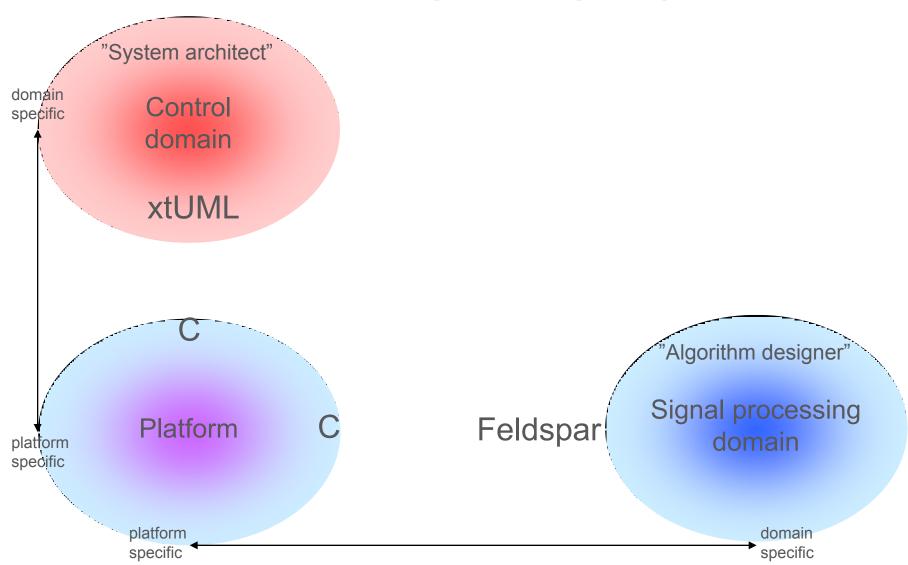
Identifying the domains







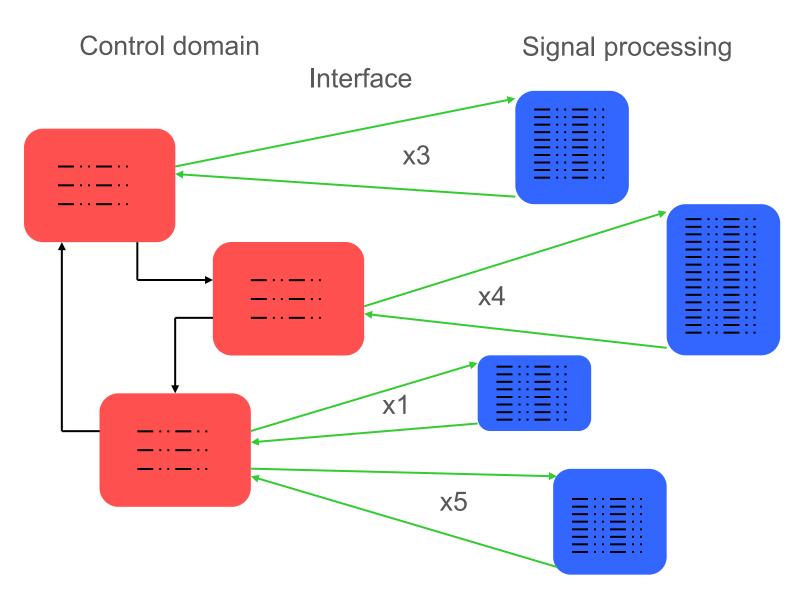
Good enough languages







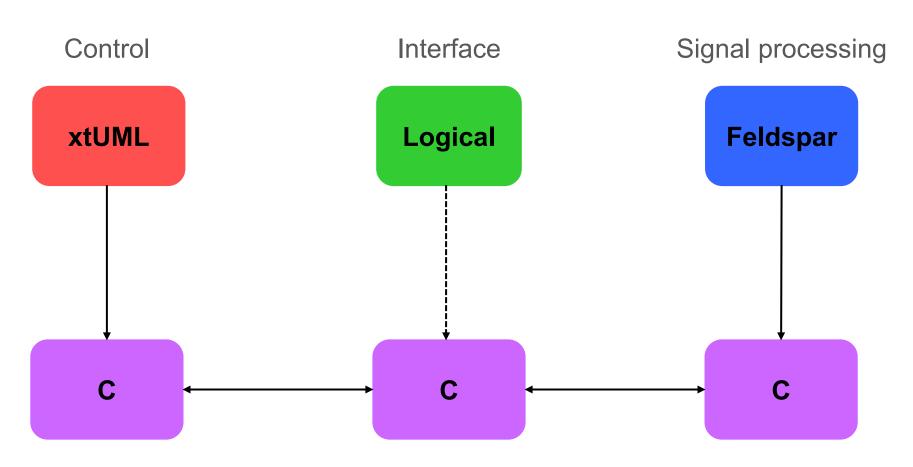
Domain interaction







Integration and deployment



Platform

Conclusions

- + Clear domain separation
- + No side effects from Feldspar
- + Executable models
- Late integration testing
- Dependent on efficient transformations
- ? Languages close enough to domains
- ? Multicore
- ? New platforms
- ? Integration