on-Fanc on E ceN on for D' r'baed nd Mob'e Ob ec

Denis Caromel and Alexandre Genoud INRIA Sophia Antip

2 Denis Caromel and Alexandre Genoud

providing exible and dynamic con guration well-adapted to distributed applications.

The previous has been implemented and bench-marked in the framework of ProActive $^{\!1},~a$ library for

Non-Functional Exceptions for Distributed and Mobile Objects
speck some possible
due to the raised exception before restoring original states.
Important healting by Lancalea. Exert upon easy ironments.
Indiel looks really by mining by Lancalea. Exert upon easy ironments.
Calls are indeed the weakest point of the mechanism. With such fails side e ect fails with and Asynchronous calls, the

4 Denis Caromel and Alexandre Genoud

propagated toward other methods. In the speci c context of distributed environments, this classi cation misses something really important as it does not represent the nature of exceptions but just gives an indication about where handling takes place.

4.1 Rei ed Exception Handlers

nd så død s ød s øsp on n gød pp ød o non f nø on s øsp ons.

5 Canonical Examples

We present now some interesting properties of the model such as simplicity, exibility or robustness with the use of canonical amountless.

Non-Functional Exceptions for Distributed and Mobile Ole

References

- 1. Valerie Issarny. Concurrent Exception Handling. Advances in Exception Handling Techniques 2000: 111-127. Inria Rocquencourt.
- Jie Xu, Alexander B. Romanovsky and Brian Randell. Coordinated Exception Handling in Distributed Object Oriented System (Revision and Correction). Department of Computing Science, University of Newcastle upon Tyne, Newcastle upon Tyne, LIK
- 3. Arnand Tripathi and Robert Miller . Exception Handling in Agent-Oriented Systems. Advances in Exception Handling Techniques, Springer-Verlag LNCS 2022, March 2001.
- Denis Caromel, W. Klauser, J. Vayssiere. Toward Seamless Computing and Metacomputing in Java. Concurrency Practice and Expent (September-November 1998) I 21.03676932 0 Td 1204 -161v