1 Bibliographical references of the researchers involved in the project

References

[BCM03] F. Baude, D. Caromel, and M. Morel. "From Distributed Objects to Hierarchical Grid Components", *in: International Symposium on Distributed Objects and Applications (DOA), Catania, Sicily, Italy, 3-7 November*, Lecture Notes in Computer Science, LNCS, p. 1226–1242, Springer Verlag, 2003.

[BD91] B. Berthomieu and M. Diaz. Modelling and verification of time dependent systems using time Petri nets. In *IEEE Transactions on Software Engineering* 17(3): 259–273, 1991.

[BRV04] B. Berthomieu, P.O Ribet, and F. Vernadat. The tool TINA - Construction of abstract state spaces for Petri nets and time Petri nets To appear in International Journal of Production Research, 2004.

[BRV+03] B. Berthomieu, P-O. Ribet, F. Vernadat, J. L. Bernartt, J-M. Farines, J.-P. Bodeveix, M. Filali, G. Padiou, P. Michel, P. Farail, P. Gauffilet, P. Dissaux, and J-L. Lambert. Towards the verification of real-time systems in avionics: the COTRE approach. In FMICS'03 - Electronic Notes in Theoretical Computer Science, 2003.

[BV03] B., Berthomieu, and F. Vernadat. State class constructions for branching analysis of time Petri nets. In *Proceedings of Tools and Algorithms for the Construction and Analysis of Systems* TACAS 2003, Warsaw, Poland. Springer LNCS 2619, 2003.

[BF02] JP. Bodeveix and M. Filali. Type Synthesis in B and the Translation of B to PVS. In ZB'2002, Grenoble, 23–25 janvier 2002. Springer Verlag, p. 350-369, 2002.

[BF03] J-P Bodeveix and M. Filali. About disjunctive invariants in UPPAAL. NWPT, Turku Finlande, 29 octobre 31 octobre 2003. The 15th Nordic Workshop on Programming Theory (NWPT'03) Aabo Akademi University Turku, Finland, October 29-31, 2003.

[BM03] R. Boulifa and E. Madelaine. Model generation for distributed Java programs. In E. Astesiano N. Guelfi and G. Reggio, editors, *Workshop on scientiFic engIneering of Distributed Java applIcations*, Luxembourg, nov 2003. Springer-Verlag, LNCS.

[CFN03] C. Carrez, A. Fantechi, and E. Najm. Behavioural Contracts for a Sound Assembly of Components. In *Proceedings of FORTE'03*, volume 2767 of *Lecture Notes in Computer Science*. Springer Verlag, 2003.

[FNR02] A. Fontaine, E. Najm, and M. Ruffin. Une approche de la composition de services par contrats de collaboration. In *CFIP'02 - Colloque Francophone sur l'Ingénierie des Protocoles*. Montréal, Mai 2002. Editions Hermès-Sciences.

[GL01] H. Garavel and F. Lang. SVL: a scripting language for compositional verification. In *Proceedings of the 21st IFIP WG 6.1 Int. Conference on Formal Techniques for Networked and Distributed Systems* FORTE'2001 (Cheju Island, Korea), IFIP, Kluwer Academic Publishers, Aug. 2001.

[GL02] H. Garavel and F. Lang. NTIF: A general symbolic model for communicating sequential processes with data. In *Proceedings of the 22nd IFIP WG 6.1 International Conference on Formal Techniques for Networked and Distributed Systems* FORTE'2002 (Houston, Texas, USA), volume 2529 of *Lecture Notes in Computer Science*. Springer Verlag, Nov. 2002.

[HCS04] L. Henrio, D. Caromel and B. Serpette. Asynchronous and deterministic objects. In *Proceedings of the 31st ACM Symposium on Principles of Programming Languages*. ACM Press, 2004. To appear.

[HSS04] L. Henrio, B. Serpette, and S. Szentes. "Implementation and Complexity of the Lowest Static Reduction", *in: Actes des journées JFLA*, Sainte-Marie-de-Ré, France, January 2004.

[LV02] M. Lemoine and S. Vignes. Integrating semi-formal and formal specifications. In *Proceedings of the RCS'02-workshop on Refinement of Critical Systems*, Grenoble (France), Janvier 2002.

[M92] E. Madelaine. Verification tools from the concur project. *EATCS Bull.*, 47, 1992.

[MBB04] E. Madelaine, R. Boulifa, and T. Barros. Parameterized models for distributed java objects. In *Submitted*, 2004.

[NNS99a] E. Najm, A. Nimour, and J.-B. Stefani. Guaranteeing liveness in an object calculus through behavioral typing. In *Proceedings of FORTE/PSTV'99.* Kluwer, 1999.

[NNS99b] E. Najm, A. Nimour, and J.-B. Stefani. Infinite Types for Distributed Objects Interfaces. In *Proceedings of third IFIP conference on Formal Methods for Open Object-based Distributed Systems* FMOODS'99. Kluwer, 1999.

[NNS02] E. Najm, A. Nimour, and J.-B. Stefani. Behavioural Typing for Objects and Process Calculi. Formal Methods for Distributed Processing, An Object Oriented Approach.. Cambridge University Press. (2002).

[NOV99] E. Najm, F. Olsen, and S. Vignes. From SIBs to distributed Objects: A transformational approach for service creation. In *Proceedings of Smartnet'99*, Kluwer, 1999.

[RVB02] P.O Ribet, F. Vernadat and B. Berthomieu On combining the persistent sets method with the covering steps graph method. In *Proceedings of FORTE 2002*, Springer LNCS 2529, pp. 344–359, 2002.

[SCH01] B. Serpette, D. Caromel, and L. Henrio. Context inference for static analysis of java card object sharing. In *Proceedings e-Smart 2001.* Springer-Verlag, 2001.

[SNG00] J.-B. Stefani, E. Najm, and F. Germain. Elements of an object-based model for distributed and mobile computation. In *Formal Methods for Open Object-Based Distributed Systems* FMOODS 2000. Kluwer, 2000.

[TTV98] S. Taouil-Traverson and S. Vignes. Designing a B model for safety-critical Software Systems. In *Proceedings of B'98 : Recent Advances in the Development and Use of the B Method*, pp.210-225, 1998.

[TLG03] F. Tronel, F. Lang, and H. Garavel. Compositional Verification Using CADP of the ScalAgent Deployment Protocol for Software Components. In *Proceedings of the 6th IFIP International Conference on Formal Methods for Open Object-based Distributed Systems* FMOODS'2003 (Paris, France), volume 2884 of *Lecture Notes in Computer Science.* Springer-Verlag, Nov. 2003. Full version available as INRIA Research Report RR-5012.

[VAM96] F. Vernadat, P. Azéma, and F. Michel. Covering step graph. Proceedings of *ATPN'96*, Springer LNCS 1091, 1996.

[VR03] F. Vernadat and P.O Ribet Graphes de Pas couvrants: une approche ordre partiel. In *Vérification et mise en oeuvre des réseaux de Petri*, Hermes Science, 2003.